

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121362.D
 Acq On : 21 Aug 2020 11:37
 Operator : JU/CG
 Sample : PB130970BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:50:01 PM

Quant Time: Aug 21 13:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165773	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	634845	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	321068	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	600206	20.00	ng	0.00
76) Chrysene-d12	13.86	240	463397	20.00	ng	0.01
86) Perylene-d12	15.27	264	499574	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	939639	92.94	ng	0.02
7) Phenol-d6	6.35	99	1111417	86.12	ng	0.01
23) Nitrobenzene-d5	7.27	82	780203	69.51	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	339847	90.83	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1334304	78.84	ng	0.00
79) Terphenyl-d14	12.80	244	1329741	56.08	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	249432	54.523	ng	100
3) Pyridine	3.15	79	359078	29.245	ng	98
4) n-Nitrosodimethylamine	3.10	42	197922	39.604	ng	99
6) Aniline	6.36	93	478919	32.137	ng	# 56
8) 2-Chlorophenol	6.49	128	437589	41.413	ng	100
9) Benzaldehyde	6.25	77	282862	38.959	ng	97
10) Phenol	6.36	94	482921	35.686	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	409570	39.298	ng	97
12) 1,3-Dichlorobenzene	6.64	146	432335	36.520	ng	99
13) 1,4-Dichlorobenzene	6.72	146	438631	36.703	ng	99
14) 1,2-Dichlorobenzene	6.87	146	418980	36.814	ng	98
15) Benzyl Alcohol	6.85	79	345070	44.438	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	547285	35.664	ng	94
17) 2-Methylphenol	6.97	107	343714	39.423	ng	95
18) Hexachloroethane	7.20	117	162164	36.442	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	260436	37.521	ng	98
20) 3+4-Methylphenols	7.12	107	396643	46.142	ng	94
22) Acetophenone	7.11	105	548153	36.932	ng	97
24) Nitrobenzene	7.29	77	430982	37.671	ng	98
25) Isophorone	7.53	82	797398	39.035	ng	99
26) 2-Nitrophenol	7.60	139	238792	40.697	ng	98
27) 2,4-Dimethylphenol	7.65	122	377326	45.068	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	507560	36.500	ng	99
29) 2,4-Dichlorophenol	7.85	162	350080	38.298	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	381951	36.540	ng	99
31) Naphthalene	8.00	128	1172392	37.106	ng	100
32) Benzoic acid	7.80	122	186409	31.351	ng	97
33) 4-Chloroaniline	8.06	127	438578	31.347	ng	99
34) Hexachlorobutadiene	8.12	225	216353	34.974	ng	99
35) Caprolactam	8.44	113	128750m	43.006	ng	
36) 4-Chloro-3-methylphenol	8.55	107	364993	39.480	ng	99
37) 2-Methylnaphthalene	8.69	142	791551	38.652	ng	100
38) 1-Methylnaphthalene	8.79	142	739389	37.972	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	366264	38.436	ng	99

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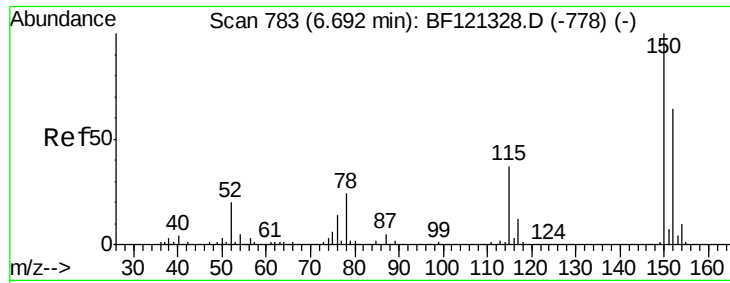
Manual Integrations
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 8/24/2020 1:50:01 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	313354	82.795	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	249305	38.268	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	268939	40.125	nq	99
46) 1,1'-Biphenyl	9.16	154	942533	39.167	nq	100
47) 2-Chloronaphthalene	9.18	162	728380	36.739	nq	100
48) 2-Nitroaniline	9.29	65	240865	38.586	nq	89
49) Acenaphthylene	9.60	152	1144474	38.865	nq	100
50) Dimethylphthalate	9.46	163	876257	37.514	nq	100
51) 2,6-Dinitrotoluene	9.53	165	197534	39.597	nq	94
52) Acenaphthene	9.77	154	670598	37.479	nq	98
53) 3-Nitroaniline	9.70	138	173865	27.861	nq	100
54) 2,4-Dinitrophenol	9.82	184	199096	82.784	nq	90
55) Dibenzofuran	9.94	168	978176	42.537	nq	99
56) 4-Nitrophenol	9.88	139	281995	73.271	nq	93
57) 2,4-Dinitrotoluene	9.93	165	235522	38.700	nq	91
58) Fluorene	10.29	166	751468	44.693	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	222844	38.894	nq	99
60) Diethylphthalate	10.16	149	828584	36.326	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	361660	42.397	nq	100
62) 4-Nitroaniline	10.32	138	228246	35.696	nq	99
63) Azobenzene	10.43	77	799413	37.733	nq	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	142645	44.440	nq	86
66) n-Nitrosodiphenylamine	10.40	169	727325	39.286	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	250755	37.663	nq	98
68) Hexachlorobenzene	10.83	284	283455	36.935	nq	94
69) Atrazine	10.93	200	209665	36.558	nq	100
70) Pentachlorophenol	11.03	266	279795	81.941	nq	99
71) Phenanthrene	11.25	178	1129167	36.350	nq	100
72) Anthracene	11.29	178	1191646	39.836	nq	100
73) Carbazole	11.45	167	1127273	39.486	nq	100
74) Di-n-butylphthalate	11.78	149	1282324	37.249	nq	100
75) Fluoranthene	12.43	202	1278802	37.928	nq	98
77) Benzidine	12.56	184	826001	64.699	nq	99
78) Pyrene	12.66	202	1294433	37.187	nq	99
80) Butylbenzylphthalate	13.27	149	557472	37.271	nq	99
81) Benzo(a)anthracene	13.84	228	1062961	36.931	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	371508	33.618	nq	99
83) Chrysene	13.89	228	1102354	37.448	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	651647	37.047	nq	99
85) Di-n-octyl phthalate	14.44	149	1286915	39.534	nq	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1212416	39.758	nq	99
88) Benzo(b)fluoranthene	14.87	252	1154254	35.764	nq	99
89) Benzo(k)fluoranthene	14.90	252	1099725	38.709	nq	99
90) Benzo(a)pyrene	15.21	252	1043766	37.429	nq	99
91) Dibenzo(a,h)anthracene	16.65	278	995085	39.798	nq	99
92) Benzo(g,h,i)perylene	17.05	276	1024200	41.900	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



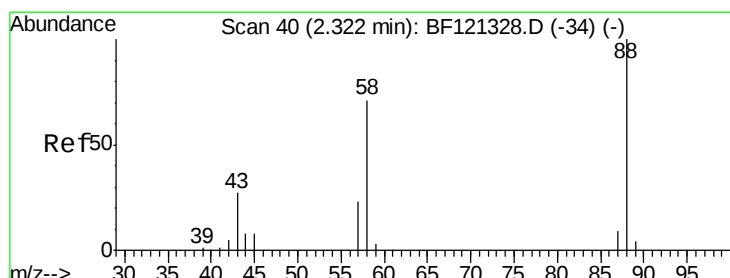
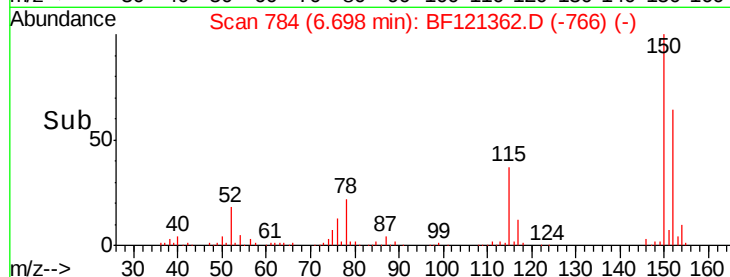
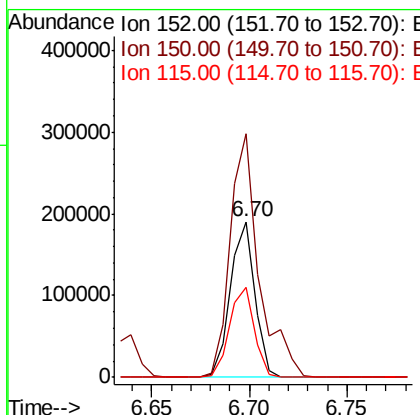
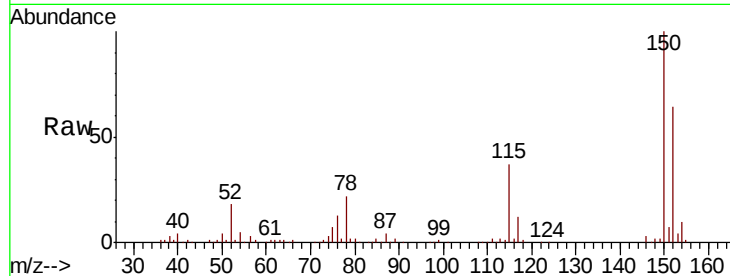
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.8	187.2
115	57.7	46.1	69.1

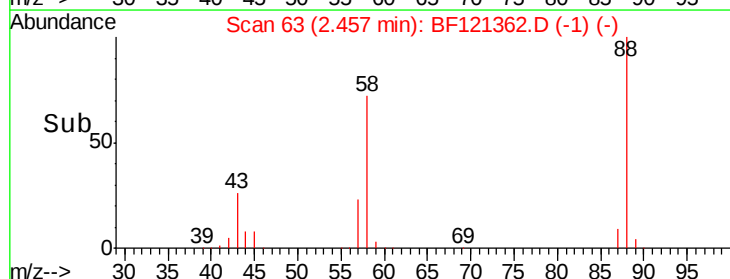
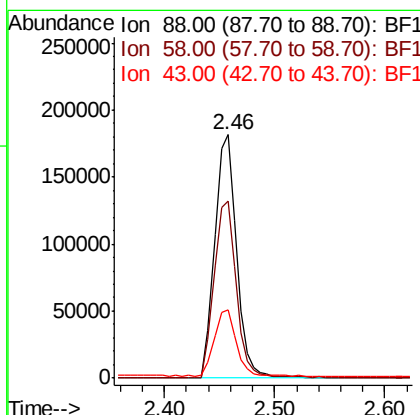
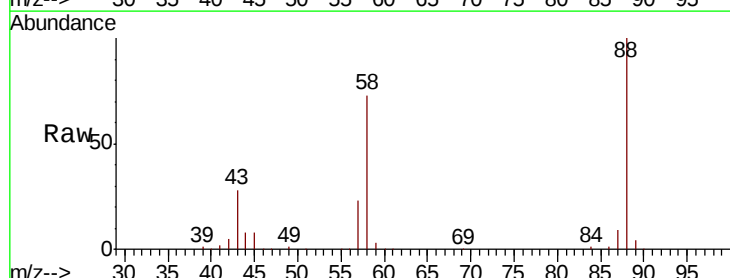
Manual Integrations
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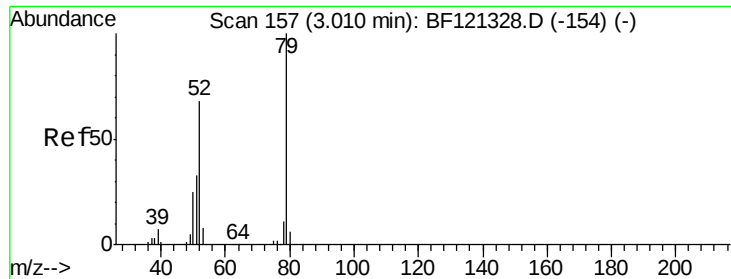
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#2
 1,4-Dioxane
 Concen: 54.523 ng
 RT: 2.46 min Scan# 63
 Delta R.T. 0.14 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	58.5	87.7
43	27.4	21.8	32.8





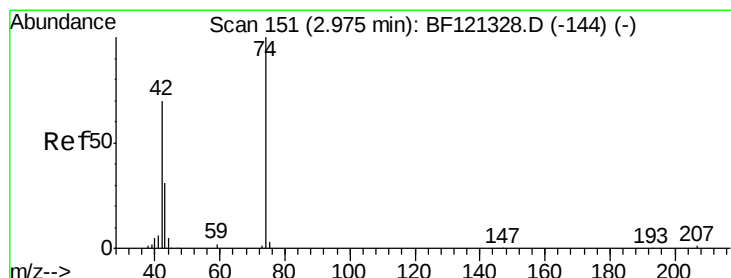
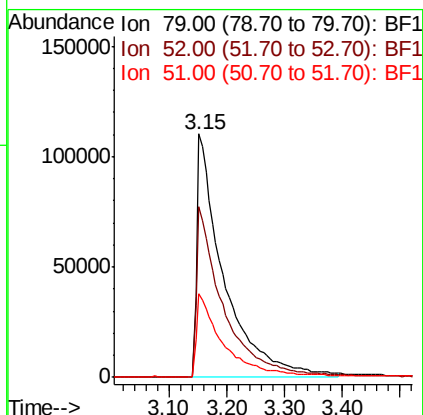
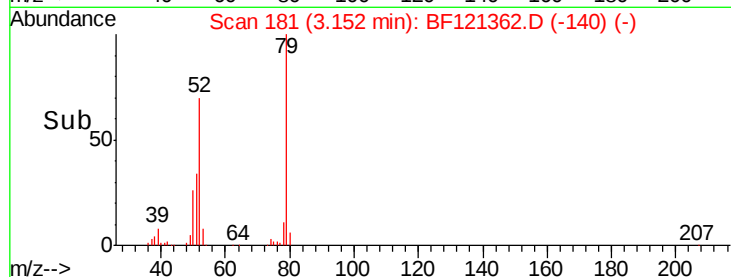
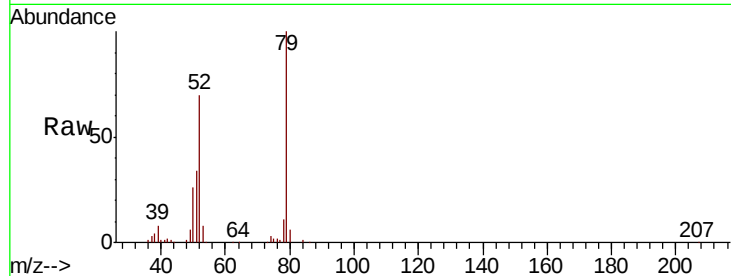
#3
 Pvridine
 Concen: 29.245 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.14 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.9	54.6	82.0
51	34.2	27.0	40.6

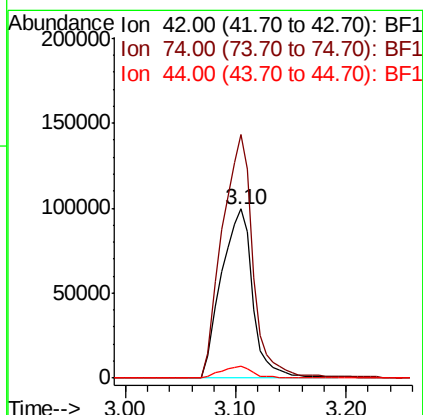
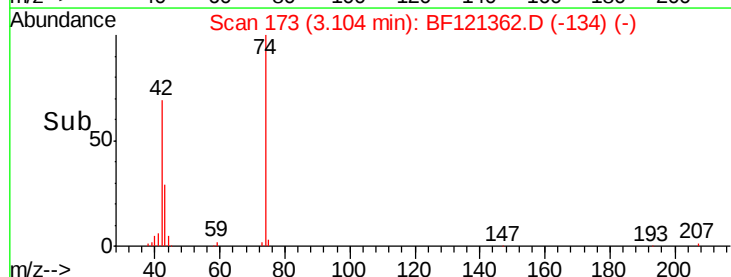
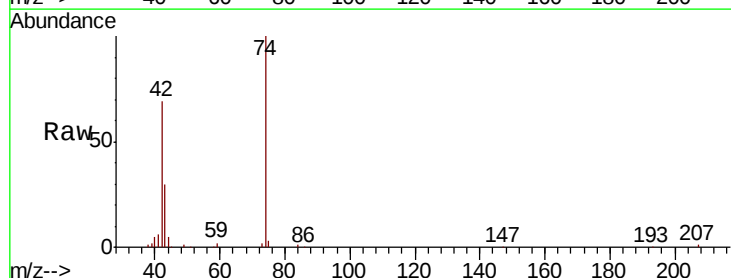
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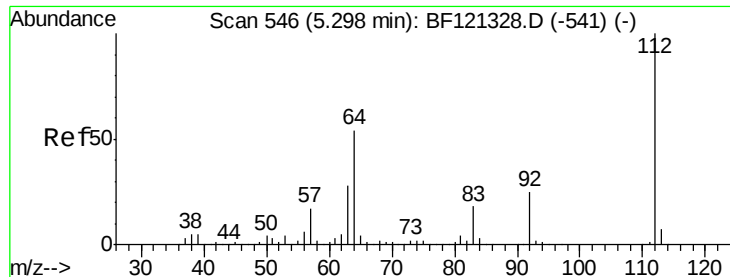
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#4
 n-Nitrosodimethylamine
 Concen: 39.604 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.13 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.1	114.2	171.2
44	7.3	5.4	8.2





#5

2-Fluorophenol

Concen: 92.944 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

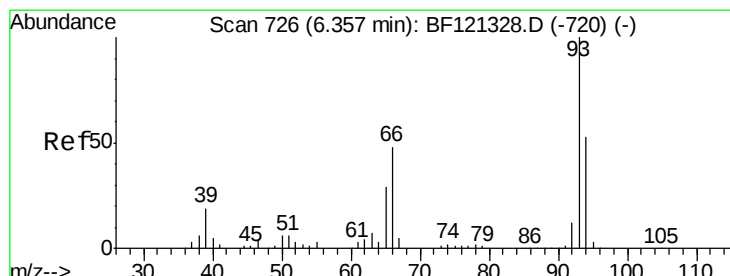
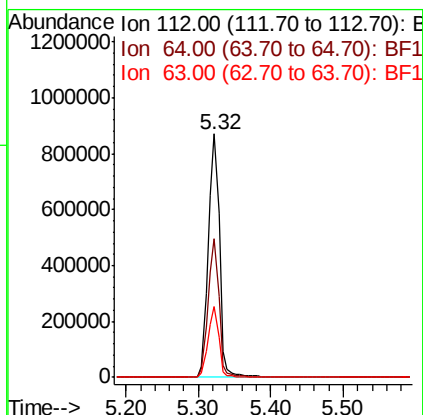
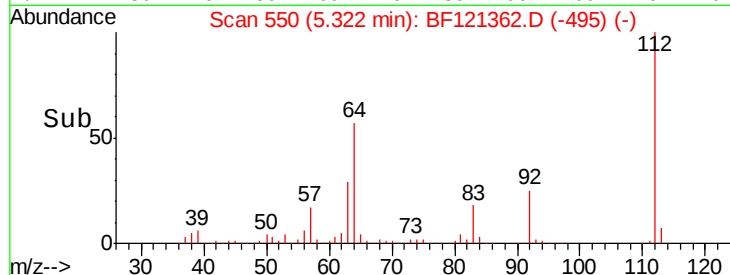
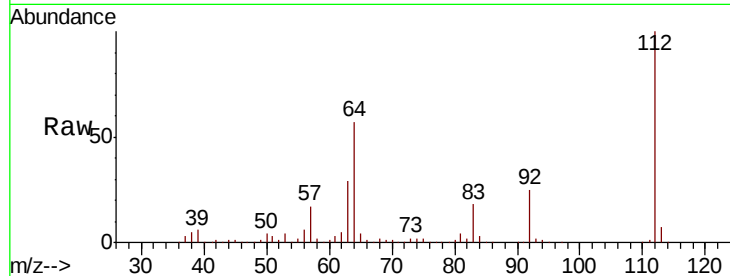
ClientSampled :

PB130970BS

Tot Ion:	112	Resp:	939639
Ion Ratio	Lower	Upper	
112	100		
64	57.0	43.5	65.3
63	29.2	22.0	33.0

Manual Integrations
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#6

Aniline

Concen: 32.137 ng

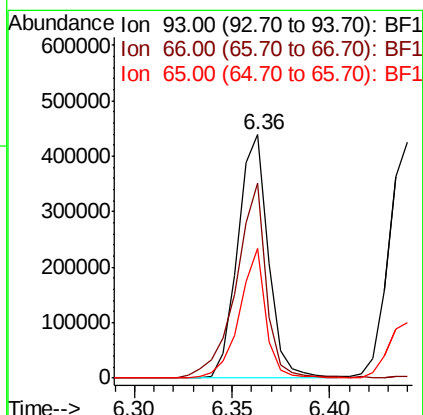
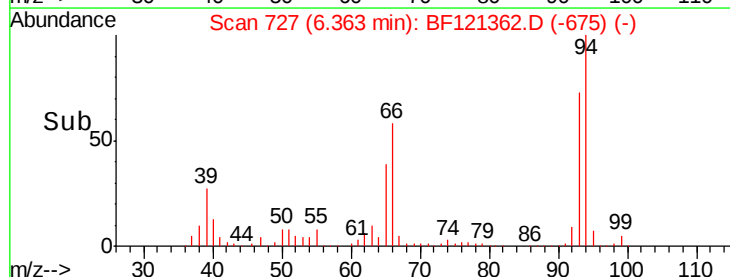
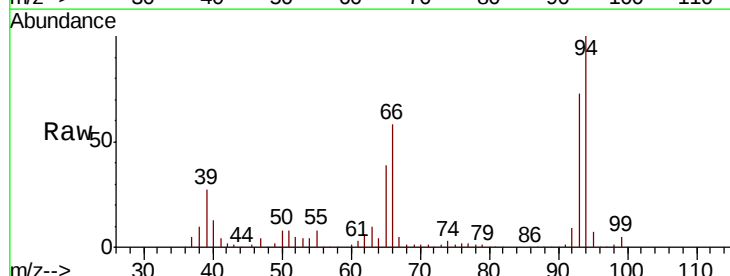
RT: 6.36 min Scan# 727

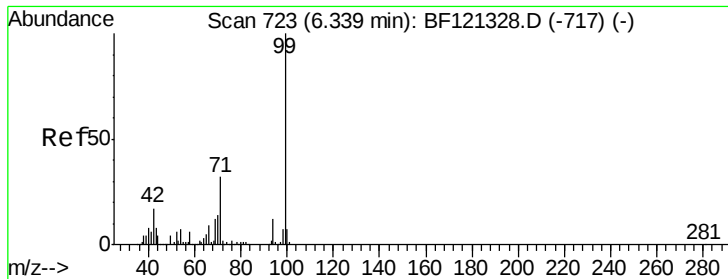
Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Tgt Ion:	93	Resp:	478919
Ion Ratio	Lower	Upper	
93	100		
66	80.2	40.2	60.2#
65	53.2	23.6	35.4#





#7

Phenol-d6

Concen: 86.116 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

ClientSampled :

PB130970BS

Tot Ion: 99 Resp: 1111417

Ion Ratio Lower Upper

99 100

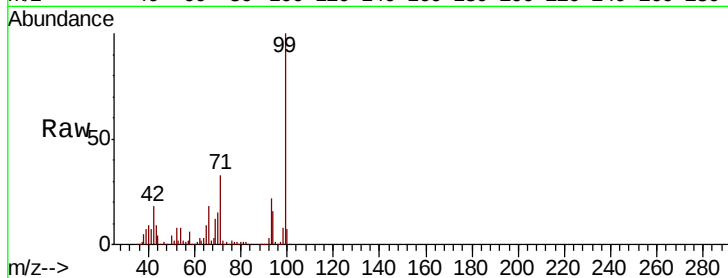
42 17.9 13.5 20.3

71 32.9 25.2 37.8

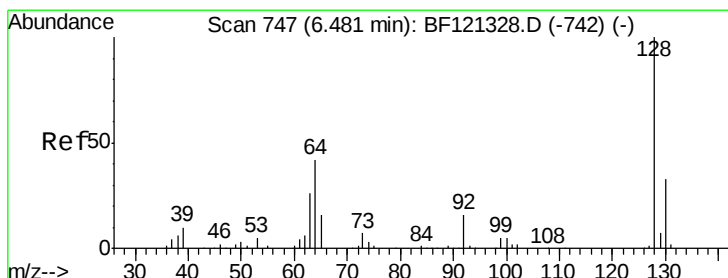
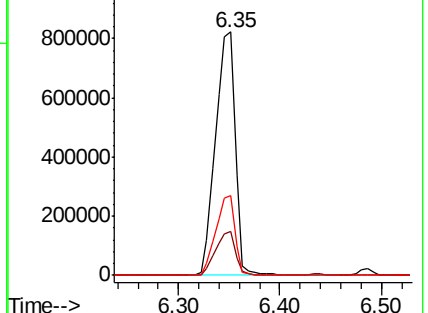
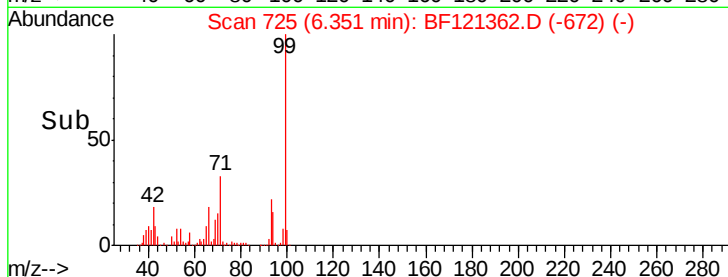
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.413 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

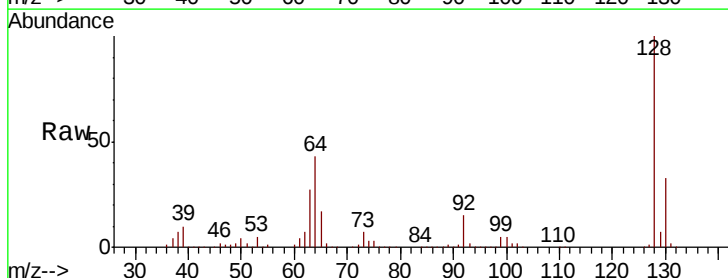
Tgt Ion: 128 Resp: 437589

Ion Ratio Lower Upper

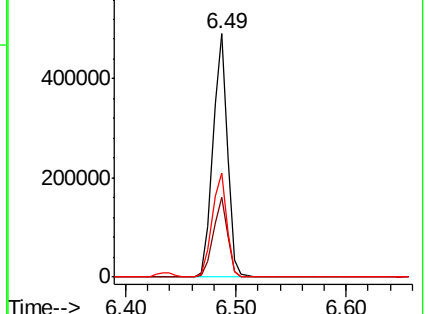
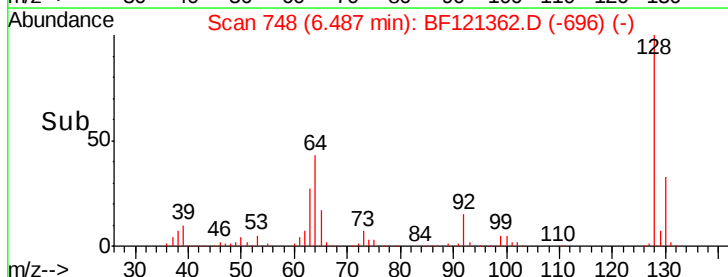
128 100

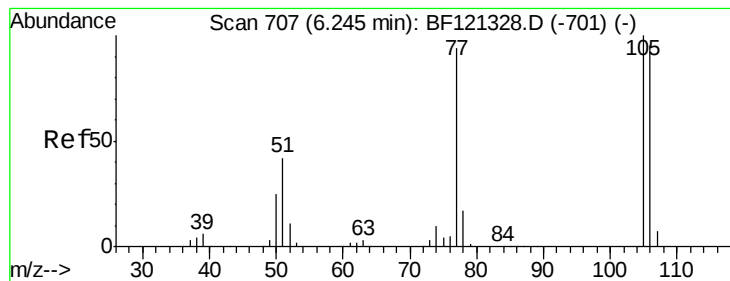
130 32.9 12.8 52.8

64 43.0 23.4 63.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.959 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

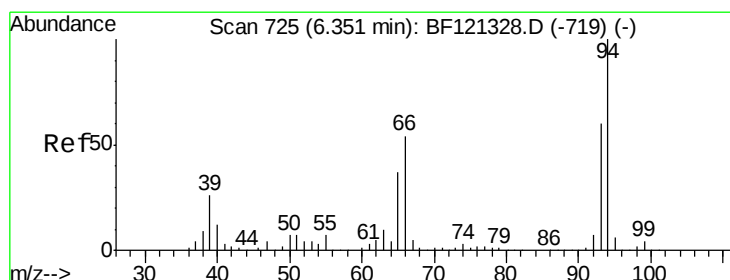
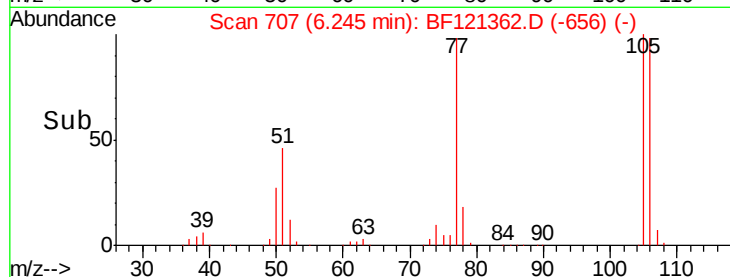
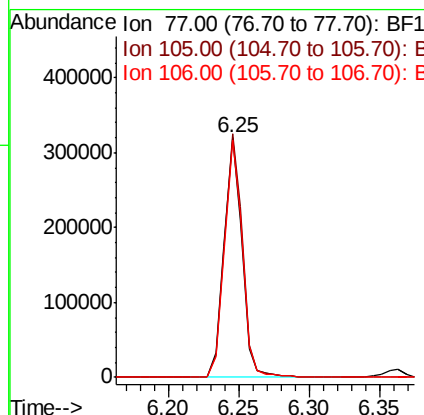
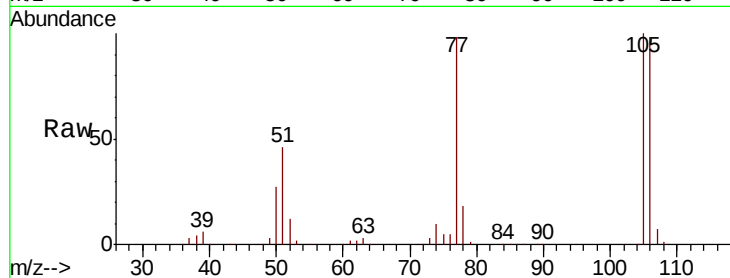
ClientSampleID :

PB130970BS

Tot Ion:	77	Resp:	282862
Ion Ratio	Lower	Upper	
77	100		
105	101.7	86.3	126.3
106	99.2	81.2	121.2

Manual Integrations
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#10

Phenol

Concen: 35.686 ng

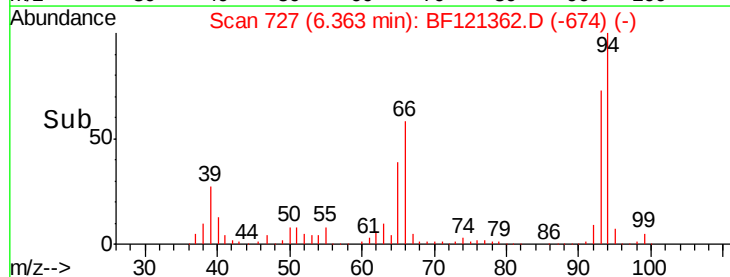
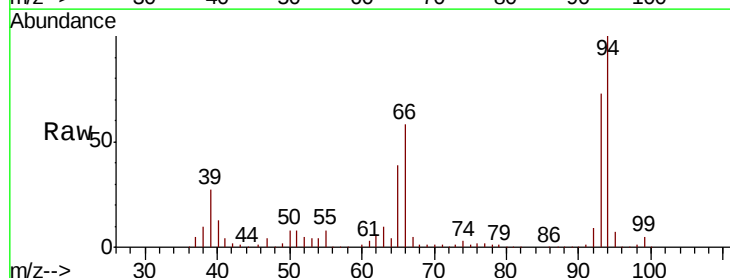
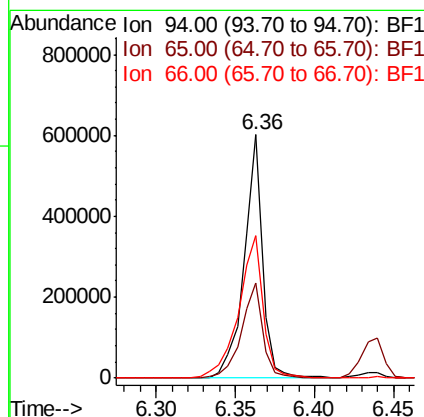
RT: 6.36 min Scan# 727

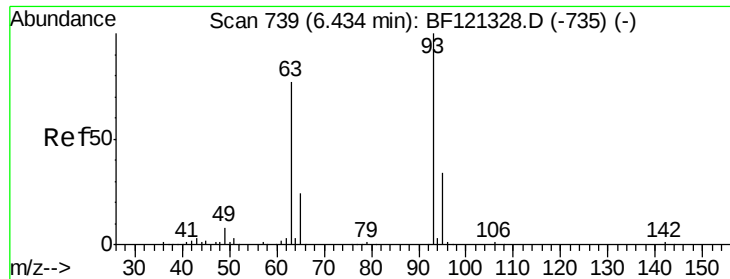
Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Tgt Ion:	94	Resp:	482921
Ion Ratio	Lower	Upper	
94	100		
65	38.8	16.6	56.6
66	58.5	34.3	74.3





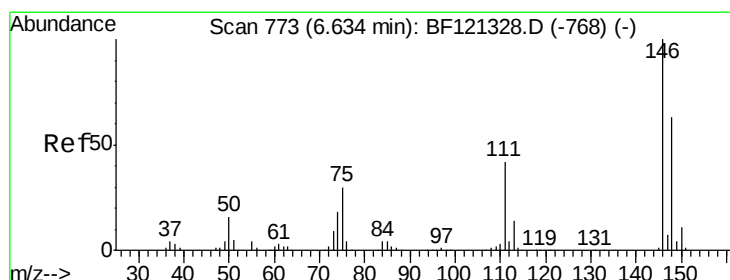
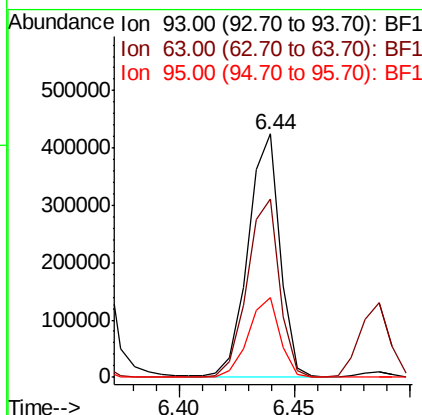
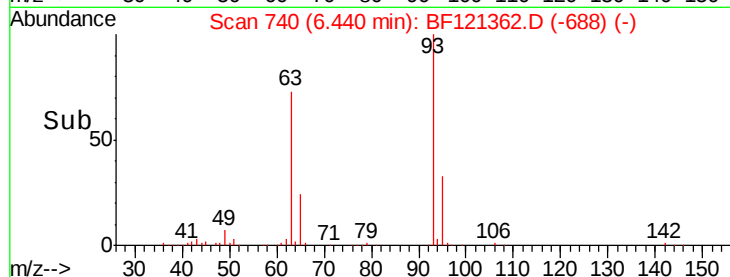
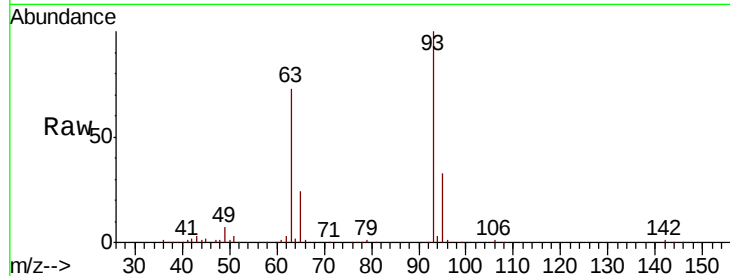
#11
bis(2-Chloroethyl)ether
Concen: 39.298 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion:	93	Resp:	409570
Ion Ratio	Lower	Upper	
93	100		
63	73.4	56.4	96.4
95	32.5	13.5	53.5

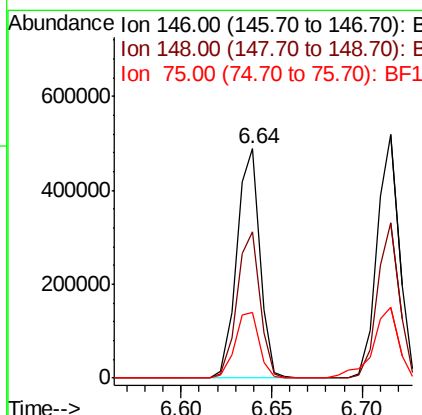
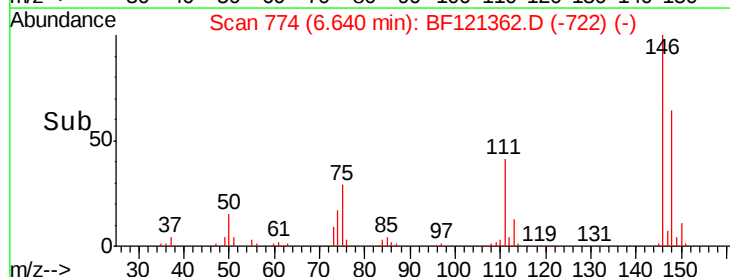
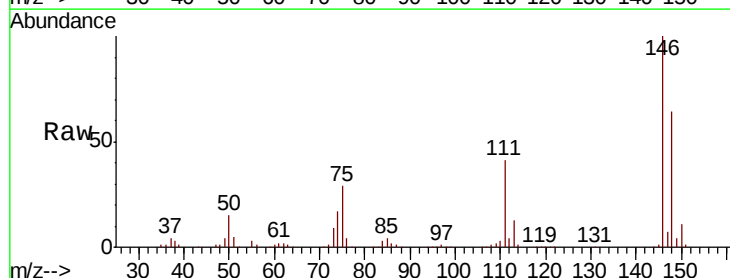
Manual Integrations
APPROVED

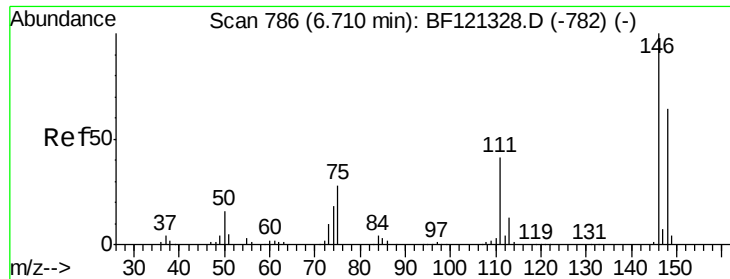
Sohil
8/24/2020 1:50:01 PM



#12
1,3-Dichlorobenzene
Concen: 36.520 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion:	146	Resp:	432335
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.7	76.1
75	28.6	23.8	35.6





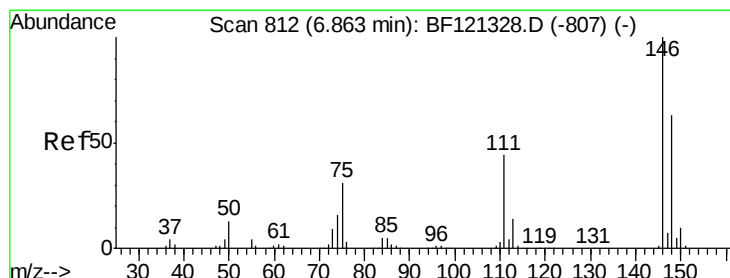
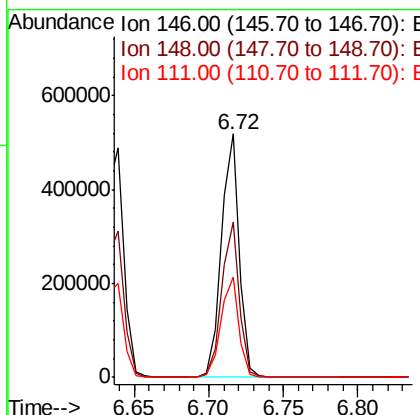
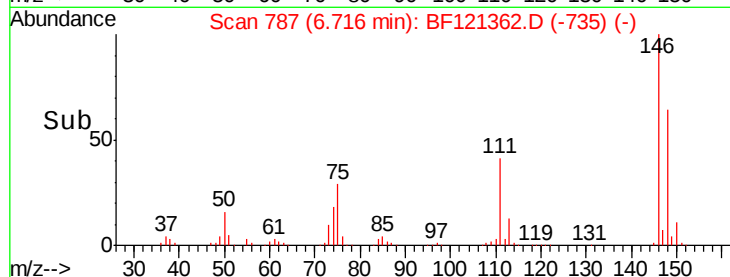
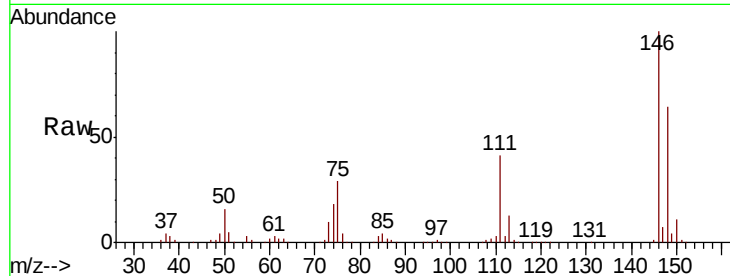
#13
 1,4-Dichlorobenzene
 Concen: 36.703 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	41.1	33.3	49.9

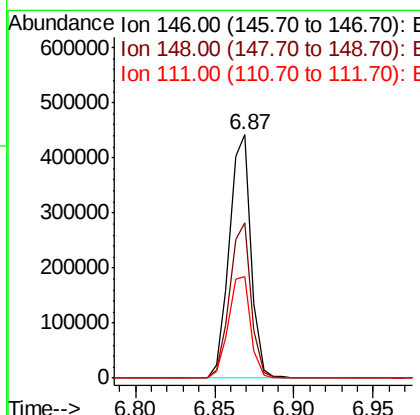
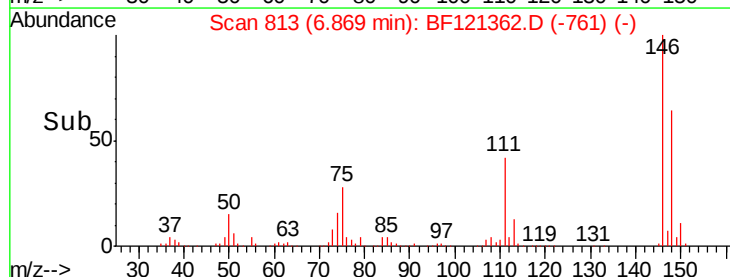
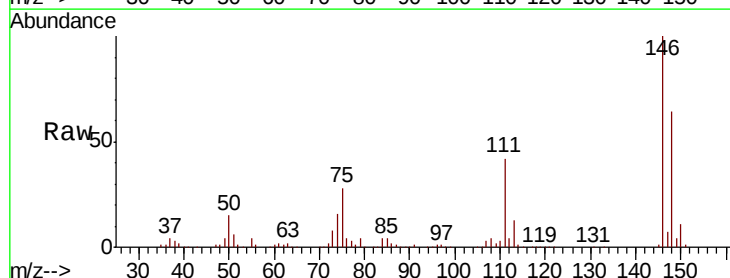
Manual Integrations
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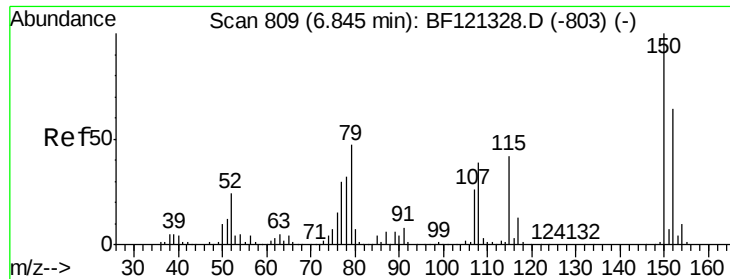
Sohil
 8/24/2020 1:50:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.814 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	41.9	35.5	53.3





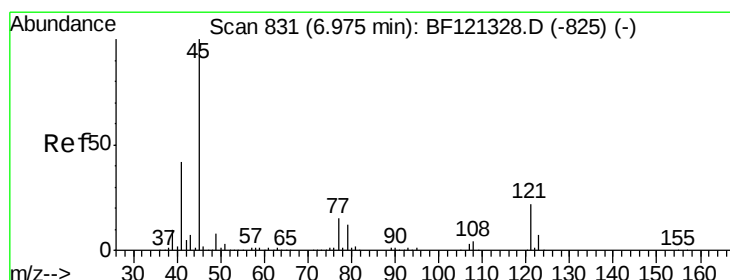
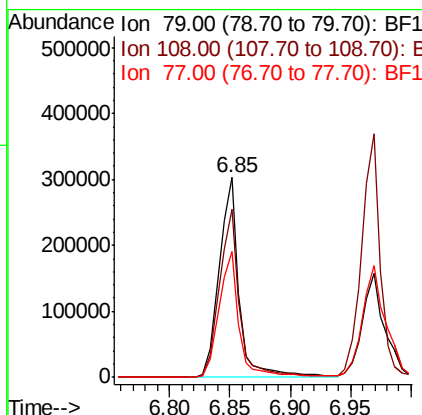
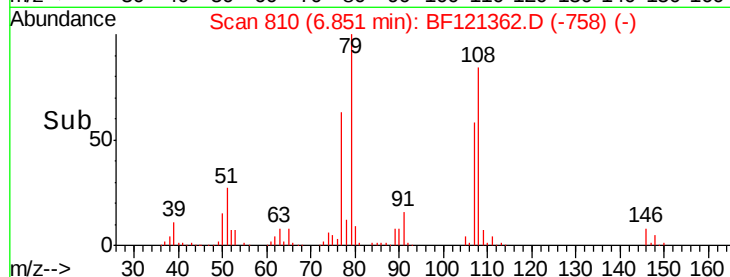
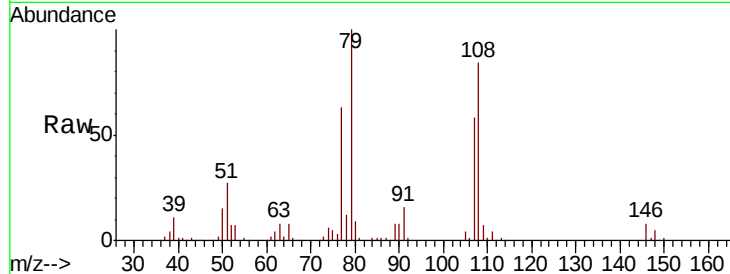
#15
Benzyl Alcohol
Concen: 44.438 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampled :
PB130970BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.3	65.2	97.8
77	63.2	51.4	77.0

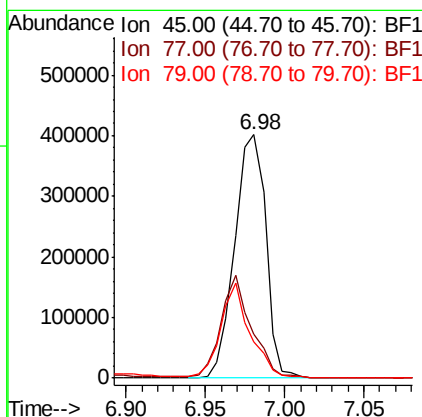
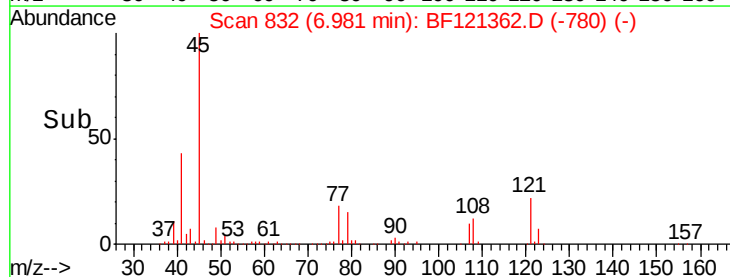
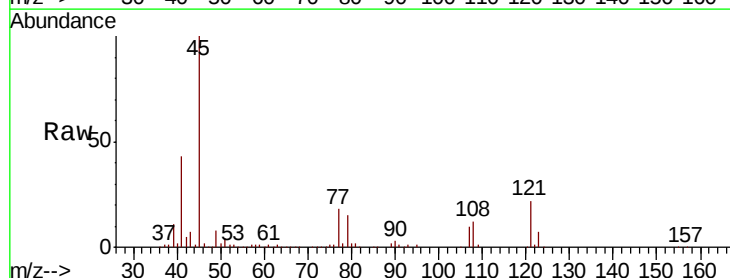
Manual Integrations
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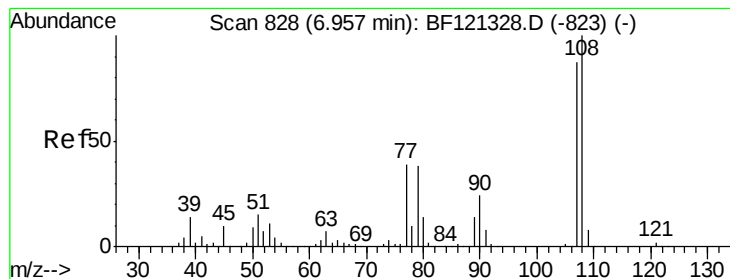
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.664 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	35.6
79	14.8	0.0	32.5





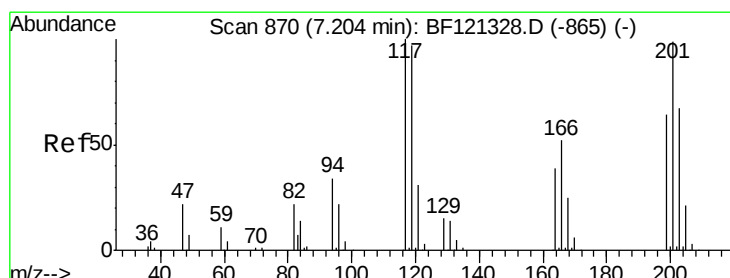
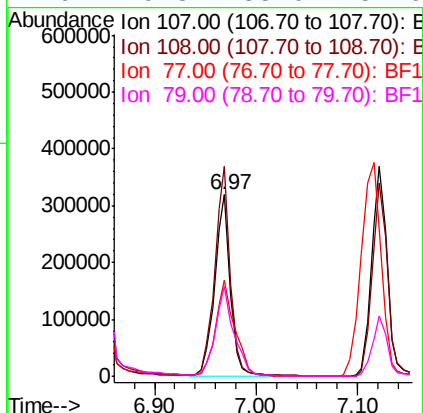
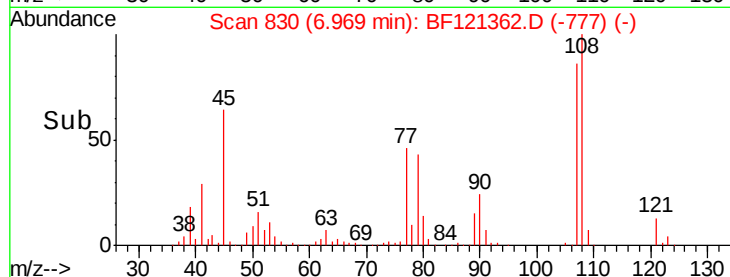
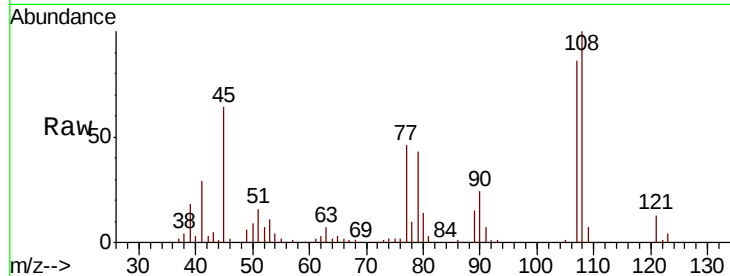
#17
2-Methylphenol
Concen: 39.423 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	343714		
108	115.8	92.4	138.6	
77	52.9	36.1	54.1	
79	49.3	35.0	52.6	

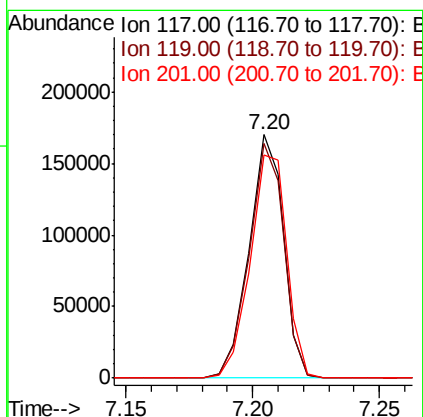
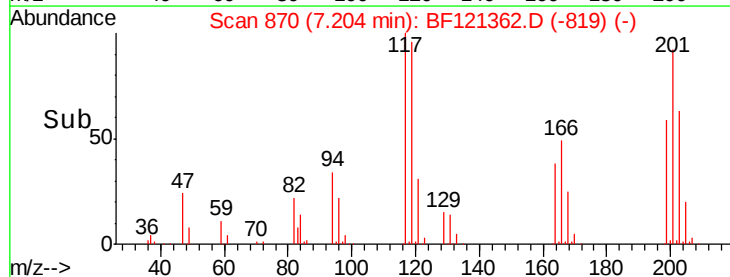
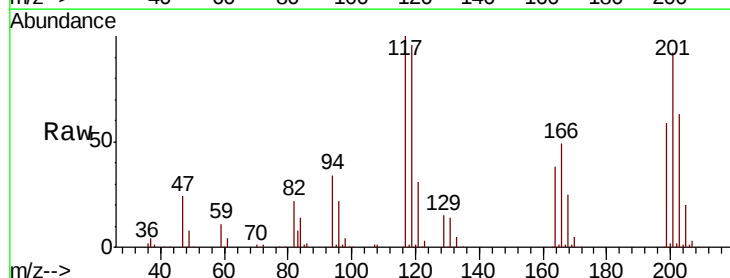
Manual Integrations
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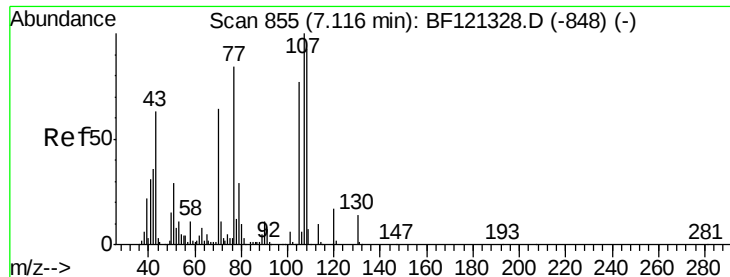
Sohil
8/24/2020 1:50:01 PM



#18
Hexachloroethane
Concen: 36.442 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	162164		
119	96.5	77.9	116.9	
201	91.5	79.4	119.0	





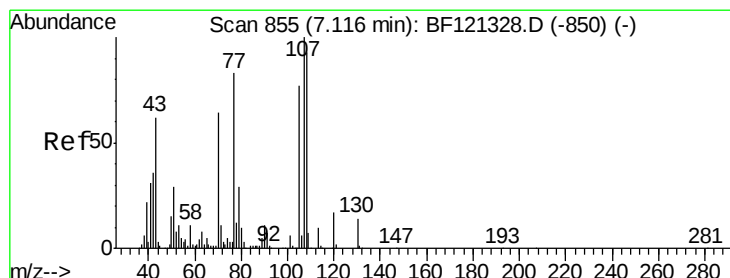
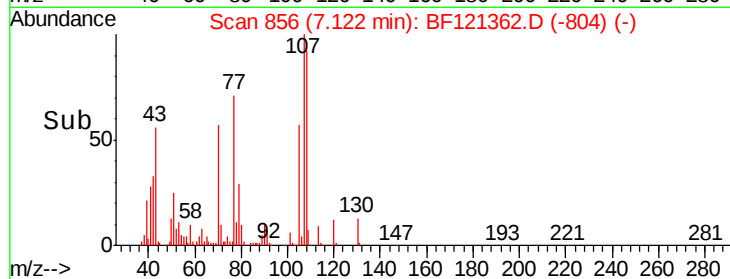
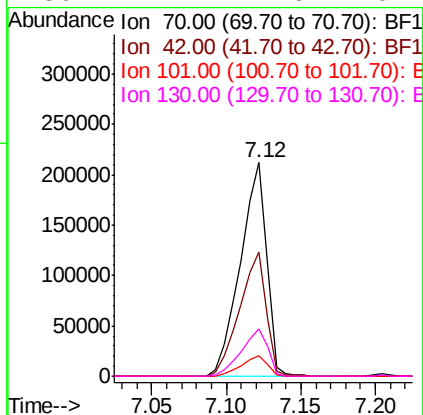
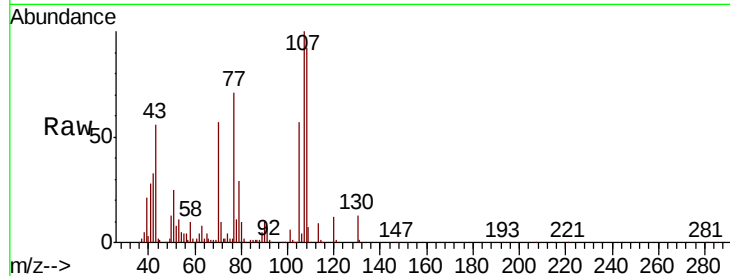
#19
n-Nitroso-di-n-propylamine
Concen: 37.521 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	45.2	67.8
101	9.6	7.7	11.5
130	22.2	17.6	26.4

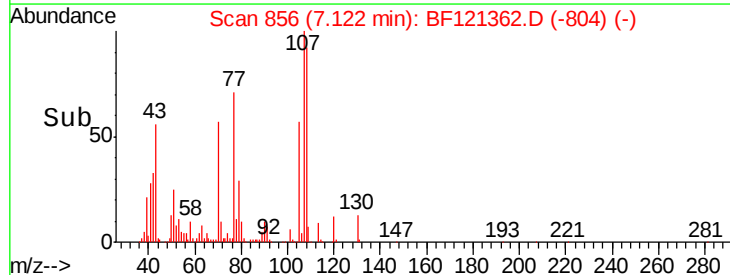
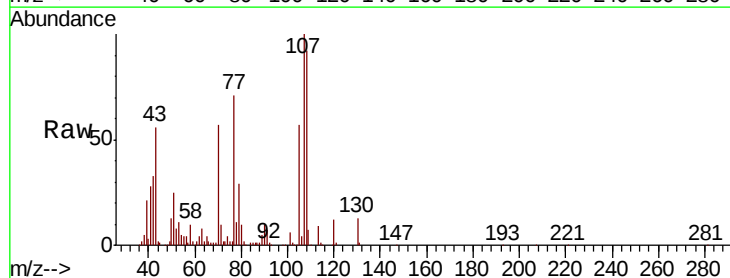
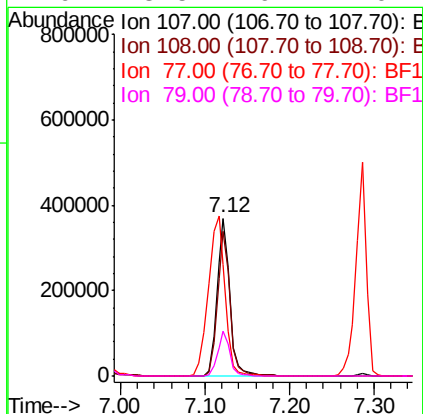
Manual Integrations
APPROVED

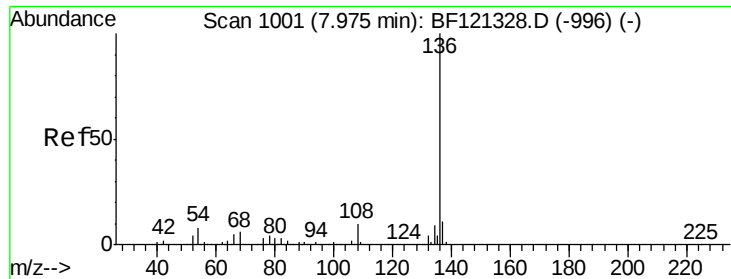
Sohil
8/24/2020 1:50:01 PM



#20
3+4-Methylphenols
Concen: 46.142 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	72.6	112.6
77	70.5	63.8	103.8
79	28.5	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

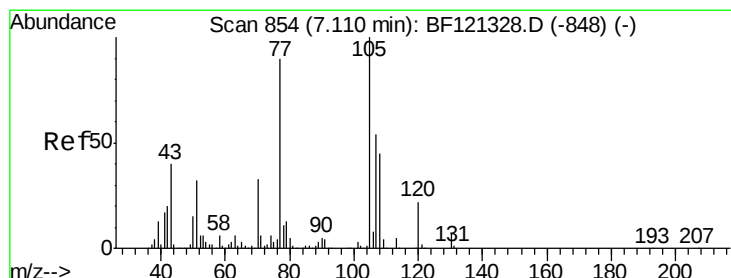
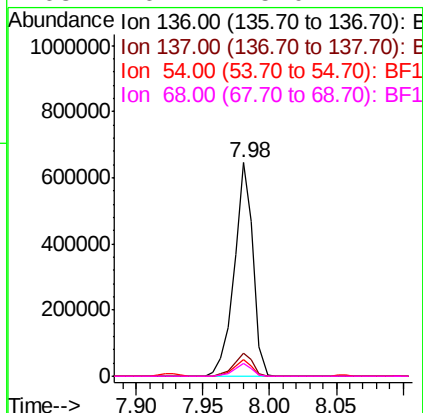
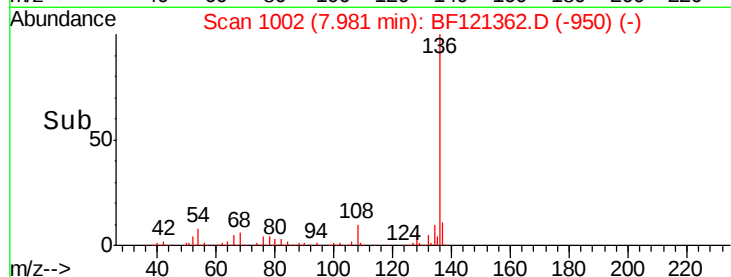
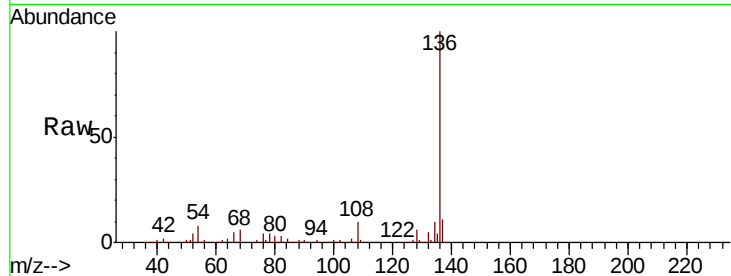
ClientSampleID :

PB130970BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	634845		
137	11.1	8.9	13.3	
54	7.8	6.1	9.1	
68	6.1	5.0	7.4	

Manual Integrations
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8/24/2020 1:50:01 PM



#22

Acetophenone

Concen: 36.932 ng

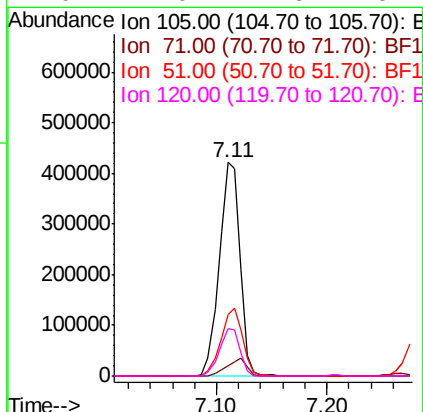
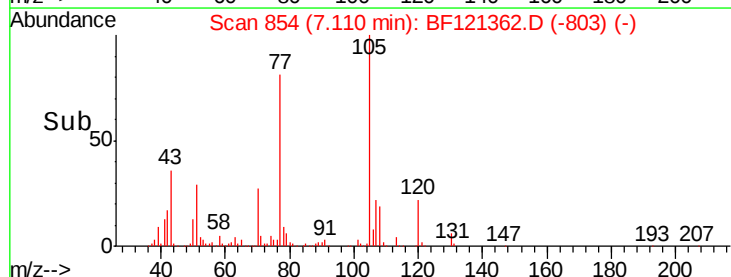
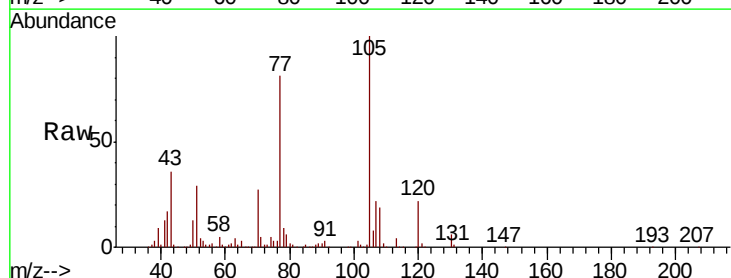
RT: 7.11 min Scan# 854

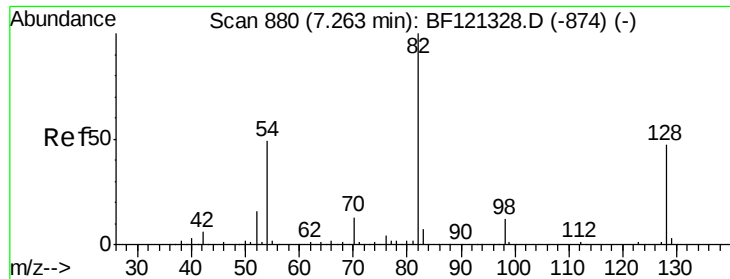
Delta R.T. 0.00 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	548153		
71	4.6	4.5	6.7	
51	29.1	25.4	38.0	
120	22.0	17.6	26.4	





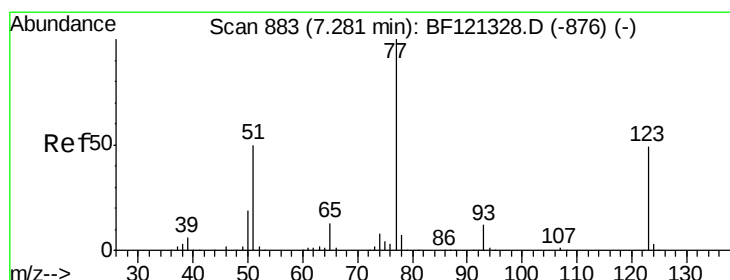
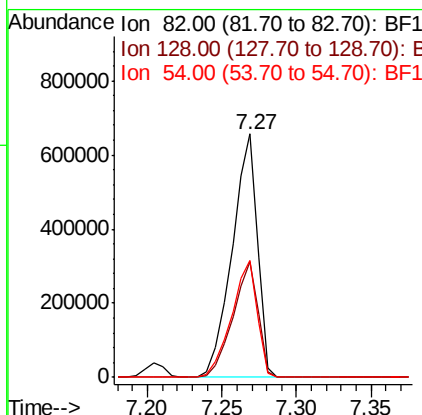
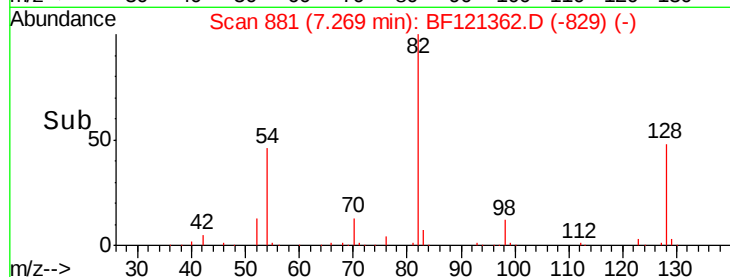
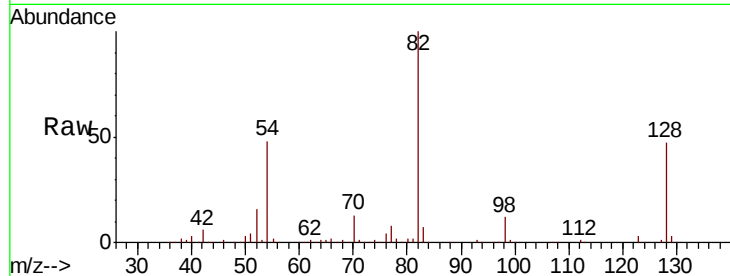
#23
Nitrobenzene-d5
Concen: 69.506 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampled :
PB130970BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.9	56.9
54	47.8	39.0	58.4

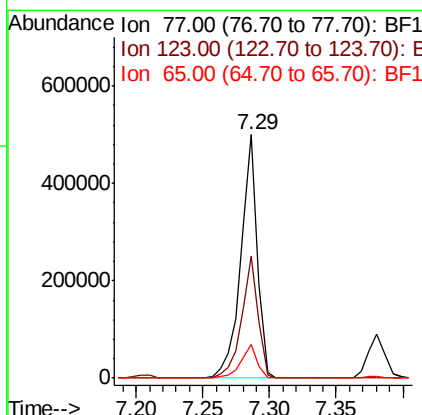
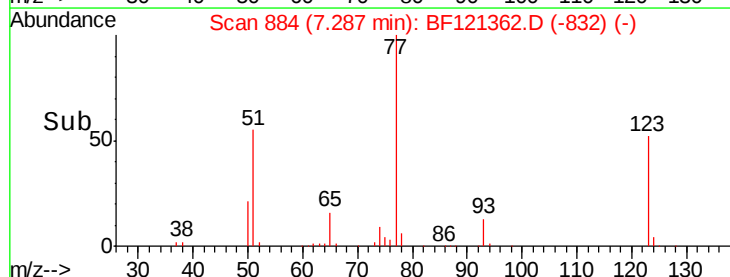
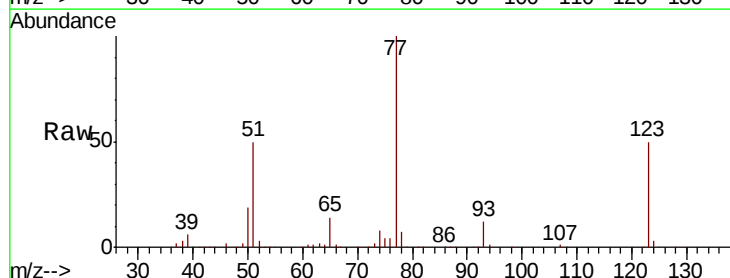
Manual Integrations
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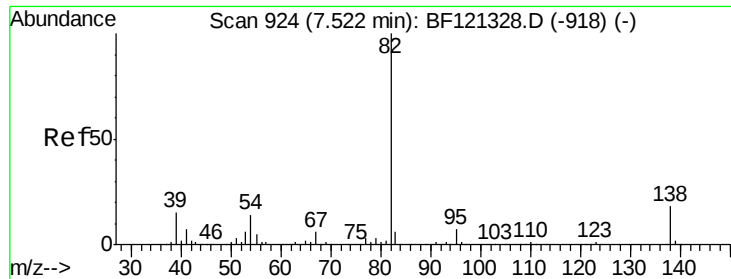
Sohil
8/24/2020 1:50:01 PM



#24
Nitrobenzene
Concen: 37.671 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	39.2	58.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 39.035 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

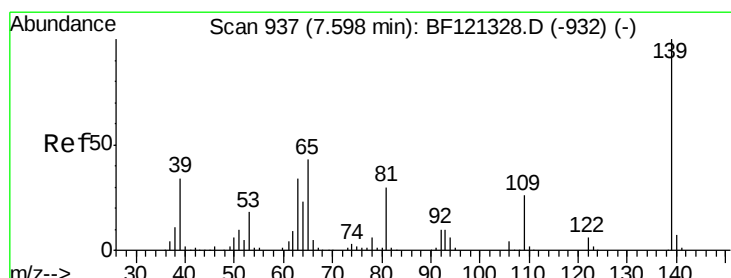
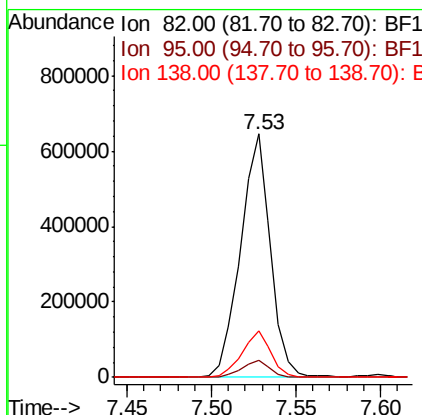
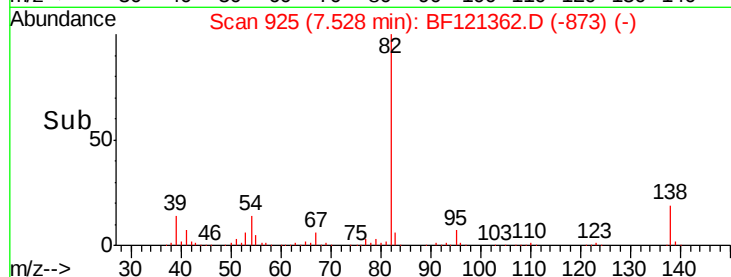
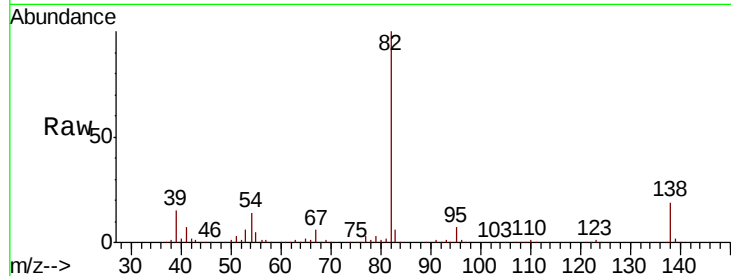
ClientSampleId :

PB130970BS

Tot Ion:	82	Resp:	797398
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.9	14.6	21.8

Manual Integrations
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Sohil
8/24/2020 1:50:01 PM



#26

2-Nitrophenol

Concen: 40.697 ng

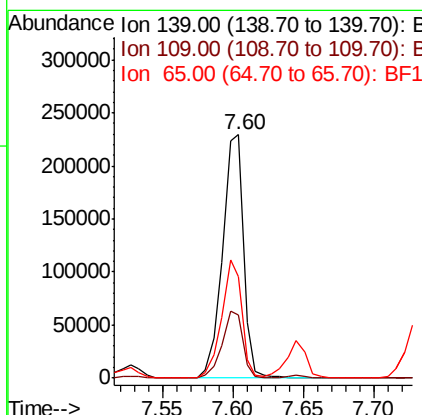
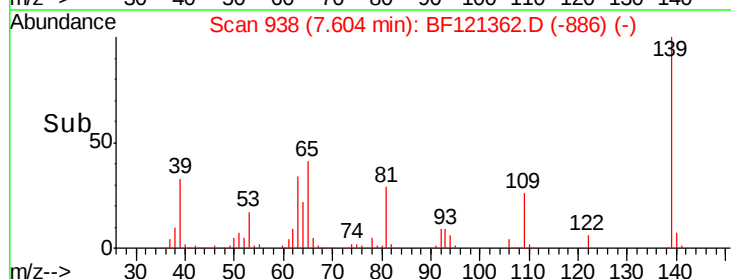
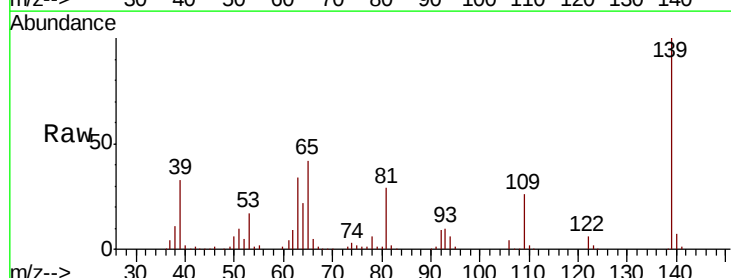
RT: 7.60 min Scan# 938

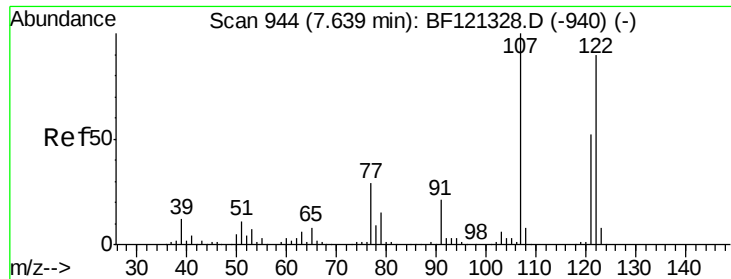
Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Tgt Ion:	139	Resp:	238792
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.1	31.7
65	41.7	34.5	51.7





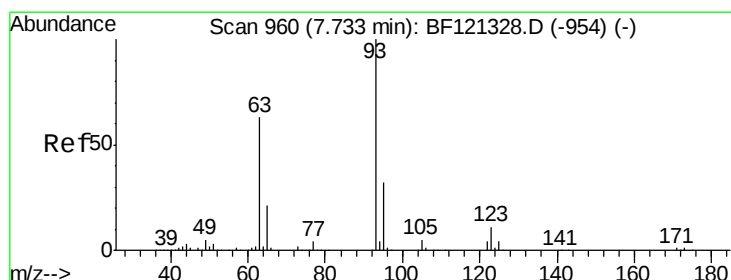
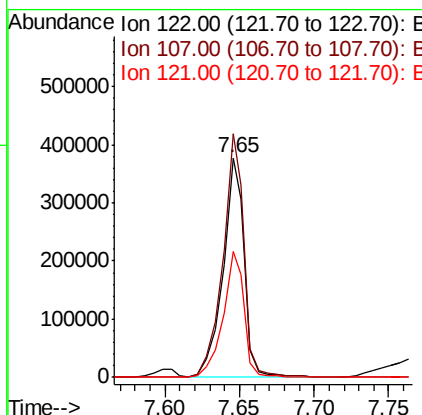
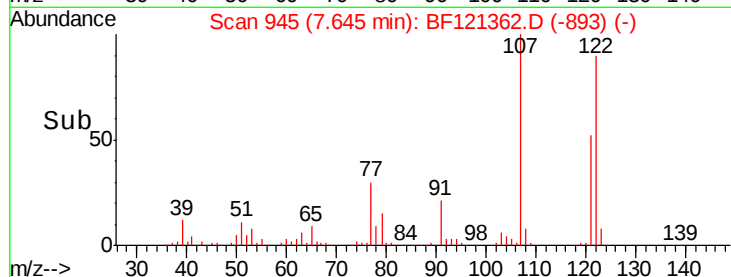
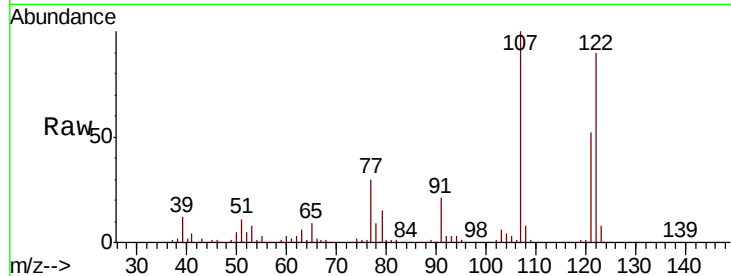
#27
2,4-Dimethylphenol
Concen: 45.068 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleID :
PB130970BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	89.0	133.4
121	57.2	46.4	69.6

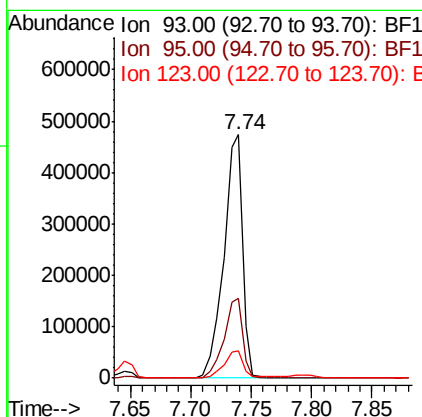
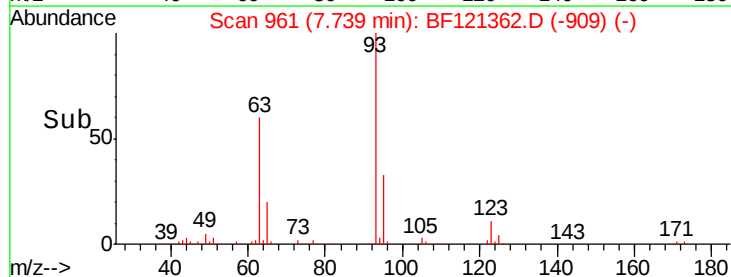
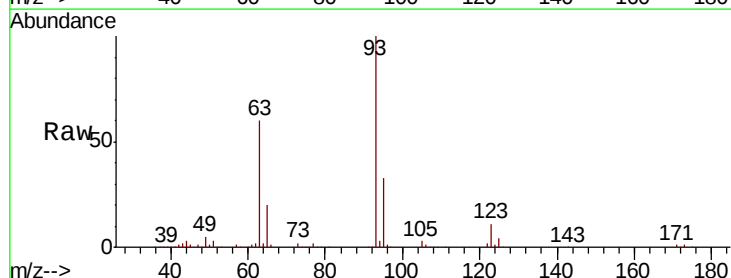
Manual Integrations
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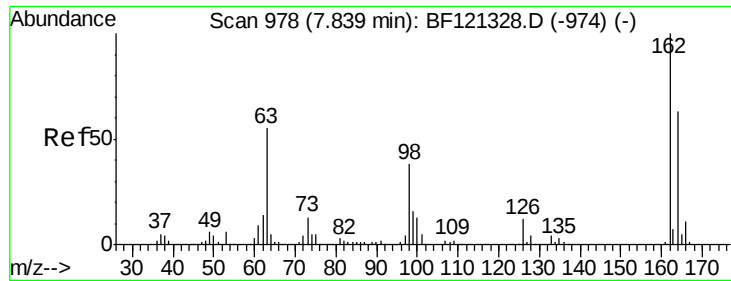
Sohil
8/24/2020 1:50:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.500 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.8
123	11.3	9.0	13.6





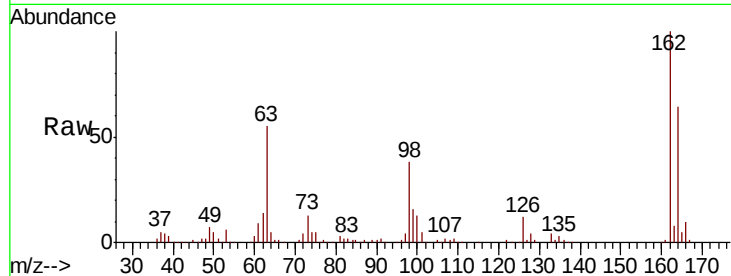
#29
2,4-Dichlorophenol
Concen: 38.298 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

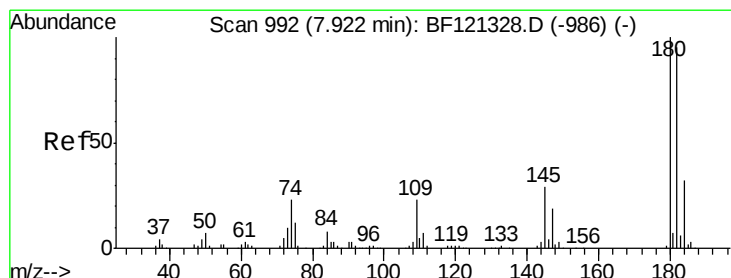
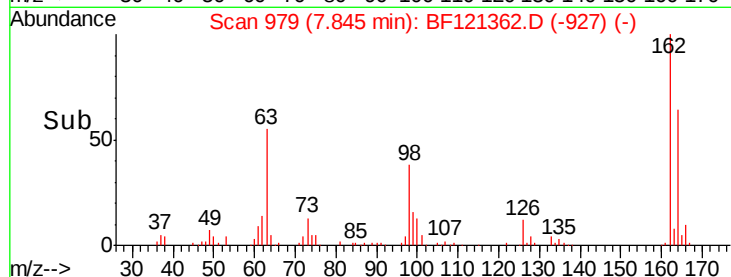
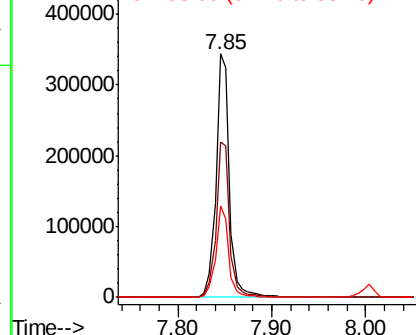
Tot Ion:	162	Resp:	350080
Ion Ratio	Lower	Upper	
162	100		
164	63.9	43.4	83.4
98	37.6	18.1	58.1

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8/24/2020 1:50:01 PM

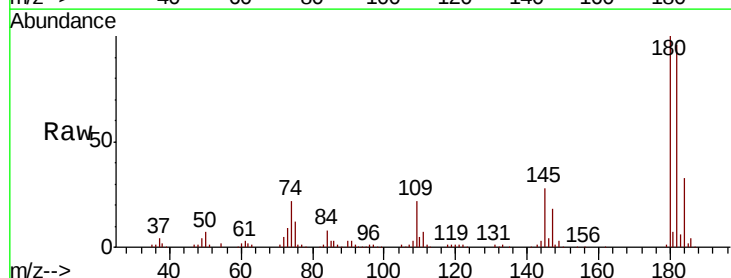


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

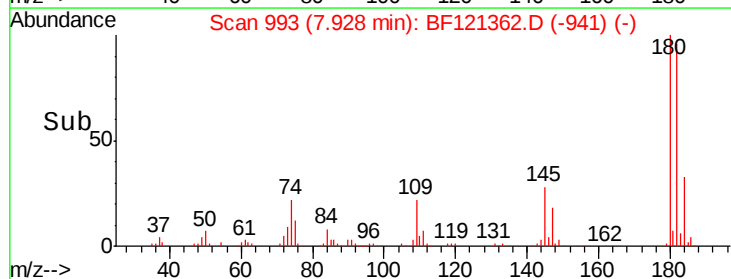
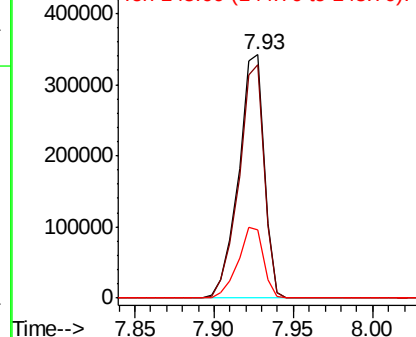


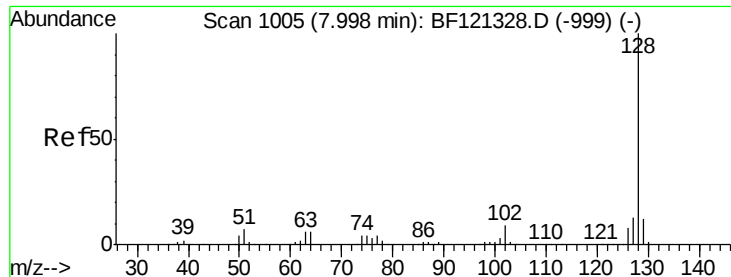
#30
1,2,4-Trichlorobenzene
Concen: 36.540 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion:	180	Resp:	381951
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.9	113.9
145	28.3	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





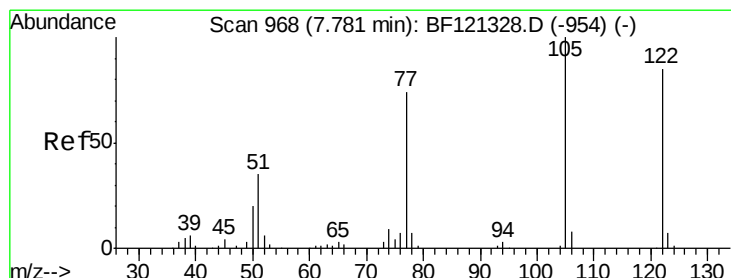
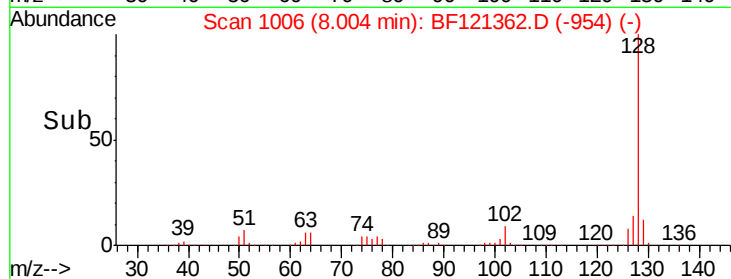
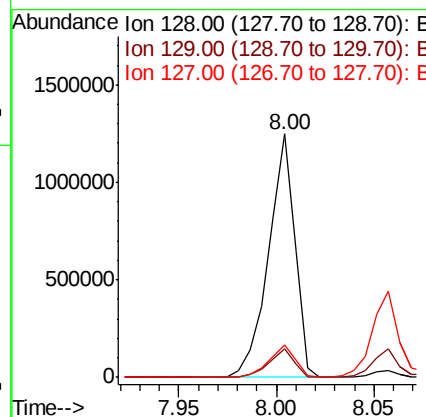
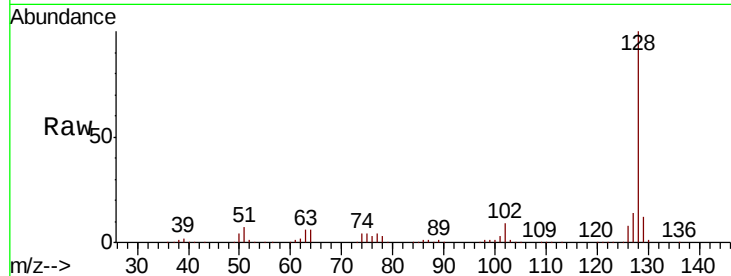
#31
Naphthalene
Concen: 37.106 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.6	10.6	16.0

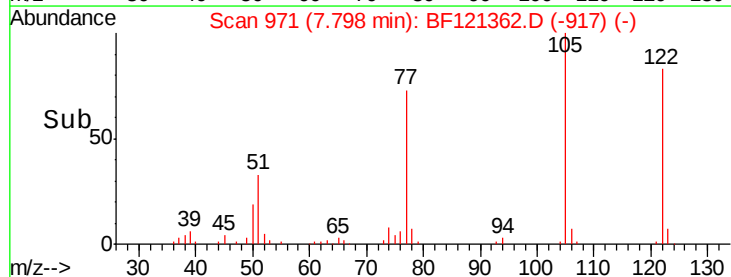
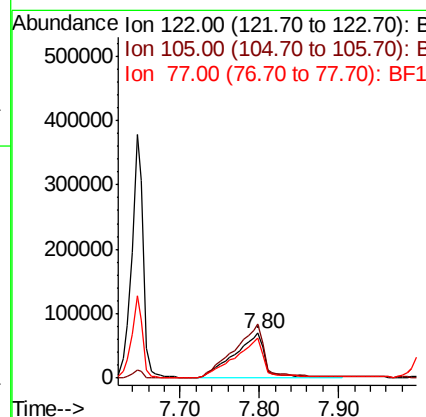
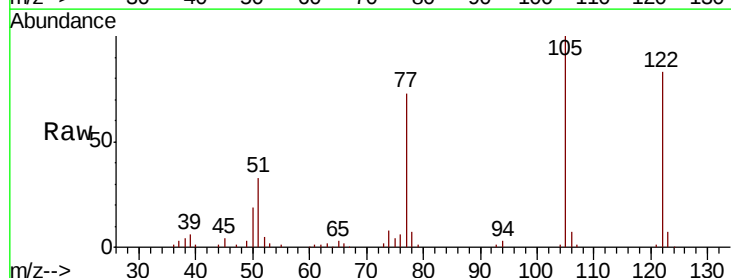
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8/24/2020 1:50:01 PM



#32
Benzoic acid
Concen: 31.351 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	96.7	136.7
77	88.5	66.7	106.7





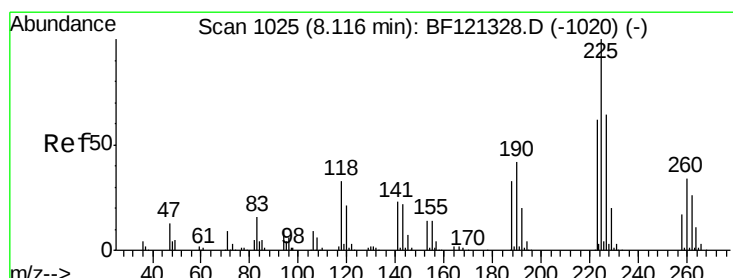
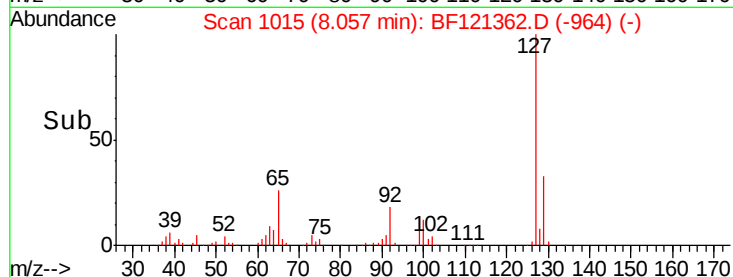
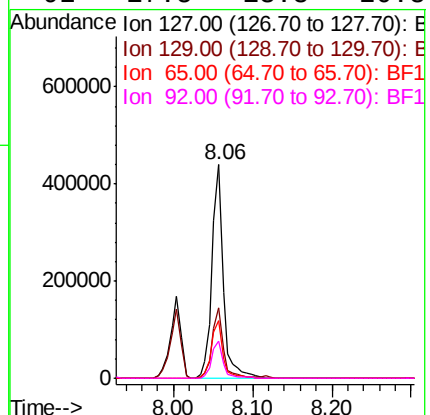
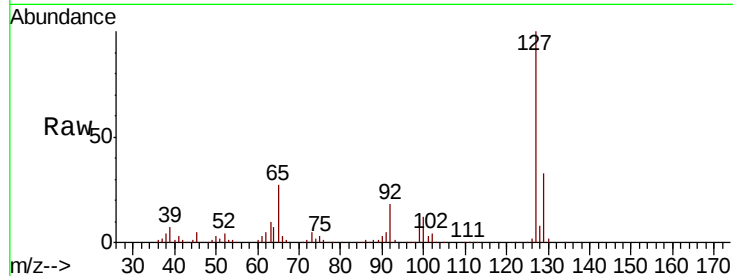
#33
4-Chloroaniline
Concen: 31.347 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		438578		
129	32.7	25.7	38.5		
65	26.7	20.9	31.3		
92	17.5	13.8	20.8		

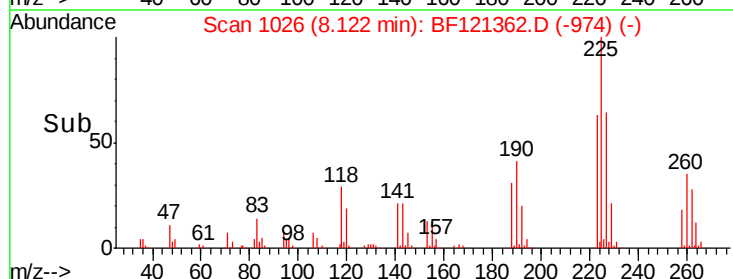
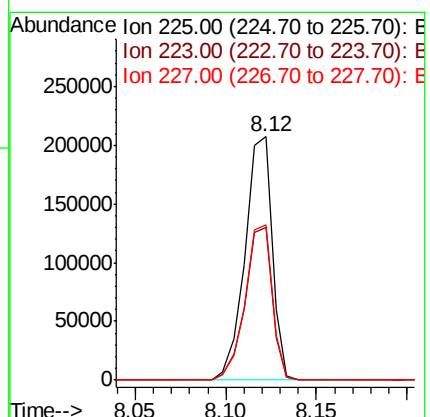
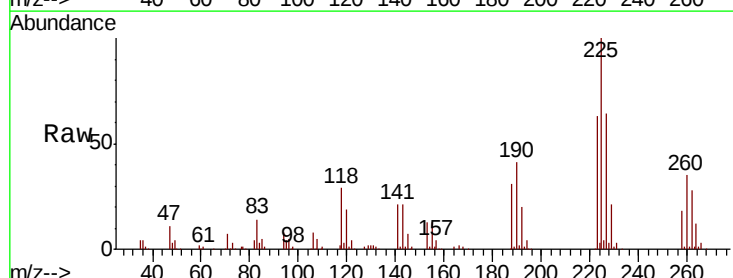
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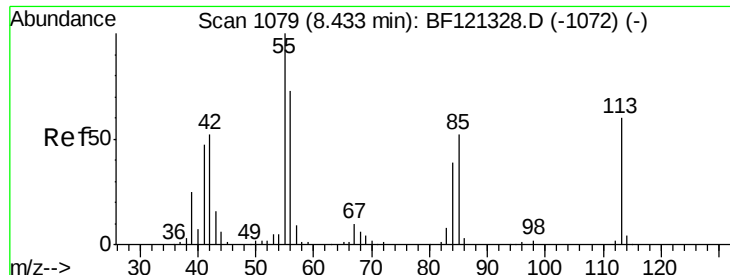
Sohil
8/24/2020 1:50:01 PM



#34
Hexachlorobutadiene
Concen: 34.974 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		216353		
223	63.0	49.7	74.5		
227	64.0	50.9	76.3		





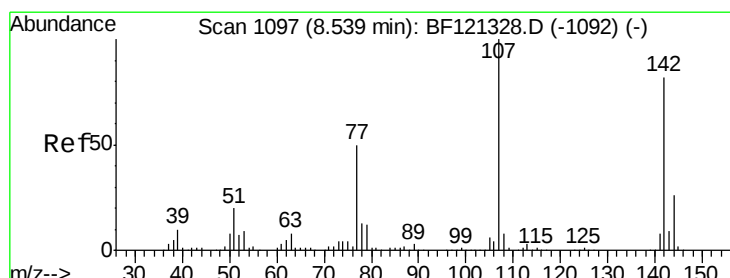
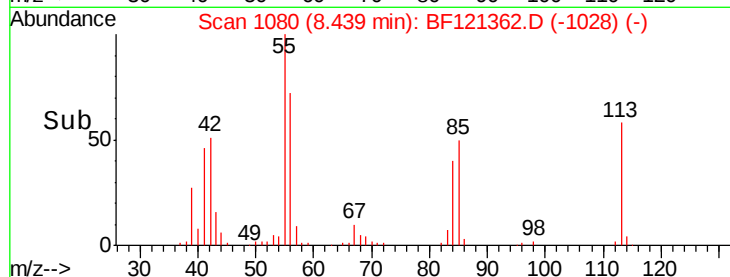
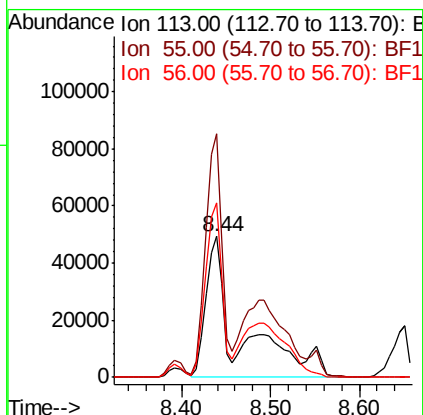
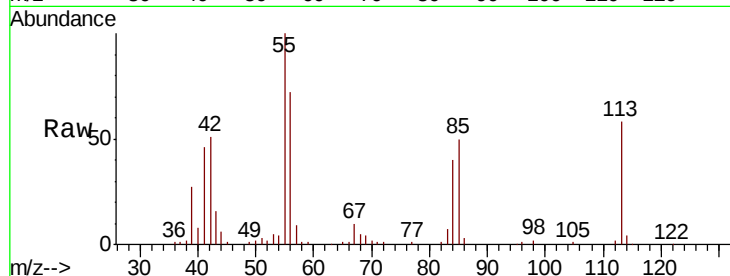
#35
Caprolactam
Concen: 43.006 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleID :
PB130970BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.0	147.9	187.9
56	124.0	102.4	142.4

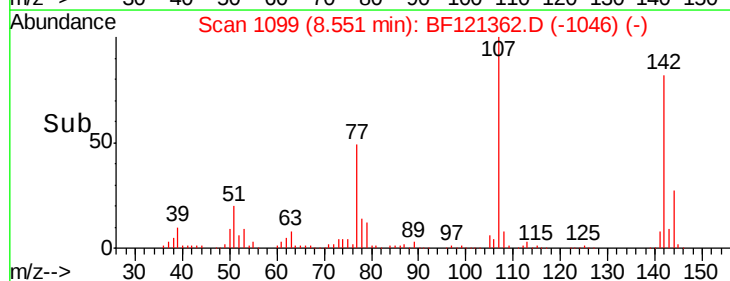
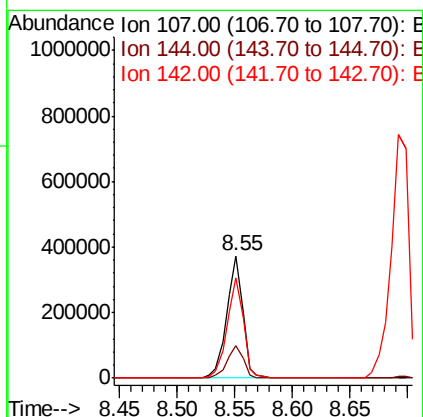
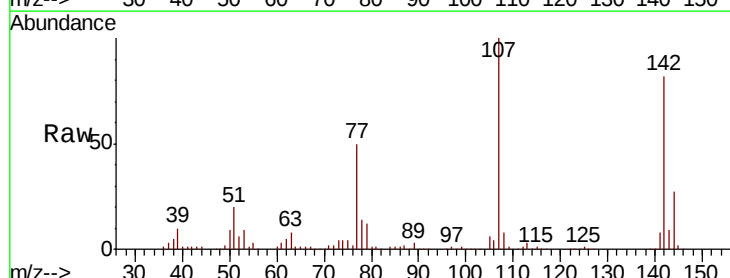
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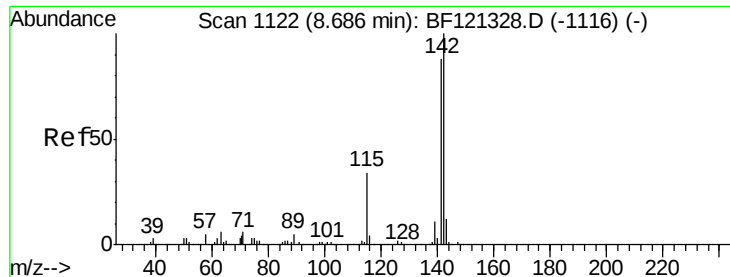
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 39.480 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.1	31.7
142	82.3	65.6	98.4





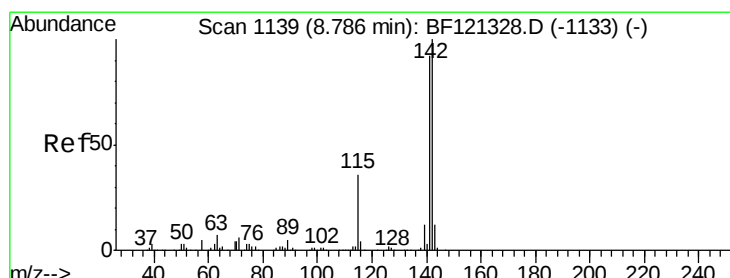
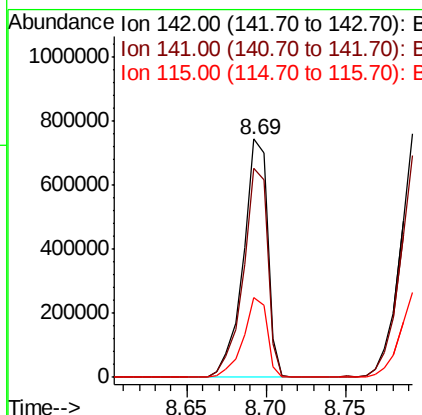
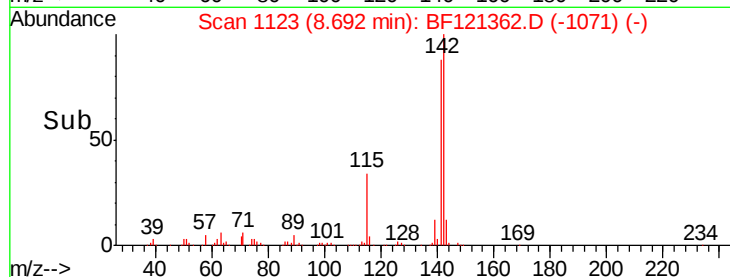
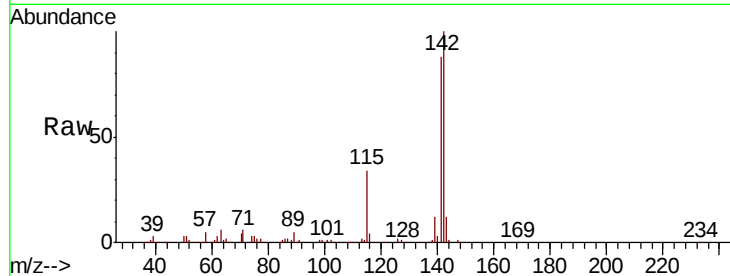
#37
2-Methylnaphthalene
Concen: 38.652 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	33.6	26.9	40.3

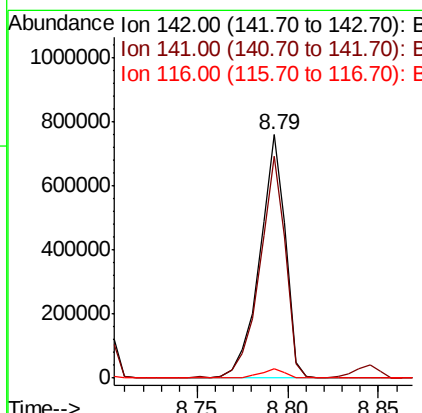
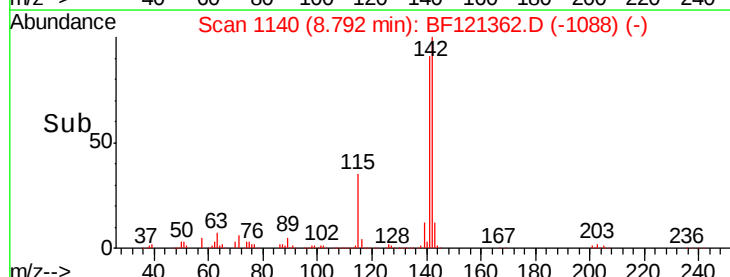
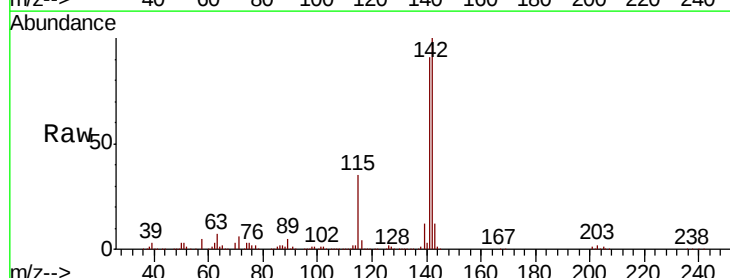
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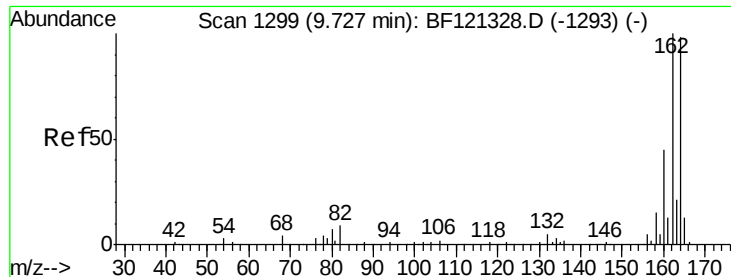
Sohil
8/24/2020 1:50:01 PM



#38
1-Methylnaphthalene
Concen: 37.972 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.6	110.4
116	3.6	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB130970BS

Tot Ion:164 Resp: 321068

Ion Ratio Lower Upper

164 100

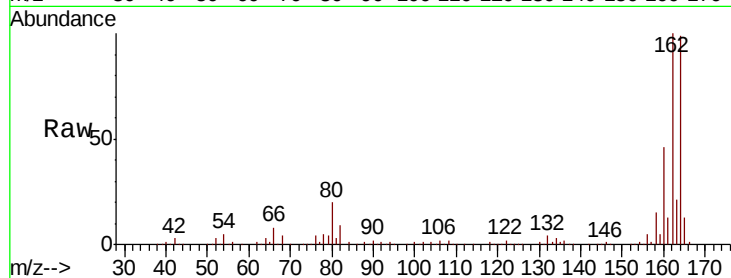
162 100.6 81.7 122.5

160 45.9 37.0 55.4

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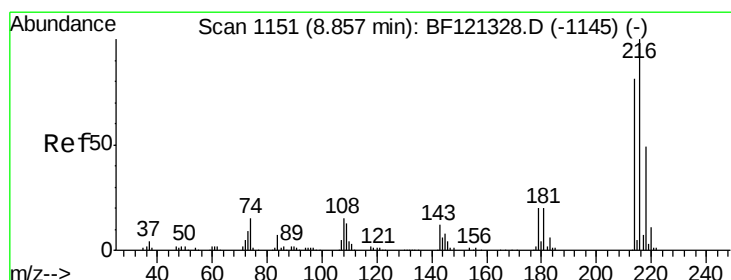
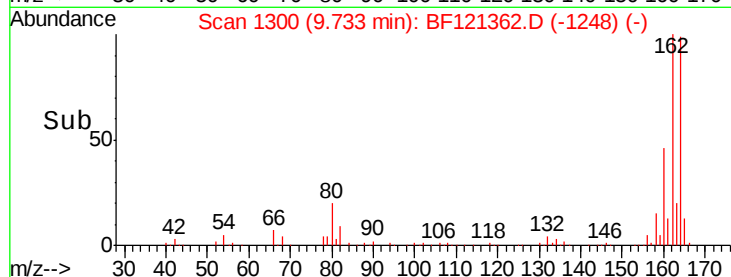
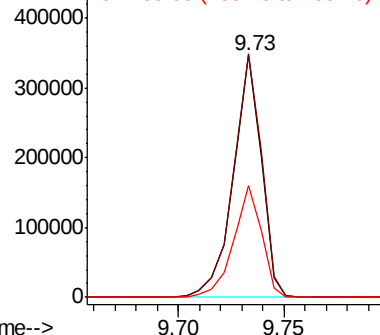


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.436 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Tgt Ion:216 Resp: 366264

Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 20.2 16.4 24.6

108 19.3 14.2 21.4

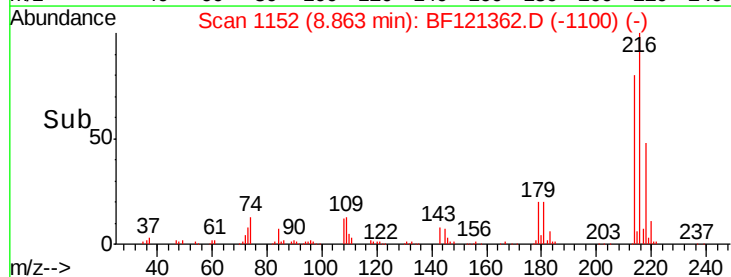
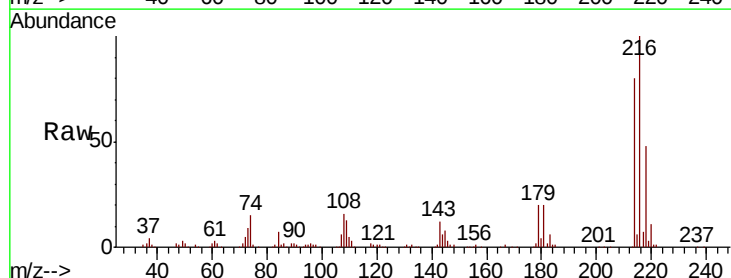
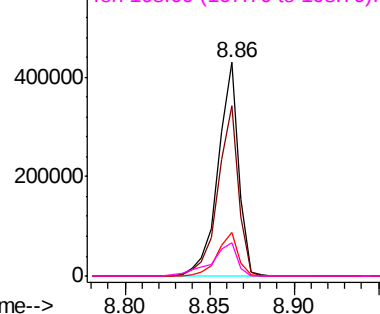
Abundance

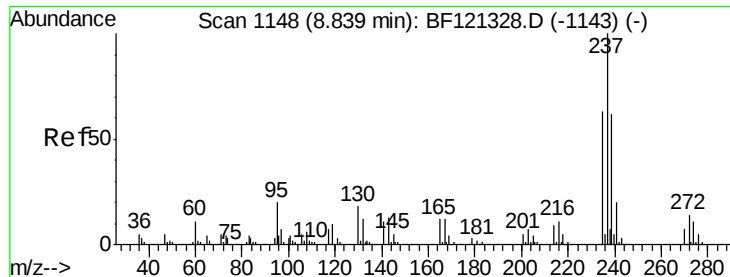
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.795 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

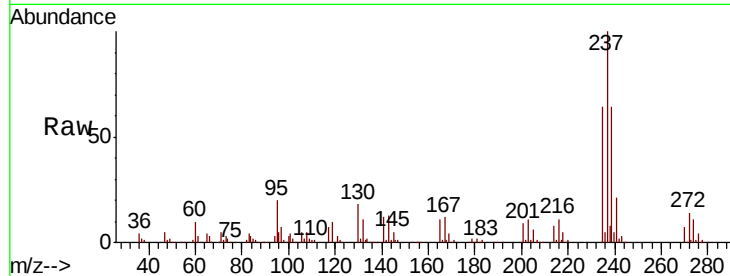
ClientSampleId :

PB130970BS

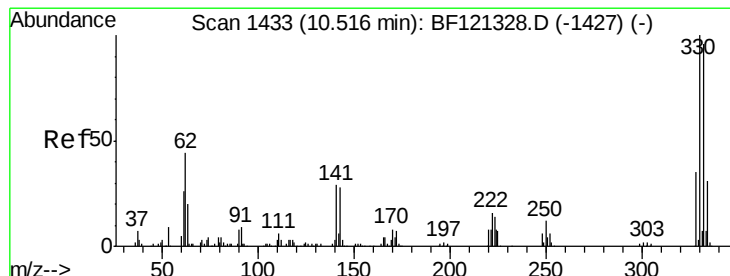
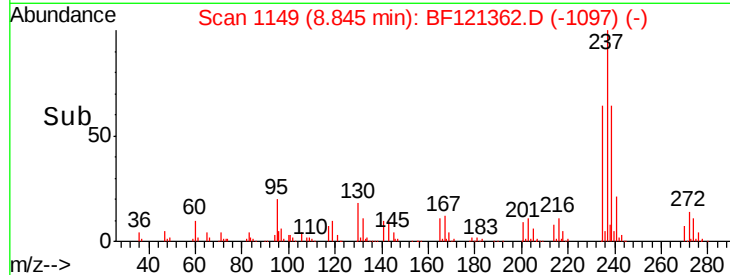
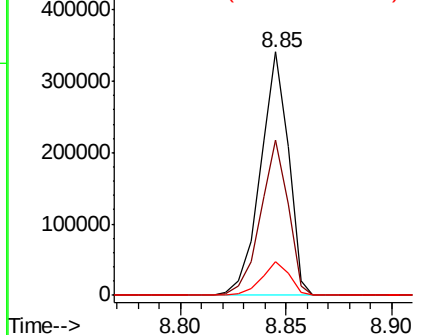
Tot Ion:	237	Resp:	313354
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.7	82.7
272	13.9	0.0	33.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.833 ng

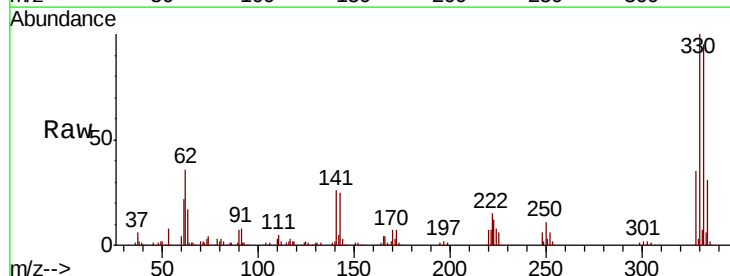
RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

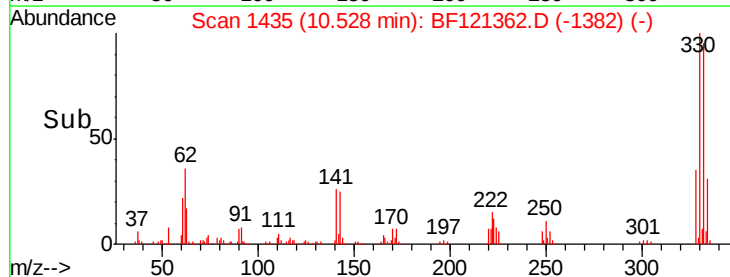
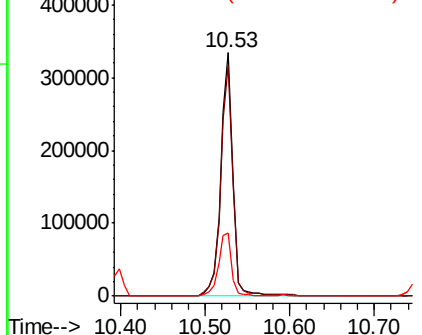
Lab File: BF121362.D

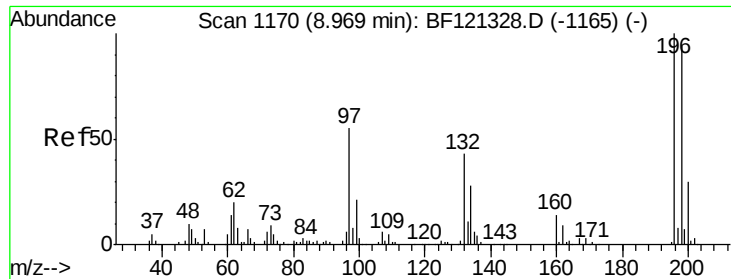
Acq: 21 Aug 2020 11:37

Tgt Ion:	330	Resp:	339847
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.9	115.3
141	28.3	22.8	34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





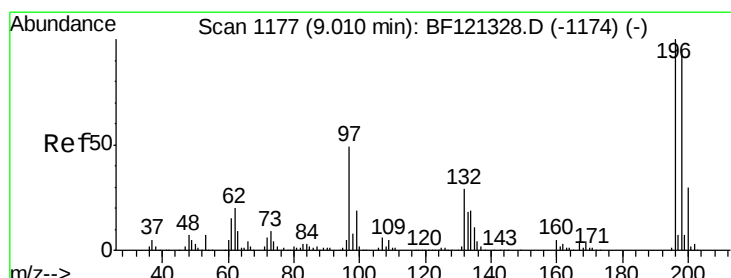
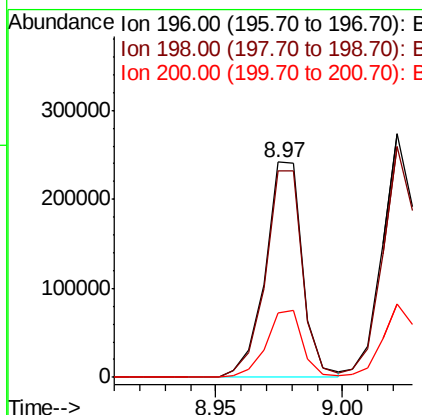
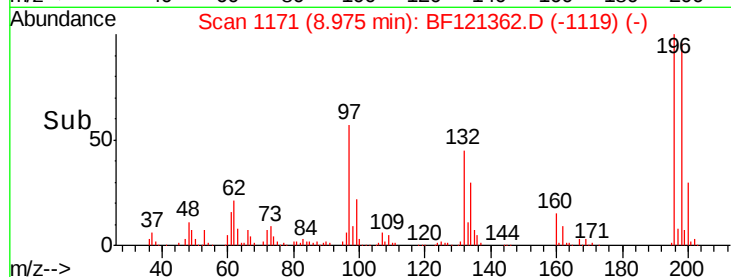
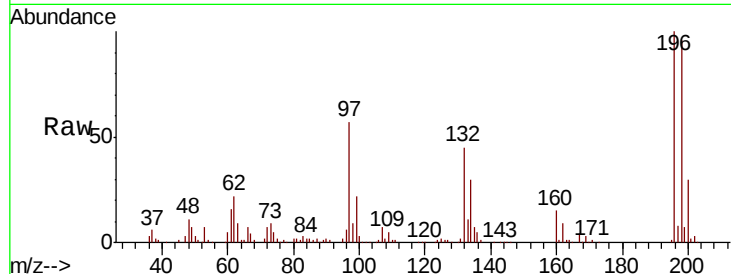
#43
 2,4,6-Trichlorophenol
 Concen: 38.268 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampled :
 PB130970BS

Tot Ion:	196	Resp:	249305
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.6	113.4
200	30.1	24.2	36.2

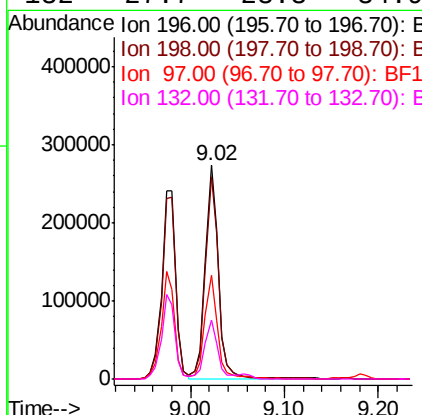
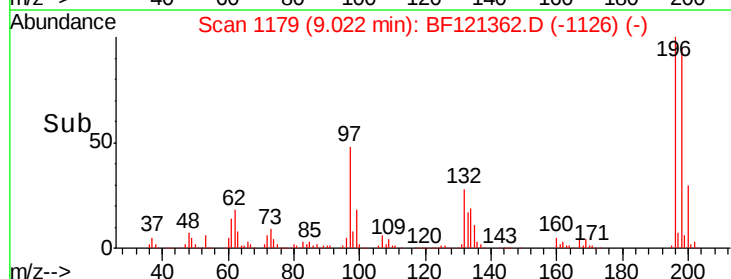
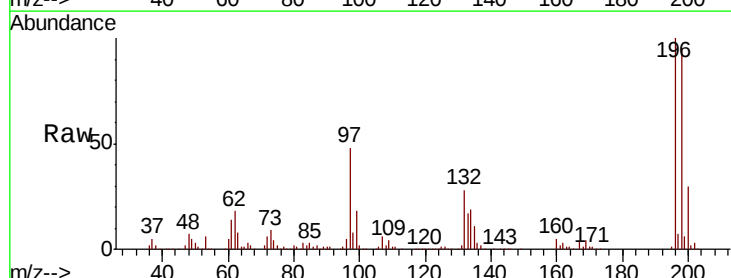
Manual Integrations
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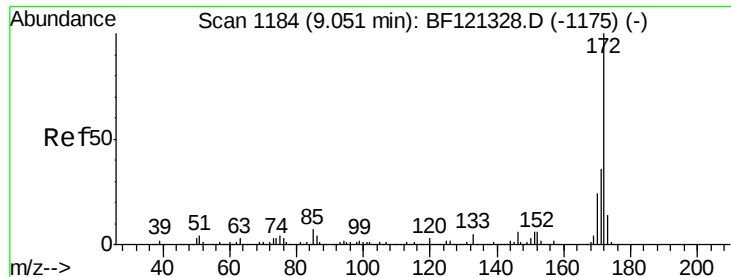
Sohil
 8/24/2020 1:50:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.125 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion:	196	Resp:	268939
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.6	113.4
97	48.3	39.6	59.4
132	27.7	23.3	34.9





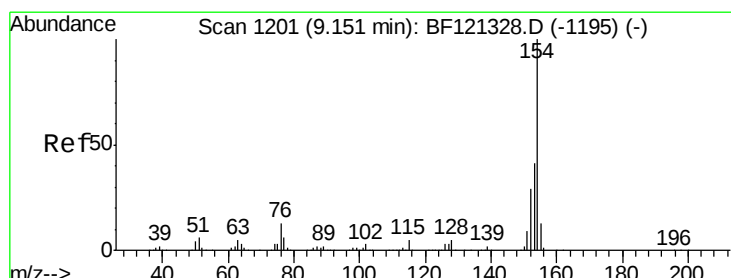
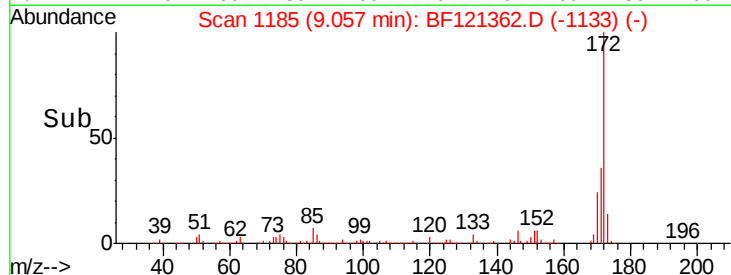
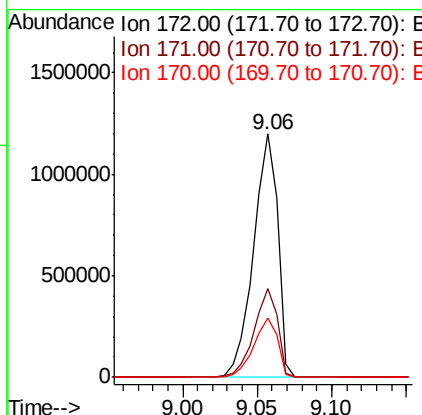
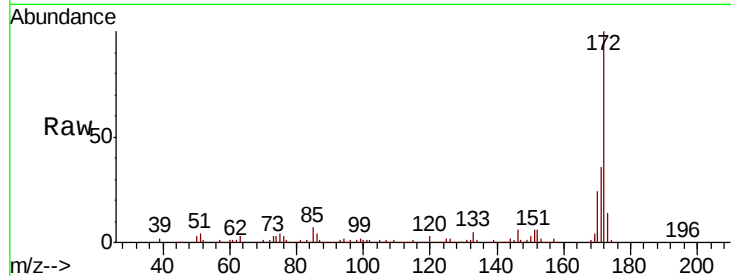
#45
 2-Fluorobiphenyl
 Concen: 78.843 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.4	19.4	29.2

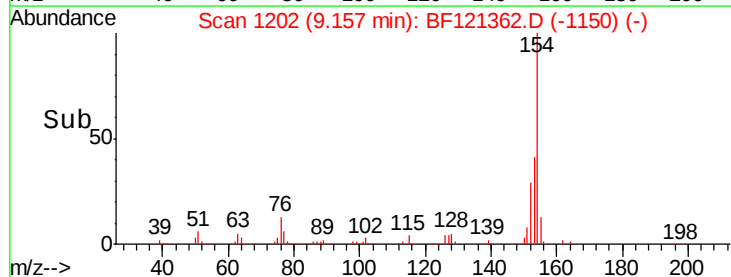
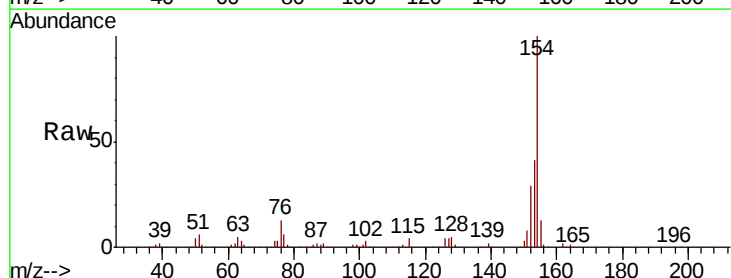
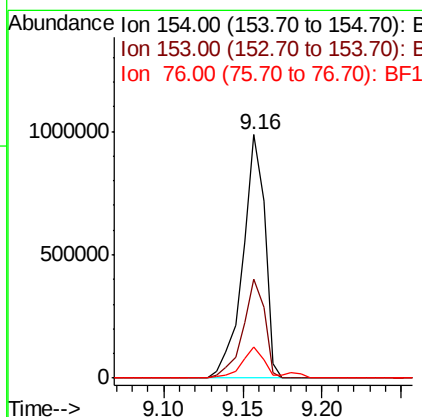
Manual Integrations
 APPROVED

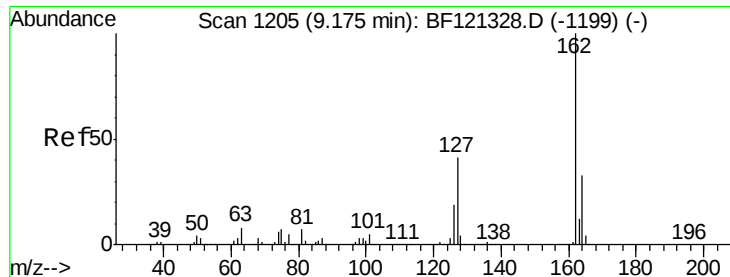
Sohil
 8/24/2020 1:50:01 PM



#46
 1,1'-Biphenyl
 Concen: 39.167 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	12.9	0.0	33.1





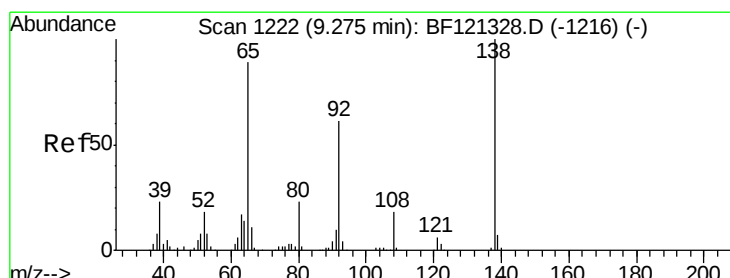
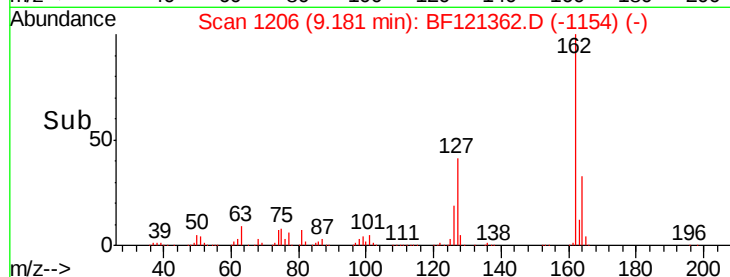
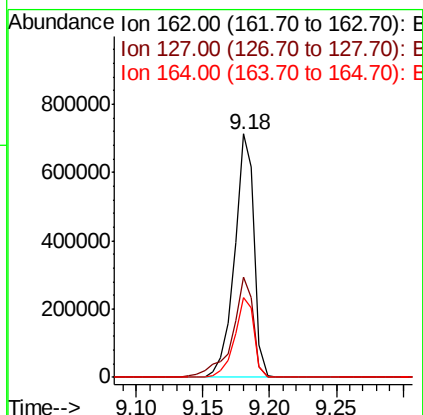
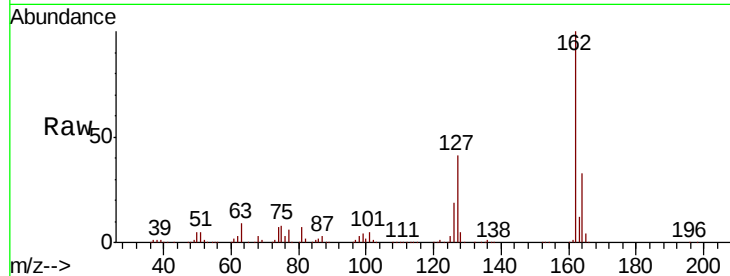
#47
 2-Chloronaphthalene
 Concen: 36.739 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleID :
 PB130970BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	728380		
127	41.3		33.1	49.7
164	32.6		26.5	39.7

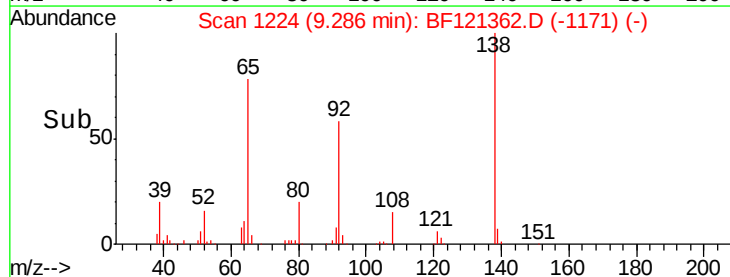
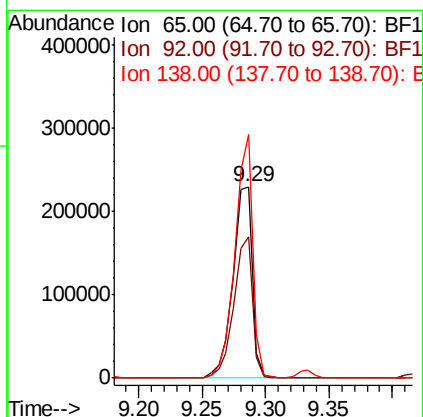
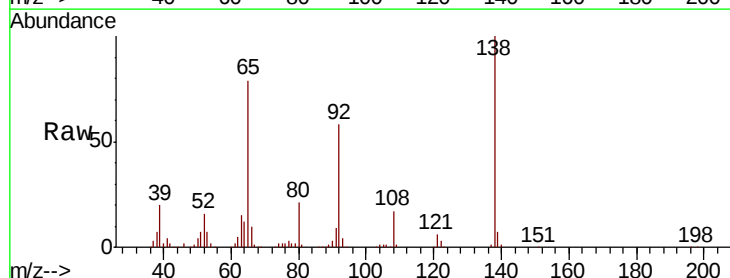
Manual Integrations
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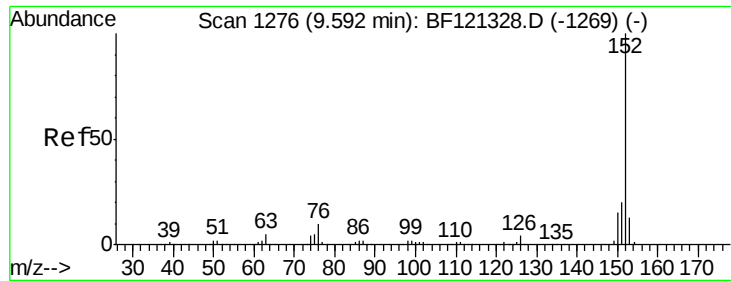
Sohil
 8/24/2020 1:50:01 PM



#48
 2-Nitroaniline
 Concen: 38.586 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	240865		
92	73.5		54.9	82.3
138	127.1		89.5	134.3





#49

Acenaphthylene

Concen: 38.865 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

ClientSampleId :

PB130970BS

Tot Ion:152 Resp: 1144474

Ion Ratio Lower Upper

152 100

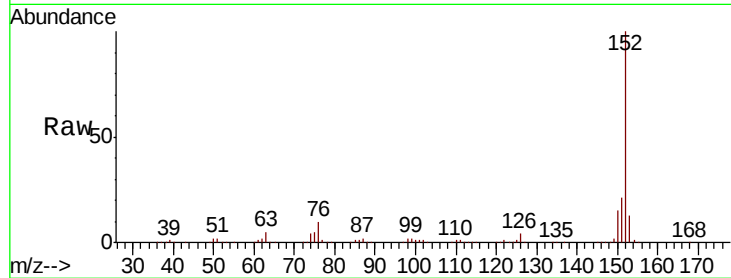
151 20.7 16.4 24.6

153 13.2 10.6 16.0

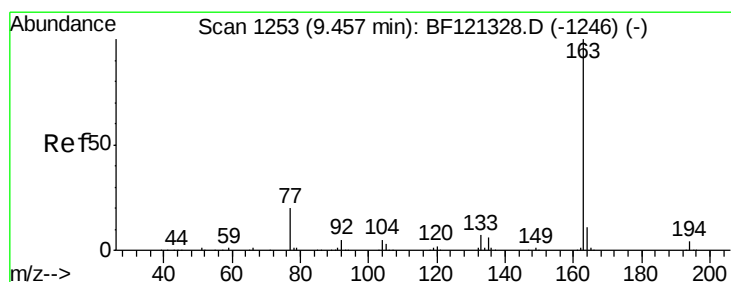
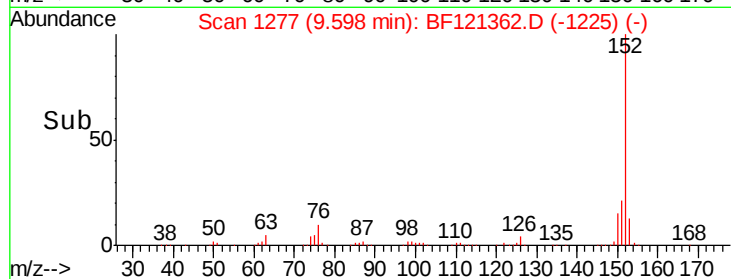
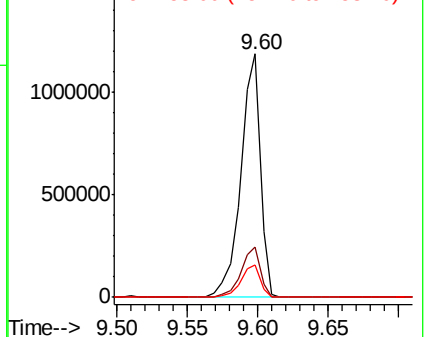
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.514 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

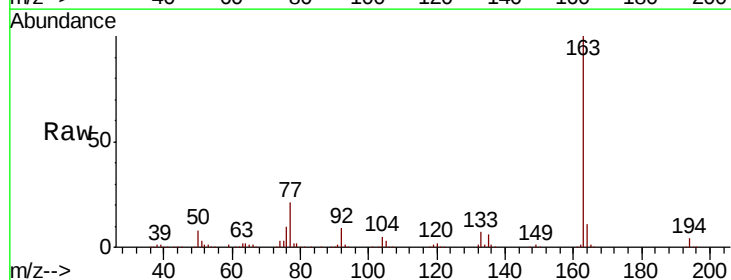
Tgt Ion:163 Resp: 876257

Ion Ratio Lower Upper

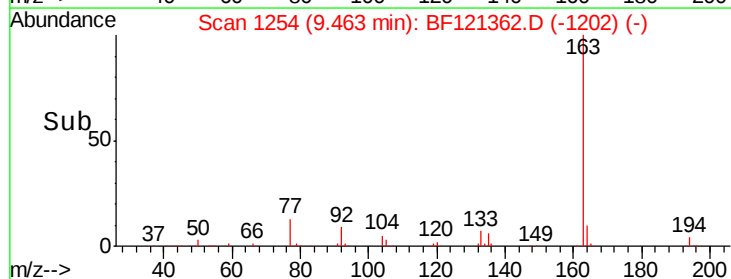
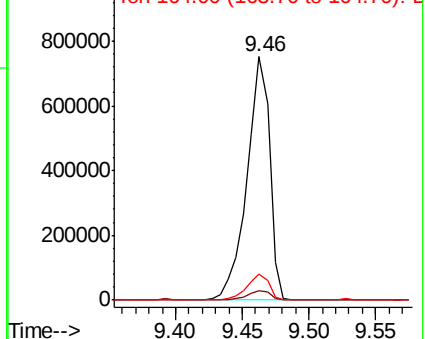
163 100

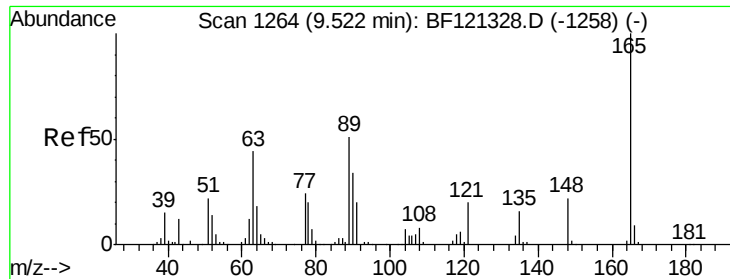
194 3.9 3.0 4.6

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





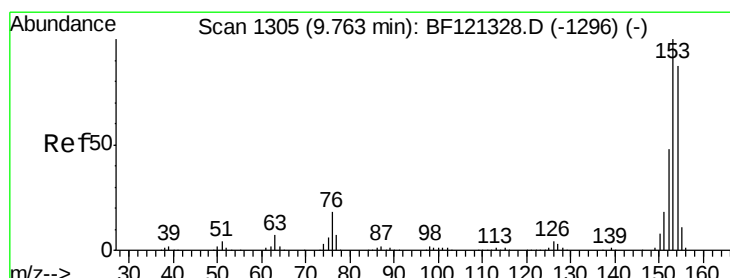
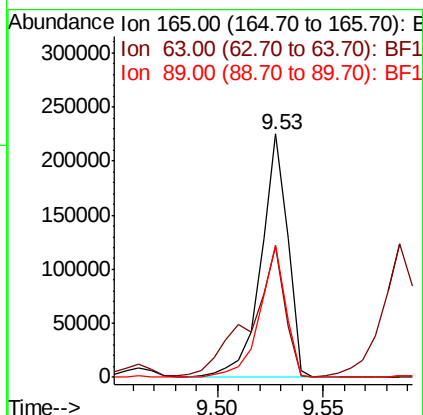
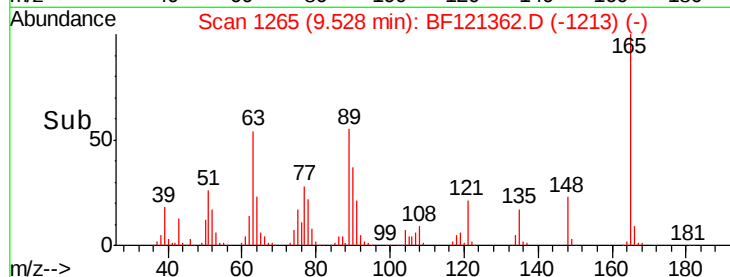
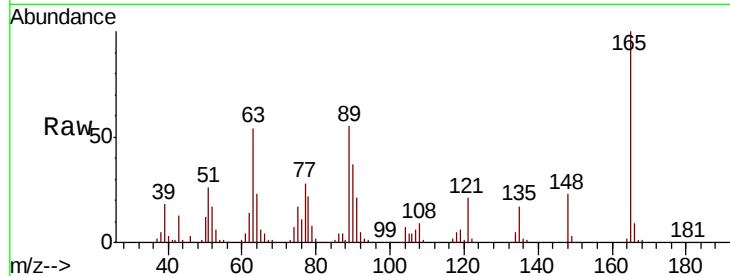
#51
 2,6-Dinitrotoluene
 Concen: 39.597 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197534		
63	54.0	38.5	57.7	
89	54.5	41.2	61.8	

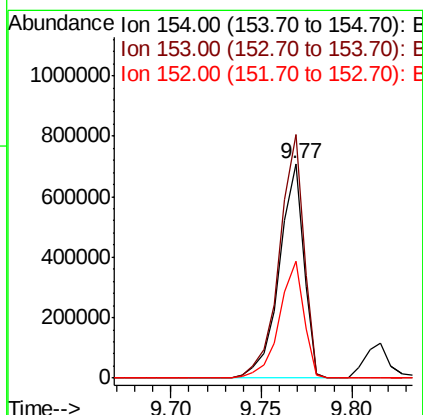
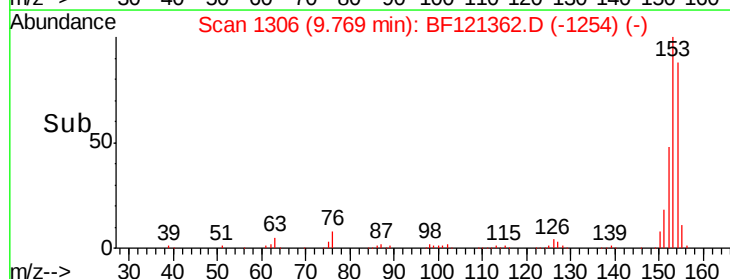
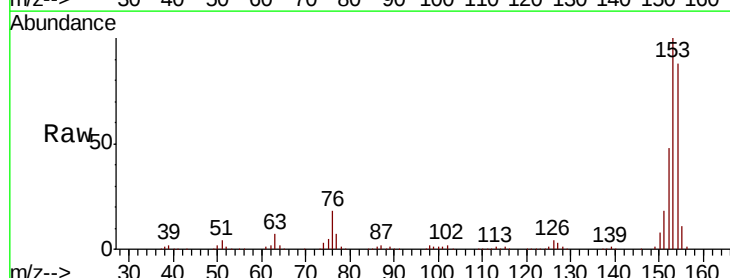
Manual Integrations
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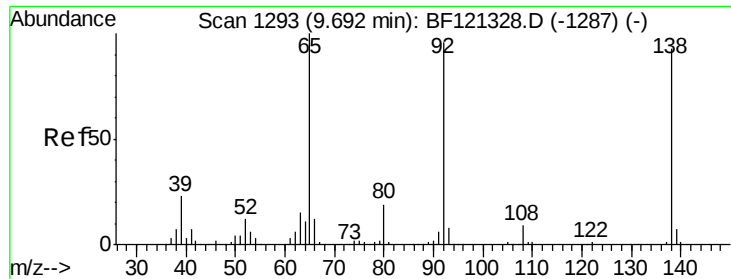
Sohil
 8/24/2020 1:50:01 PM



#52
 Acenaphthene
 Concen: 37.479 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	670598		
153	113.4	92.0	138.0	
152	54.2	44.6	66.8	





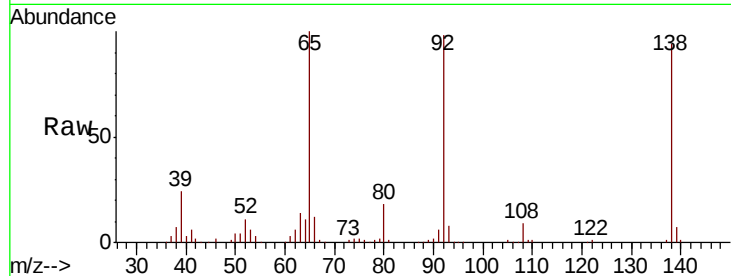
#53
 3-Nitroaniline
 Concen: 27.861 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleID :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.5	11.3
92	103.8	83.0	124.4

Manual Integrations
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 8/24/2020 1:50:01 PM

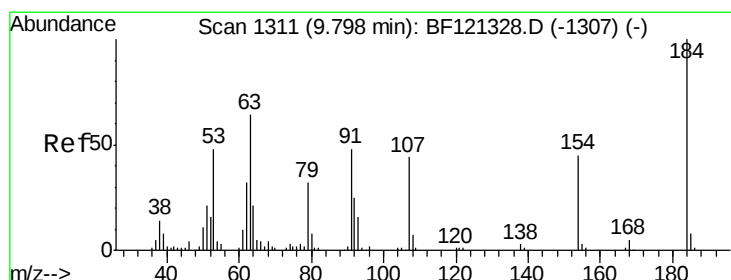
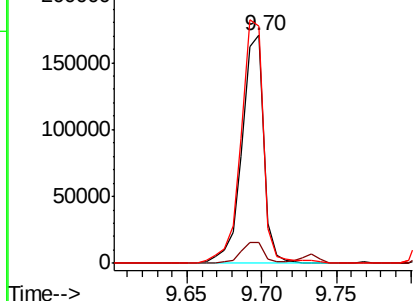
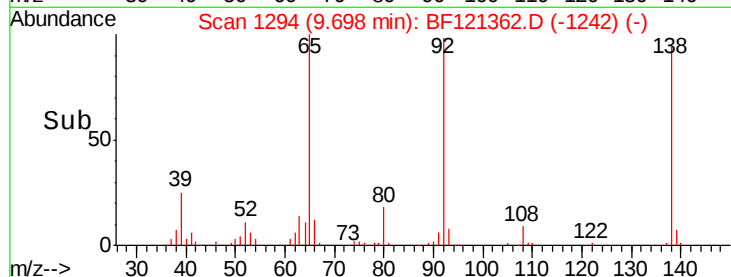


Abundance

Ion 138.00 (137.70 to 138.70): E

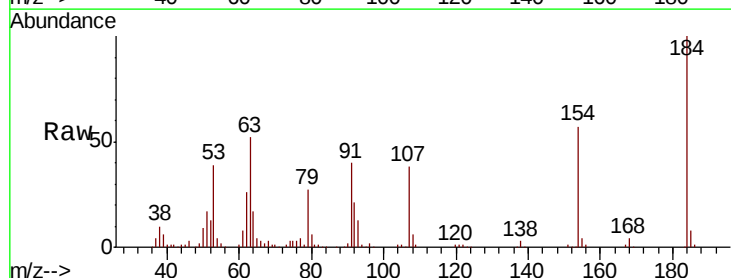
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 82.784 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.8	51.5	77.3
154	56.9	48.0	72.0

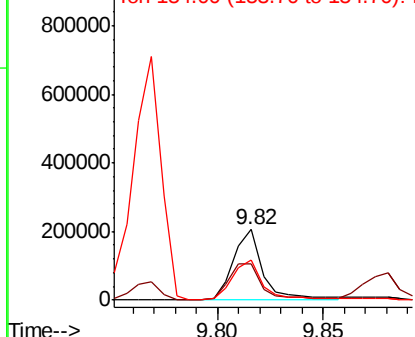
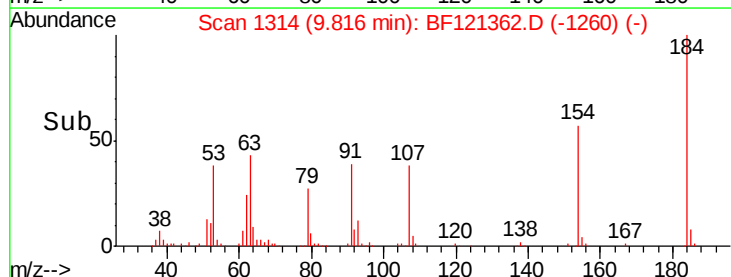


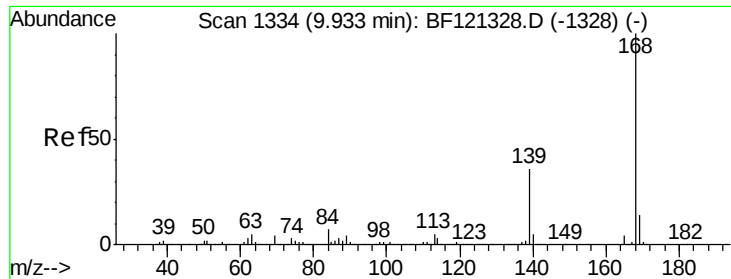
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





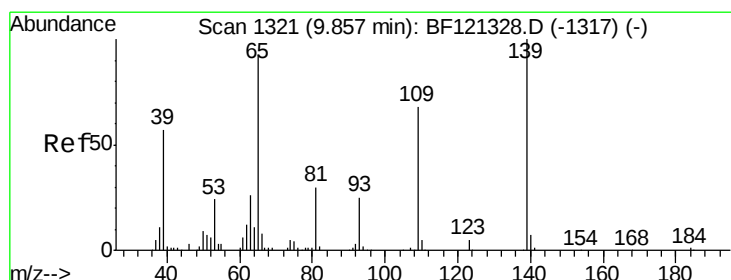
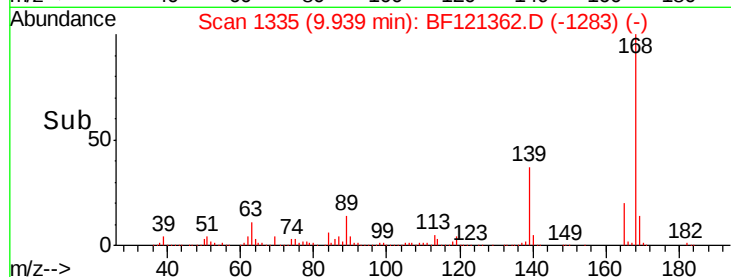
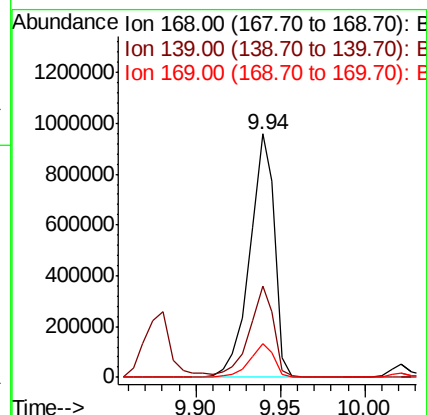
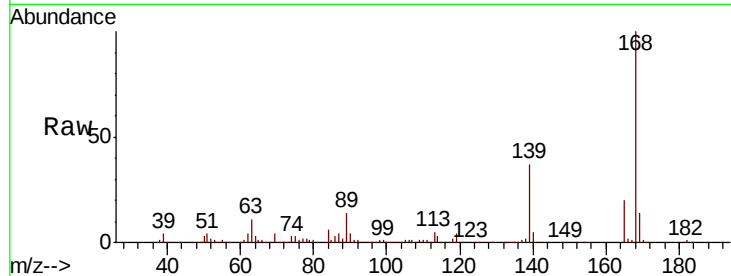
#55
Dibenzofuran
Concen: 42.537 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.1	43.7
169	13.8	11.0	16.6

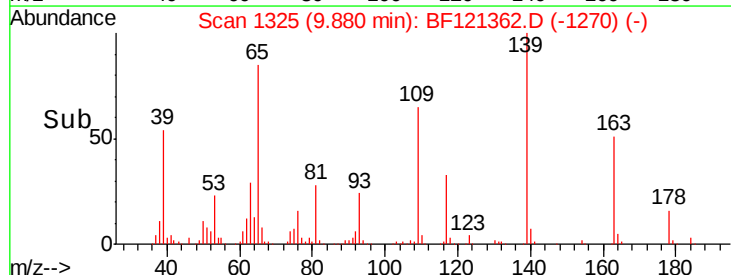
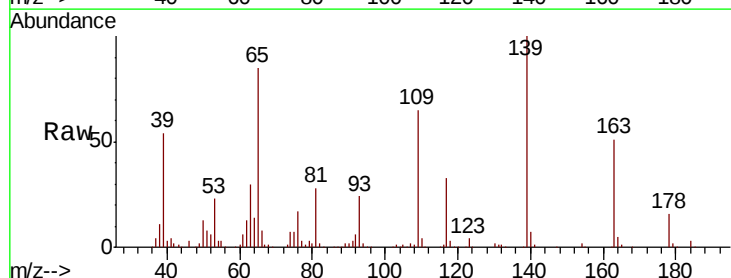
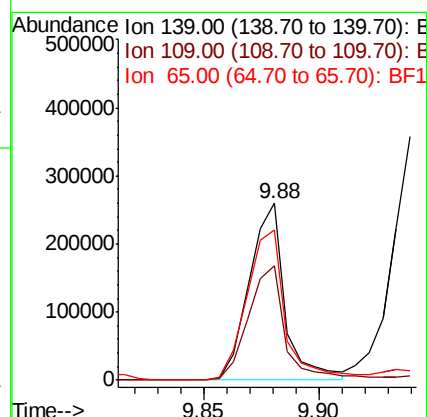
Manual Integrations
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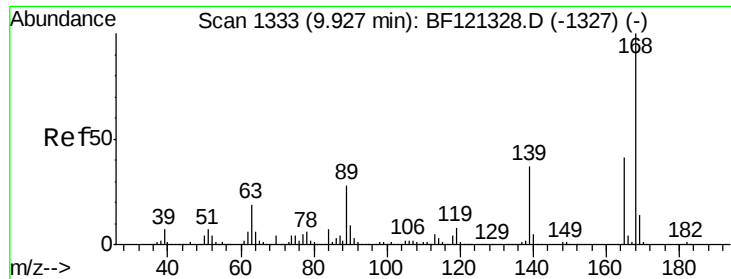
Sohil
8/24/2020 1:50:01 PM



#56
4-Nitrophenol
Concen: 73.271 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	47.7	87.7
65	84.8	73.2	113.2





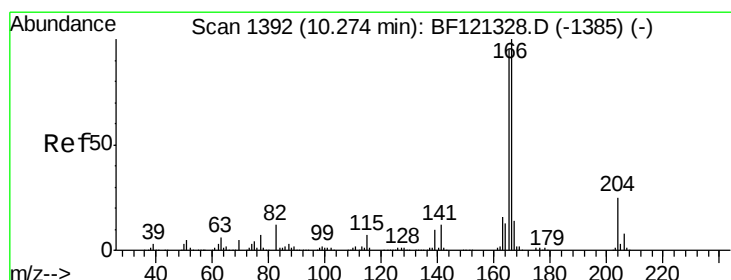
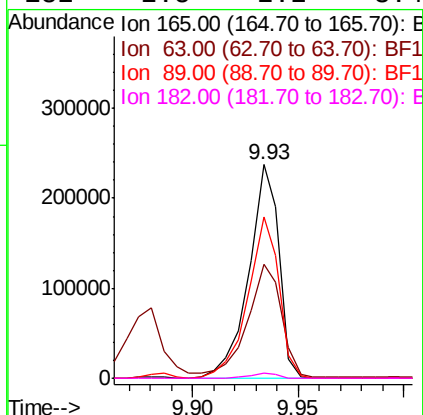
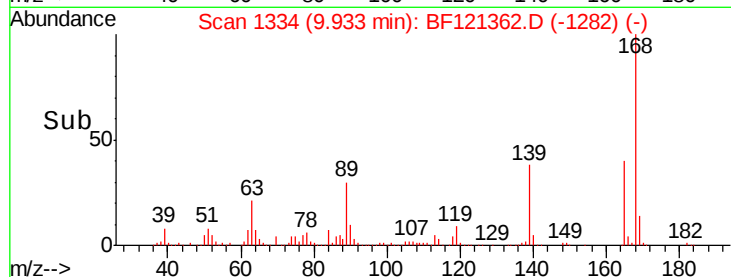
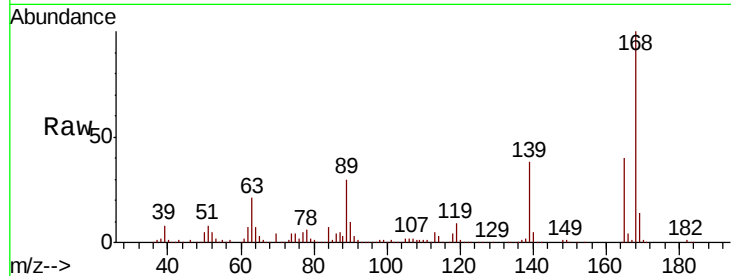
#57
2,4-Dinitrotoluene
Concen: 38.700 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	235522		
63	53.4	37.5	56.3	
89	75.5	54.2	81.4	
182	2.5	2.2	3.4	

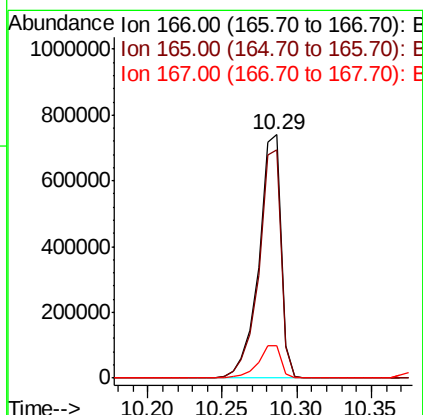
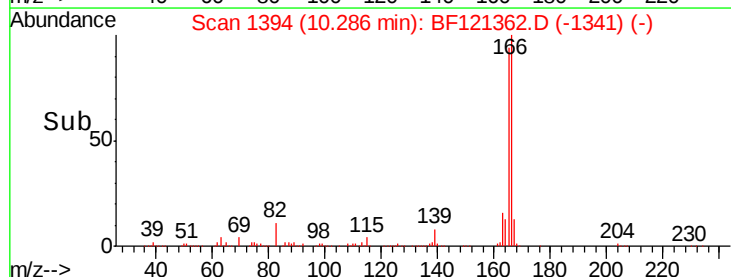
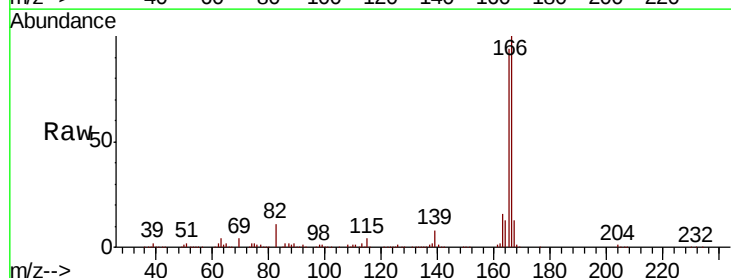
Manual Integrations
APPROVED

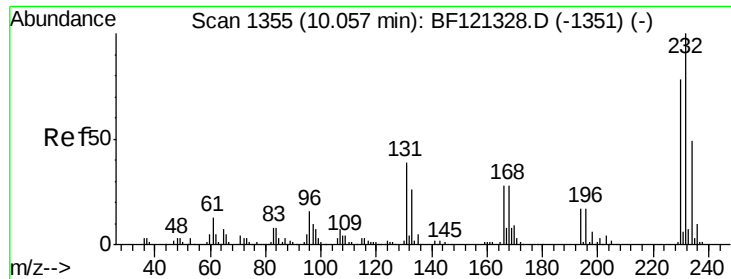
Sohil
8/24/2020 1:50:01 PM



#58
Fluorene
Concen: 44.693 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	751468		
165	93.9	75.8	113.8	
167	13.3	11.0	16.4	





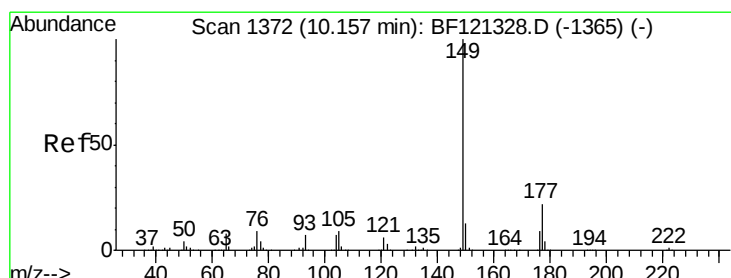
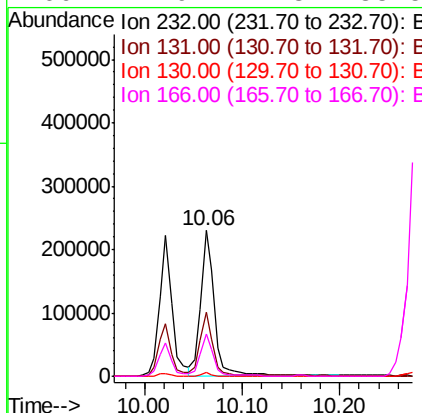
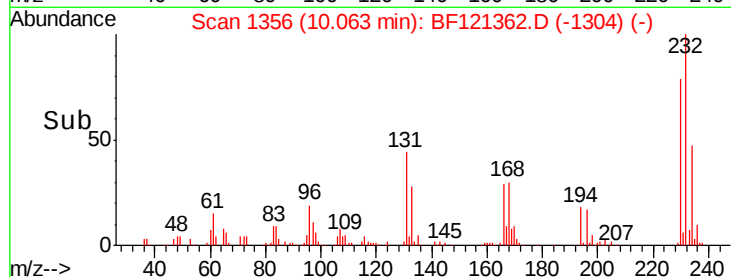
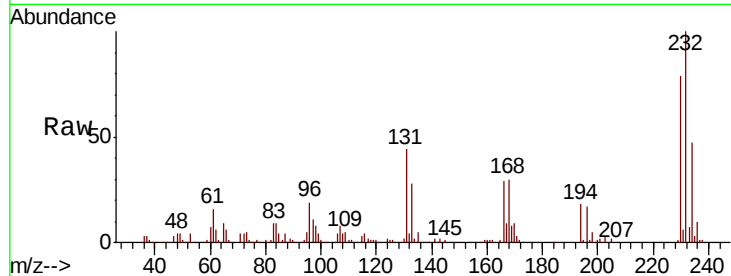
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.894 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	34.2	51.4
130	2.1	1.7	2.5
166	27.9	22.3	33.5

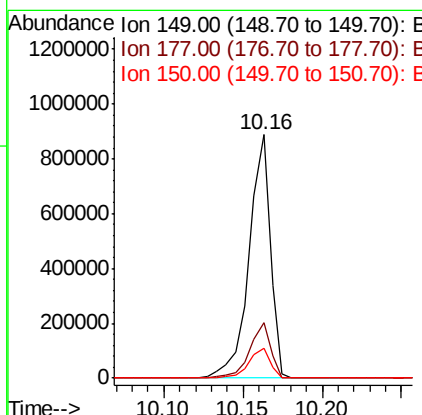
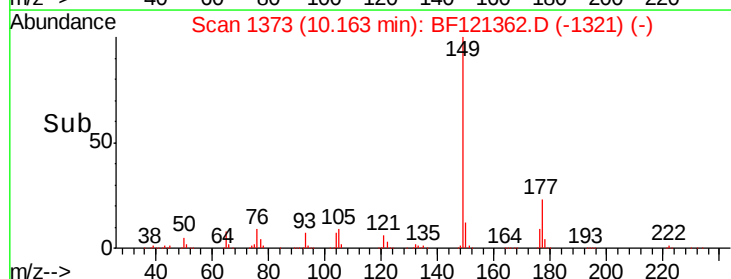
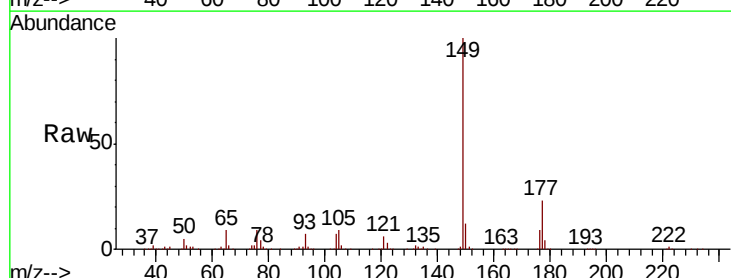
Manual Integrations
 APPROVED

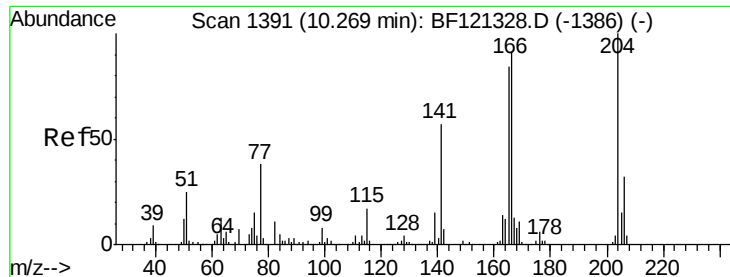
Sohil
 8/24/2020 1:50:01 PM



#60
 Diethylphthalate
 Concen: 36.326 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.6	26.4
150	12.4	10.1	15.1





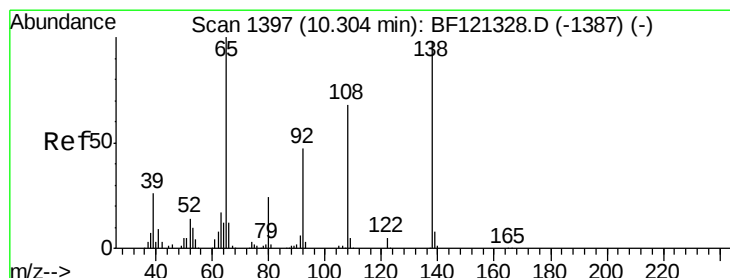
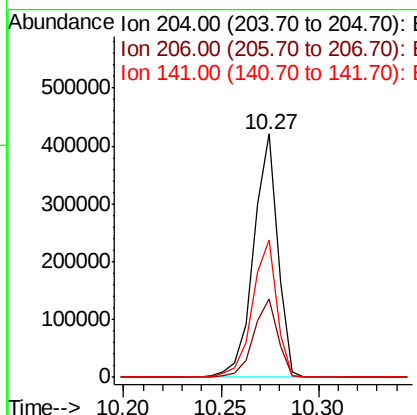
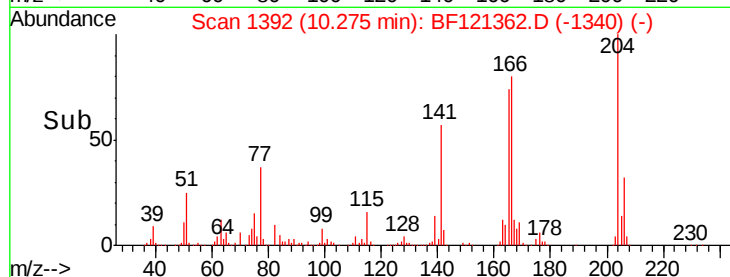
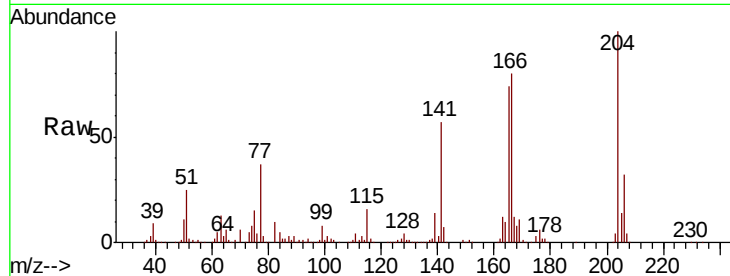
#61
 4-Chlorophenyl-phenylether
 Concen: 42.397 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampled :
 PB130970BS

Tot Ion:	204	Resp:	361660
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.9	38.9
141	56.6	45.5	68.3

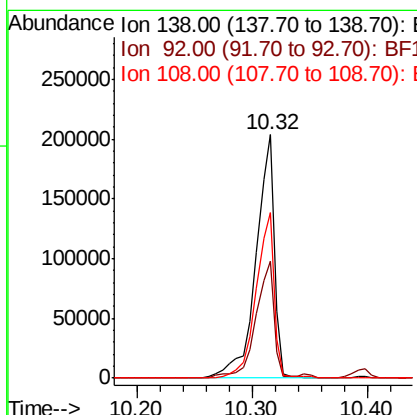
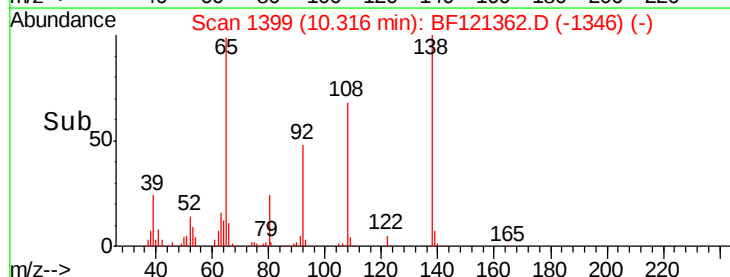
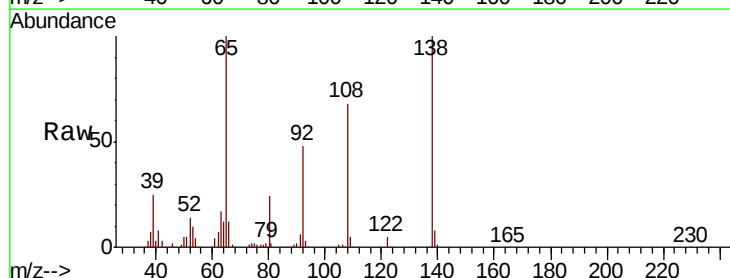
Manual Integrations
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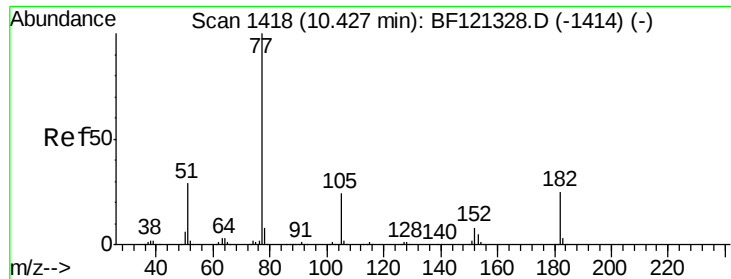
Sohil
 8/24/2020 1:50:01 PM



#62
 4-Nitroaniline
 Concen: 35.696 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion:	138	Resp:	228246
Ion Ratio	Lower	Upper	
138	100		
92	47.8	28.1	68.1
108	68.2	49.5	89.5





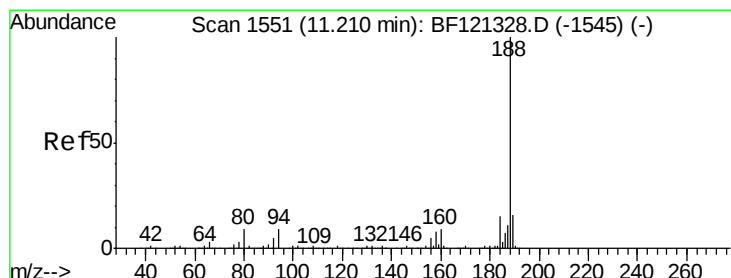
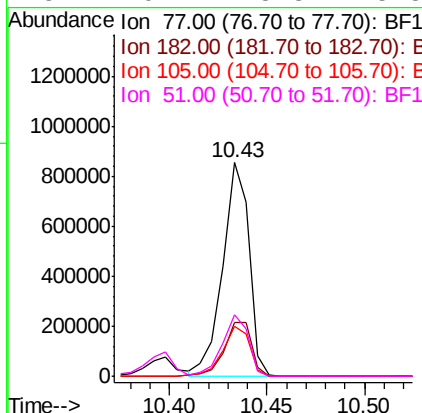
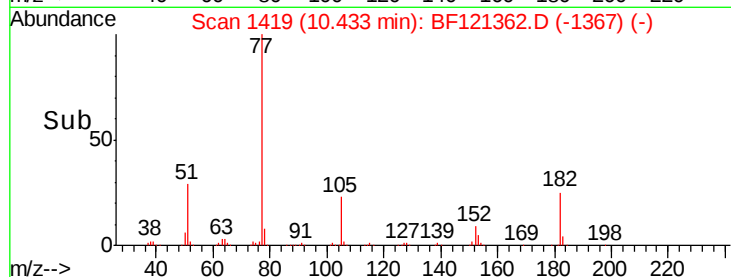
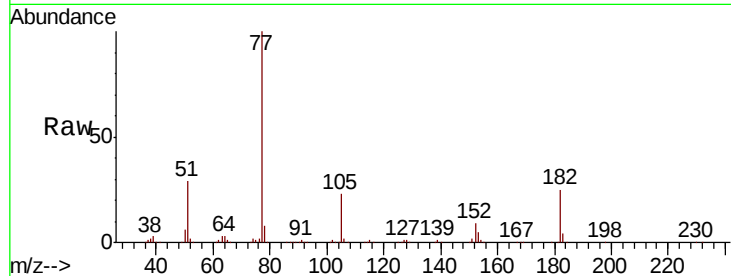
#63
Azobenzene
Concen: 37.733 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.0	45.0
105	23.3	3.6	43.6
51	29.1	8.8	48.8

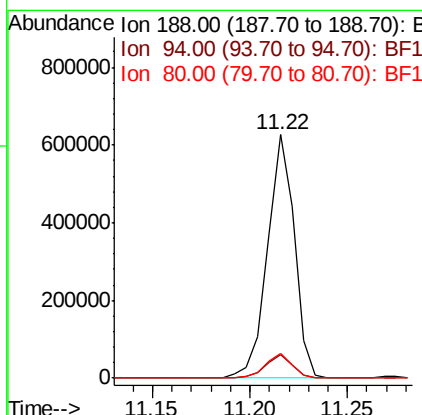
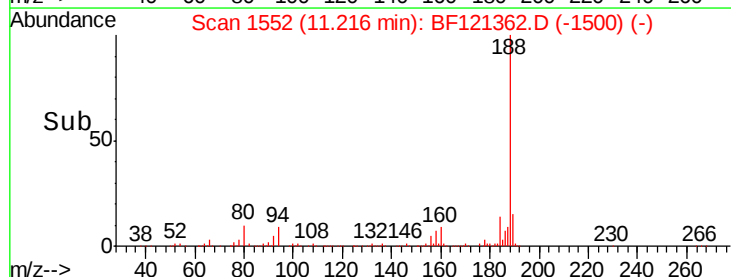
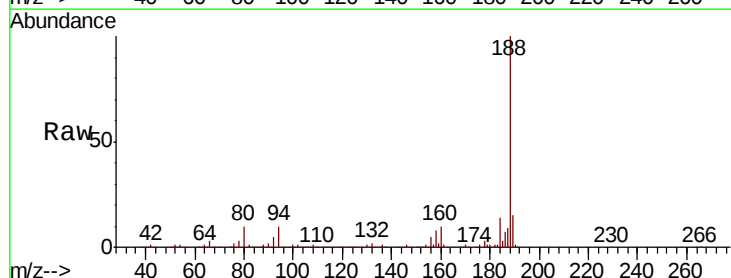
Manual Integrations
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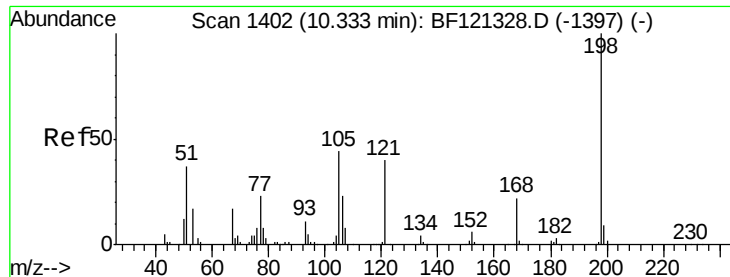
Sohil
8/24/2020 1:50:01 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.2	7.4	11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 44.440 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.02 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

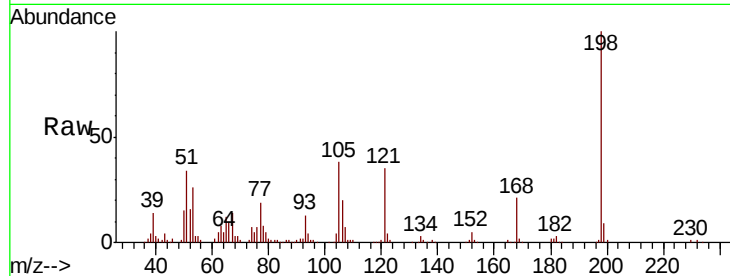
ClientSampled :

PB130970BS

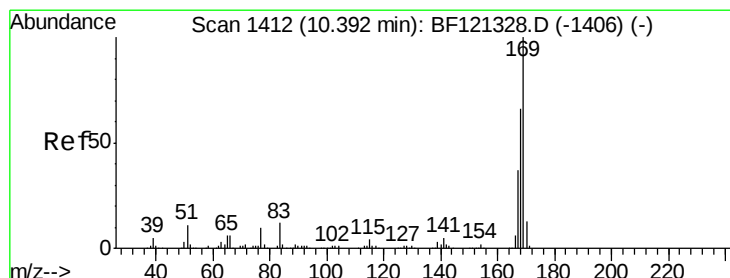
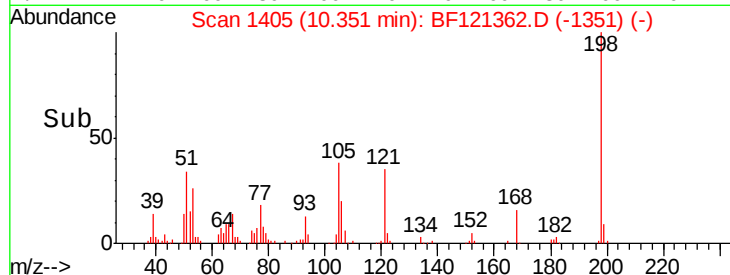
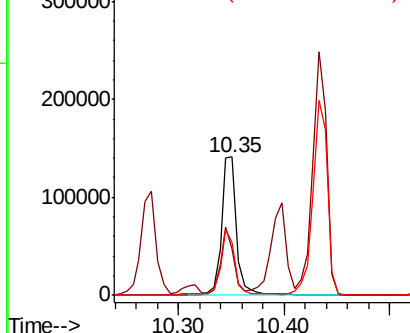
Tot Ion:	198	Resp:	142645
Ion Ratio	Lower	Upper	
198	100		
51	33.9	25.5	65.5
105	37.9	24.9	64.9

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.286 ng

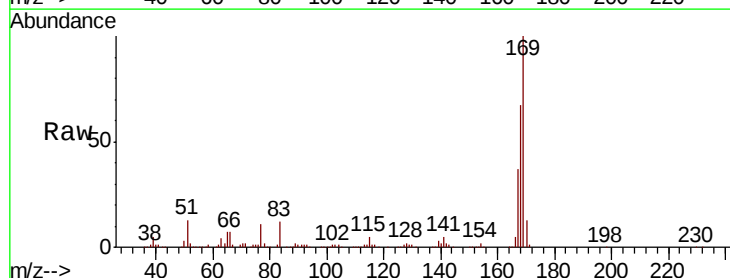
RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

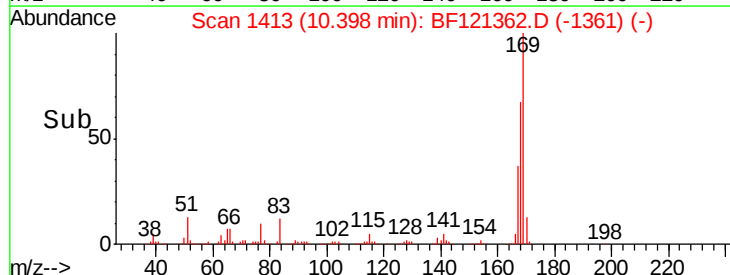
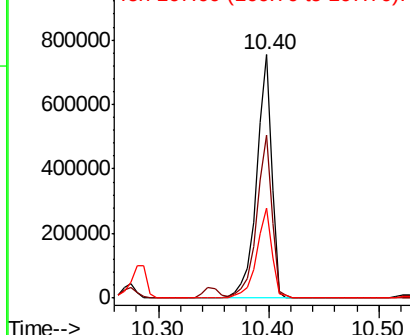
Lab File: BF121362.D

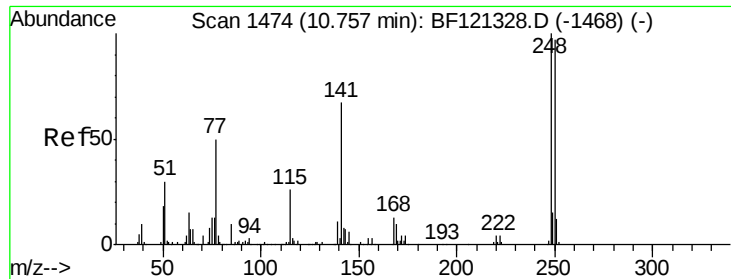
Acq: 21 Aug 2020 11:37

Tgt Ion:	169	Resp:	727325
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.0	79.6
167	37.0	29.5	44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





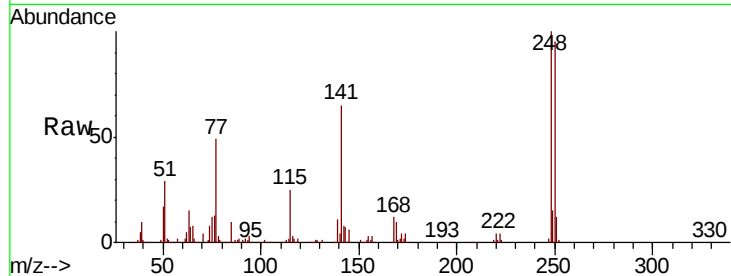
#67
 4-Bromophenyl-phenylether
 Concen: 37.663 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.4	77.9	116.9	
141	65.4	53.5	80.3	

Manual Integrations
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 8/24/2020 1:50:01 PM

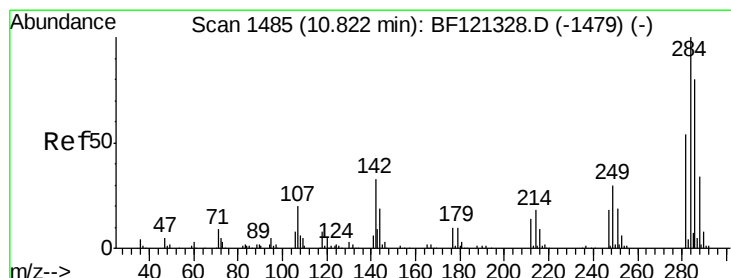
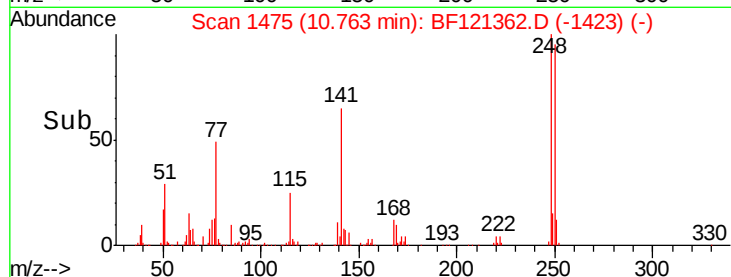
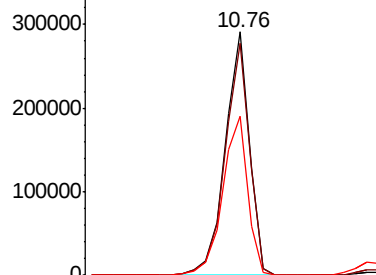


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.935 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

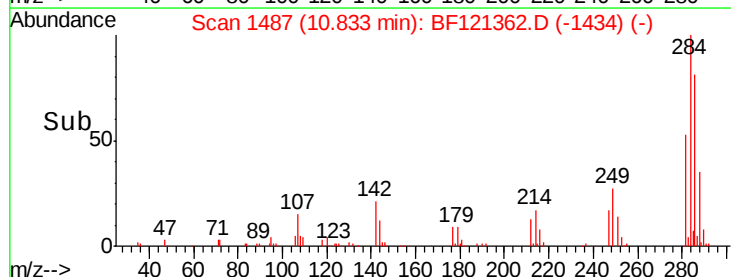
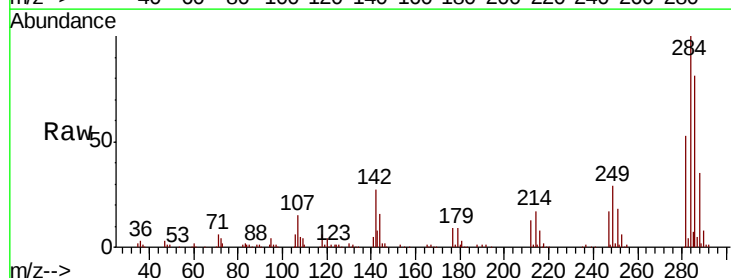
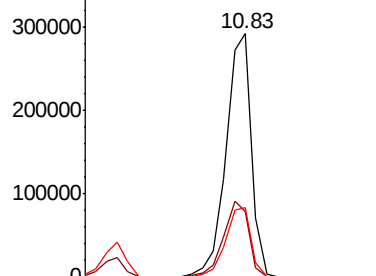
Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.1	26.1	39.1	
249	28.8	24.0	36.0	

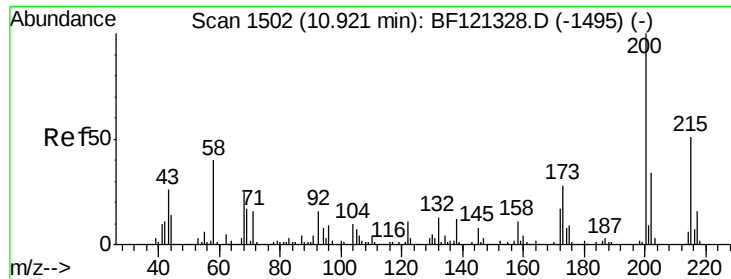
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





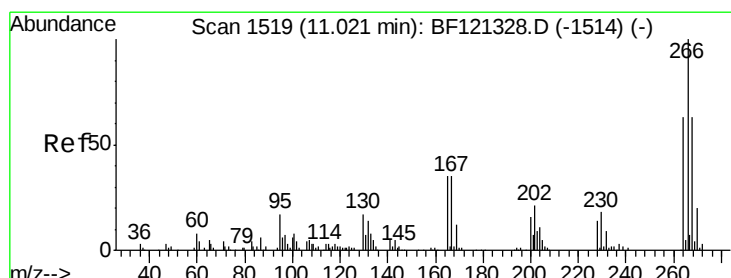
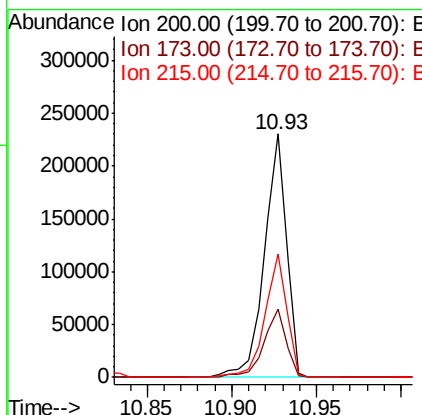
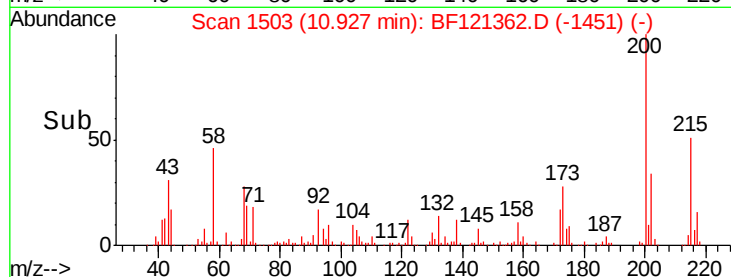
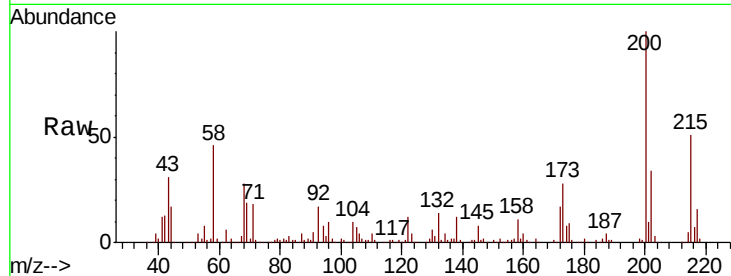
#69
 Atrazine
 Concen: 36.558 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	209665		
173	28.1	7.8	47.8	
215	50.7	30.5	70.5	

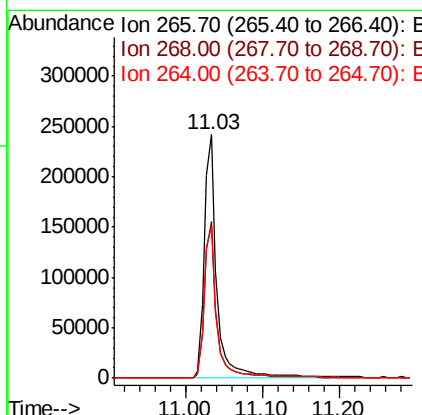
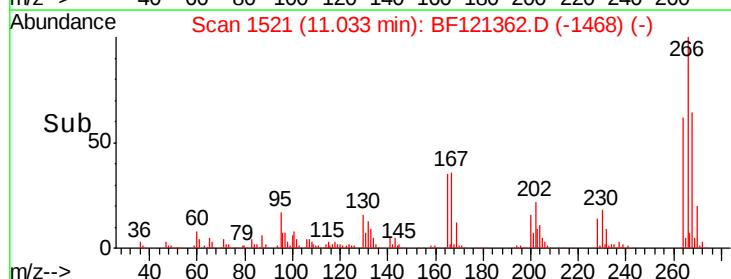
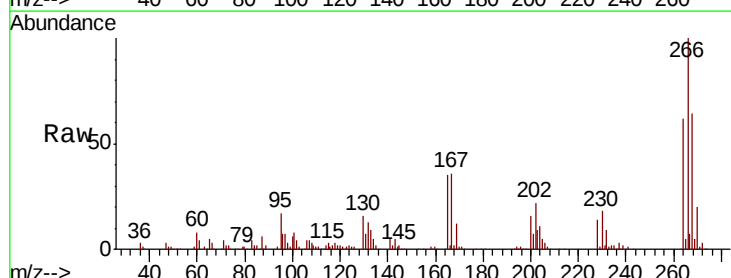
Manual Integrations
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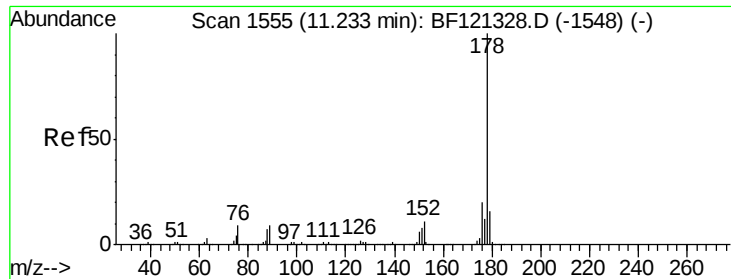
Sohil
 8/24/2020 1:50:01 PM



#70
 Pentachlorophenol
 Concen: 81.941 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	279795		
268	64.1	50.6	75.8	
264	62.2	50.5	75.7	





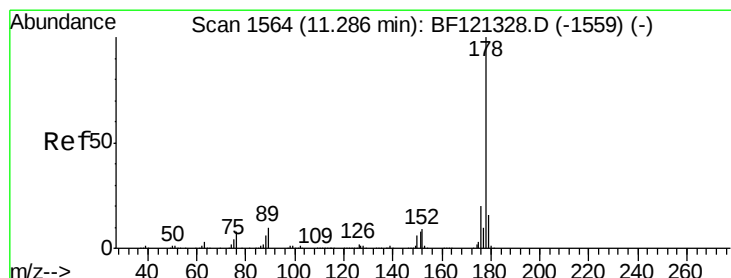
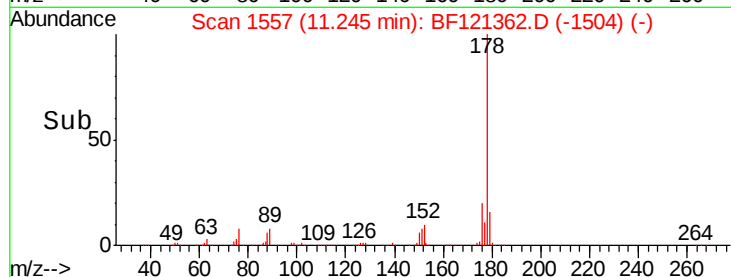
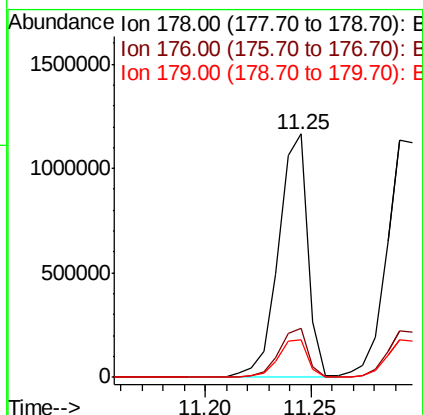
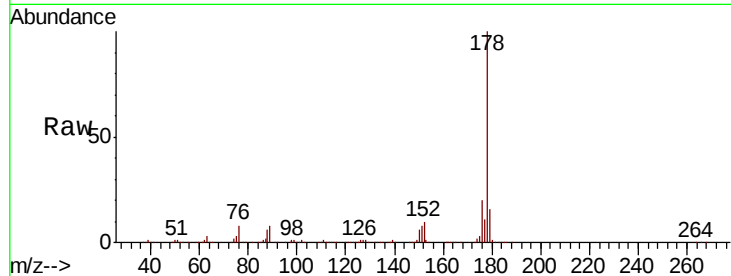
#71
Phenanthrene
Concen: 36.350 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.6	12.8	19.2

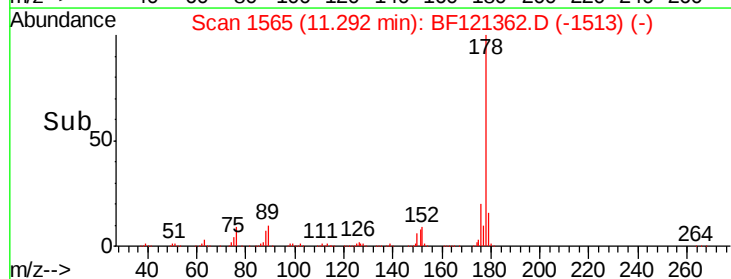
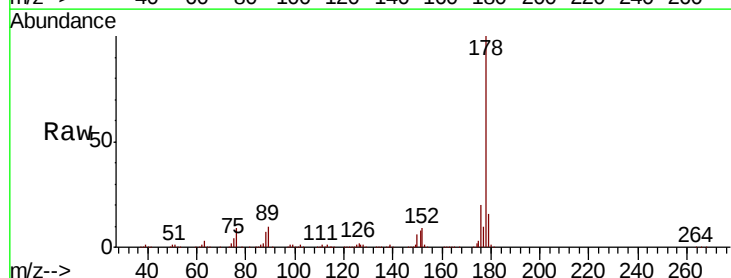
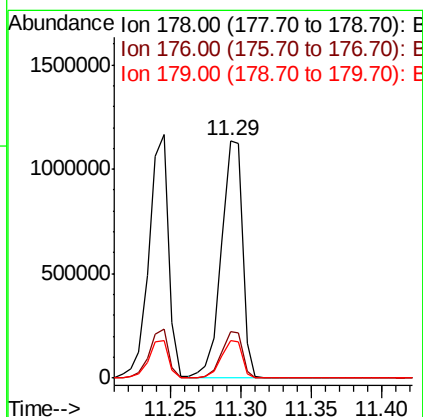
Manual Integrations
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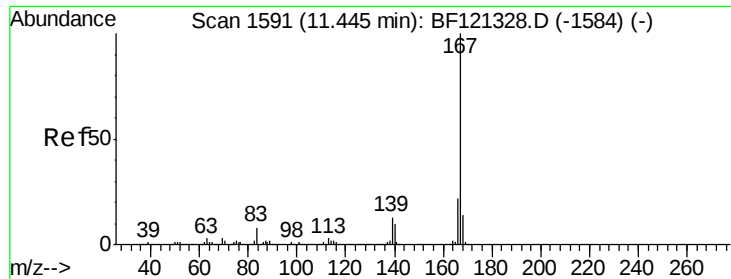
Sohil
8/24/2020 1:50:01 PM



#72
Anthracene
Concen: 39.836 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.8	19.2





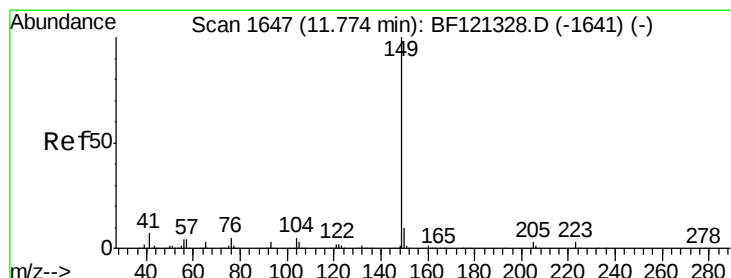
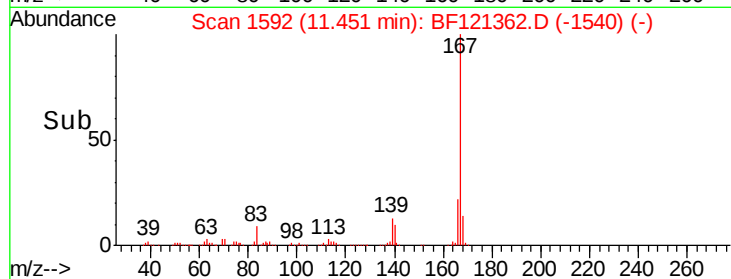
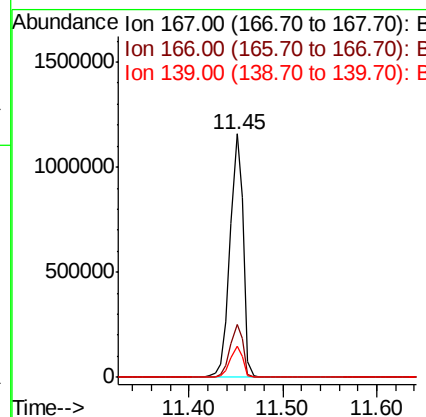
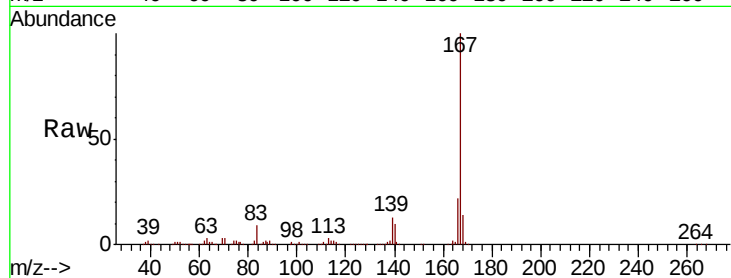
#73
 Carbazole
 Concen: 39.486 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.9	10.2	15.2

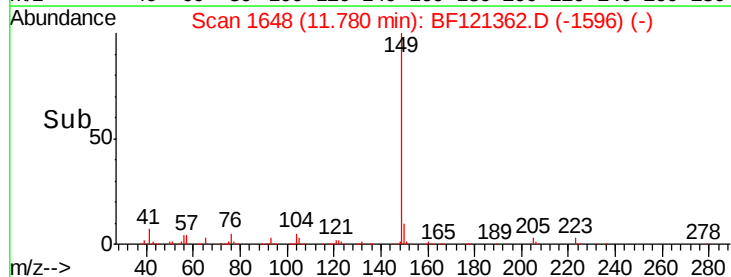
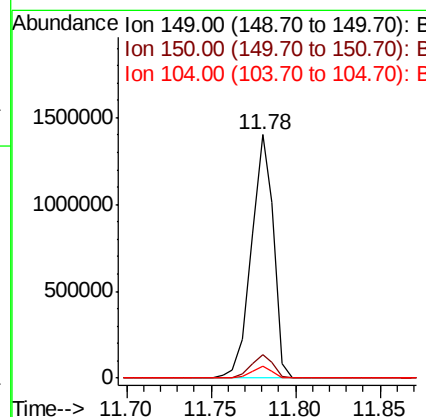
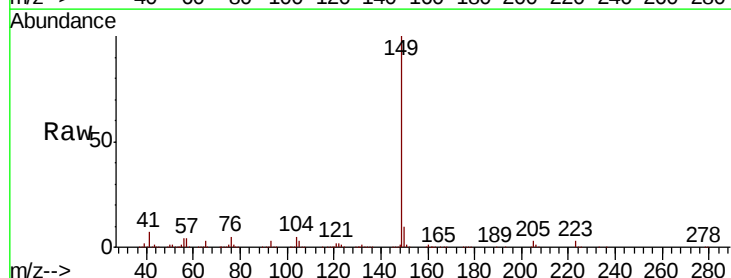
Manual Integrations
 APPROVED

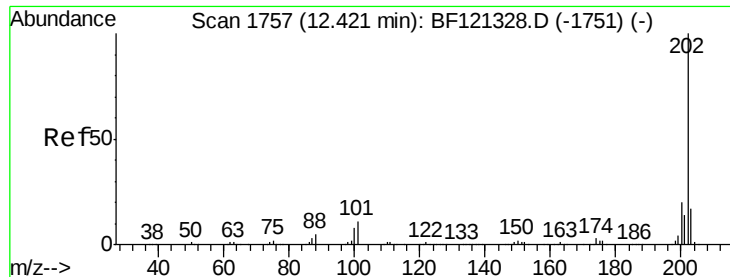
Sohil
 8/24/2020 1:50:01 PM



#74
 Di-n-butylphthalate
 Concen: 37.249 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 37.928 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

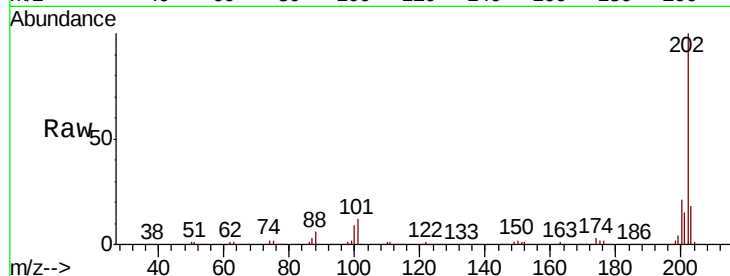
ClientSampleId :

PB130970BS

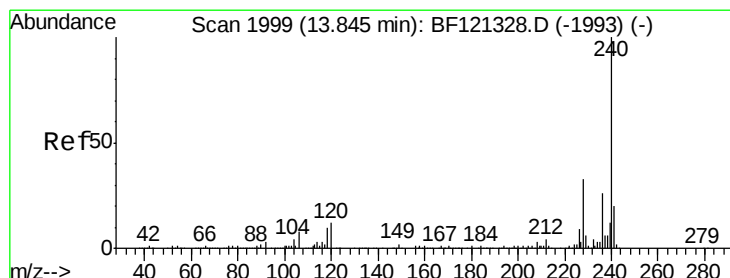
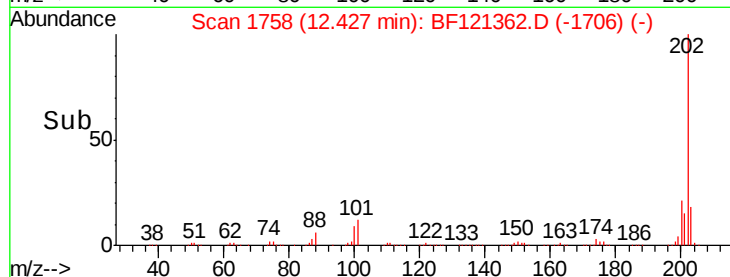
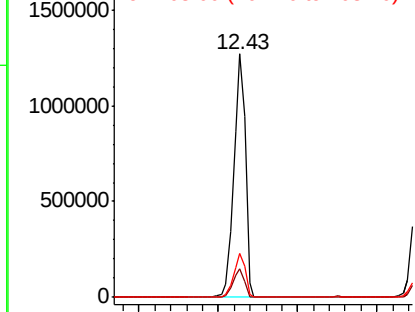
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.6
203	18.2	0.0	37.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

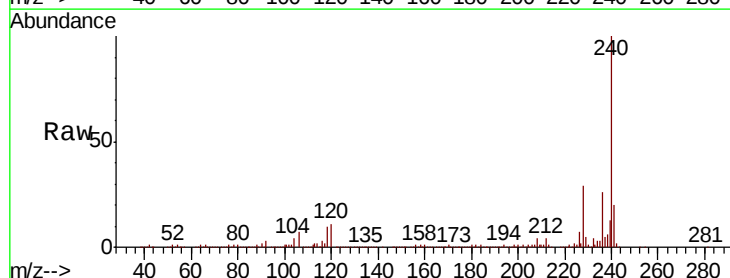
RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

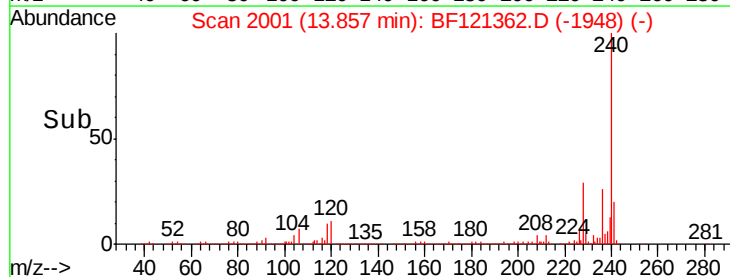
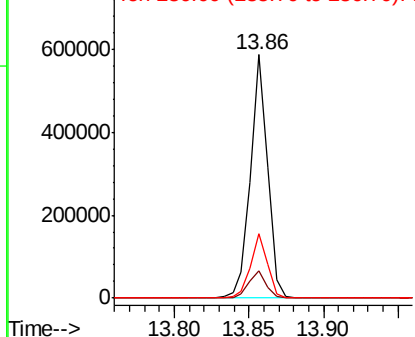
Lab File: BF121362.D

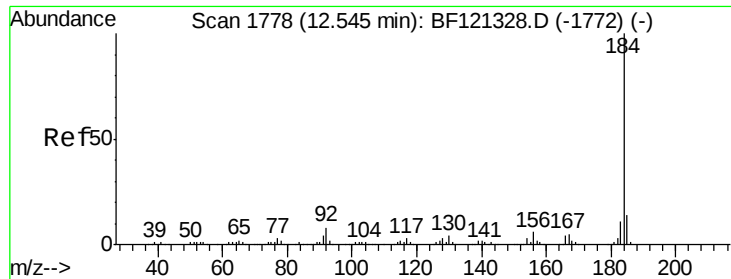
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	26.4	20.6	31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.699 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

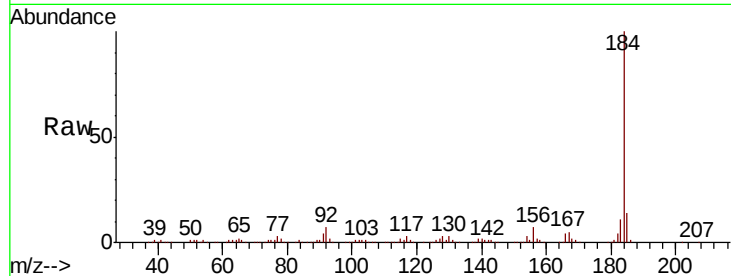
ClientSampleId :

PB130970BS

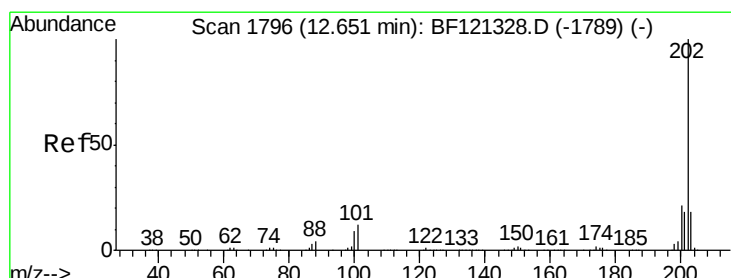
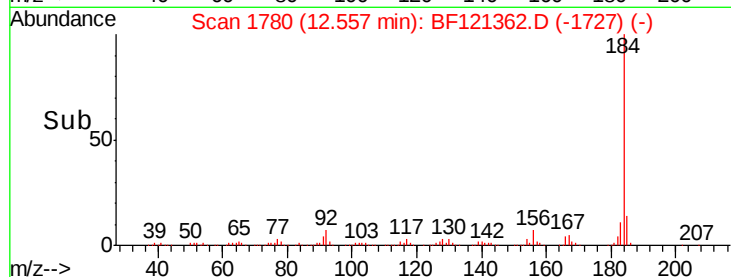
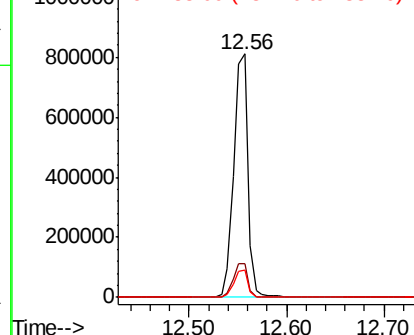
Tot Ion:	184	Resp:	826001
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.6	17.4
183	11.1	8.7	13.1

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.187 ng

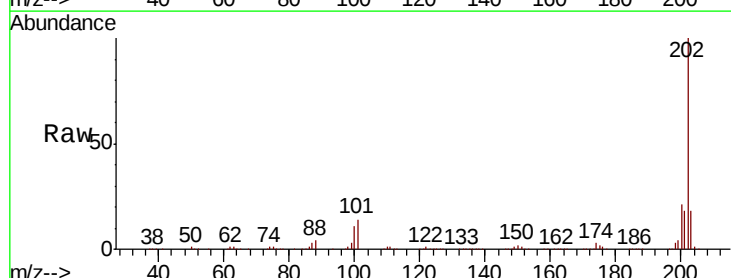
RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

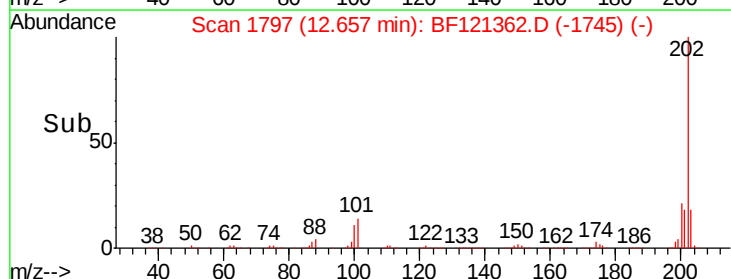
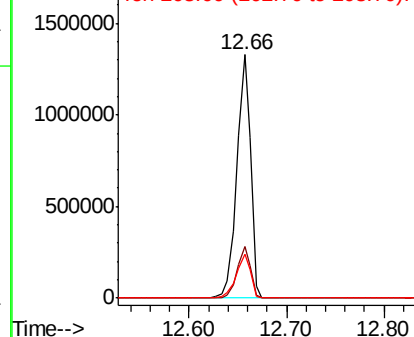
Lab File: BF121362.D

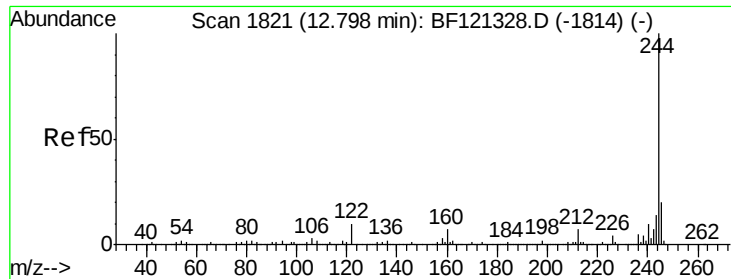
Acq: 21 Aug 2020 11:37

Tgt Ion:	202	Resp:	1294433
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	24.8
203	18.2	14.2	21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





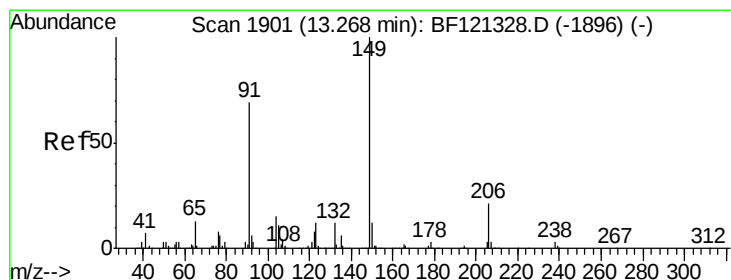
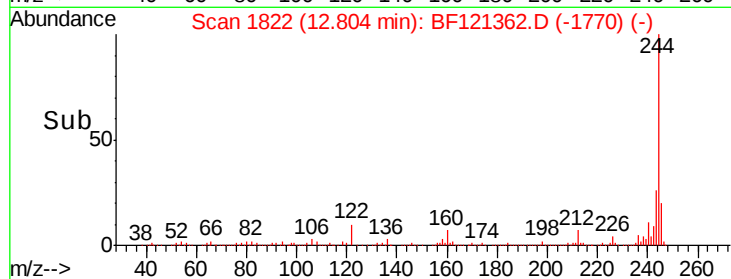
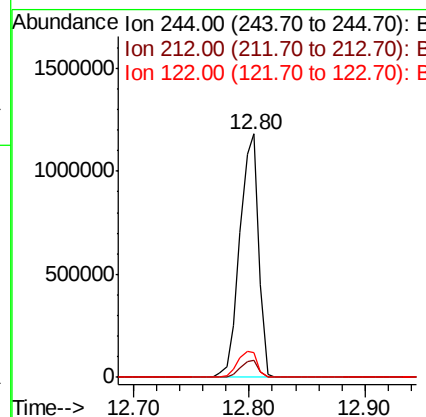
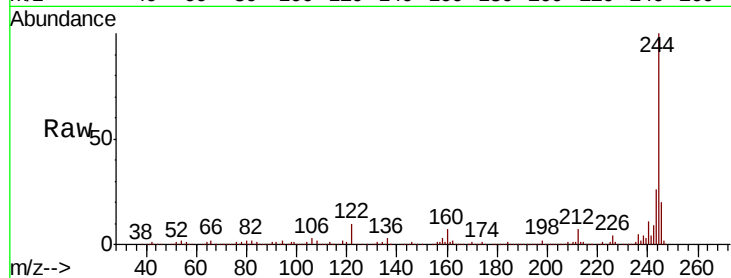
#79
 Terphenyl-d14
 Concen: 56.075 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.2	7.8	11.8

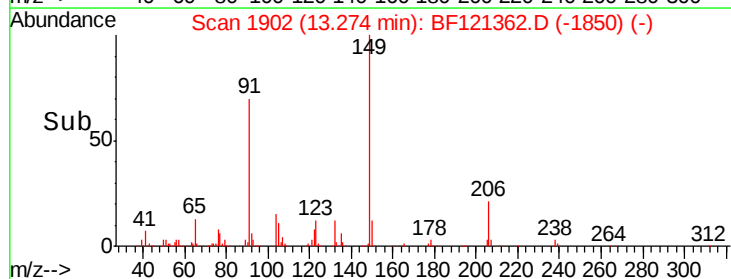
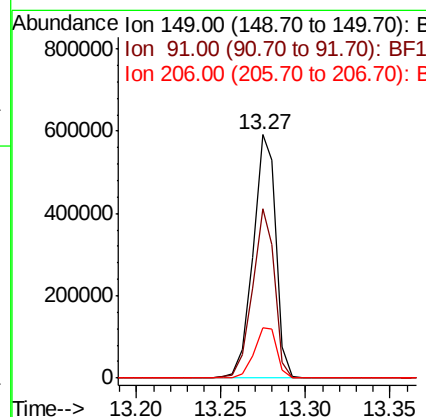
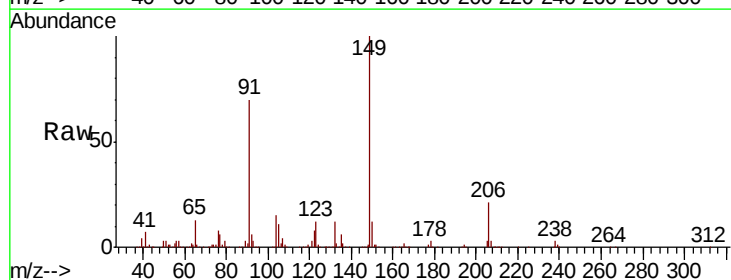
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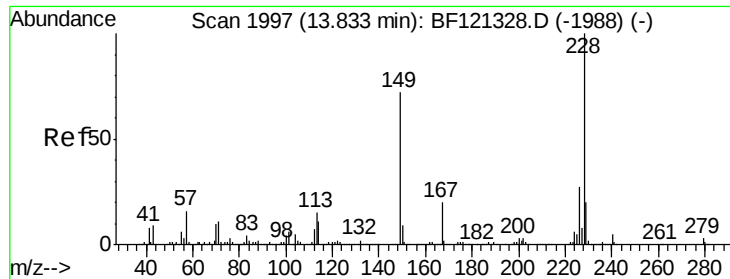
Sohil
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#80
 Butylbenzylphthalate
 Concen: 37.271 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	55.2	82.8
206	20.6	16.8	25.2





#81

Benzo(a)anthracene

Concen: 36.931 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

Instrument :

BNA_F

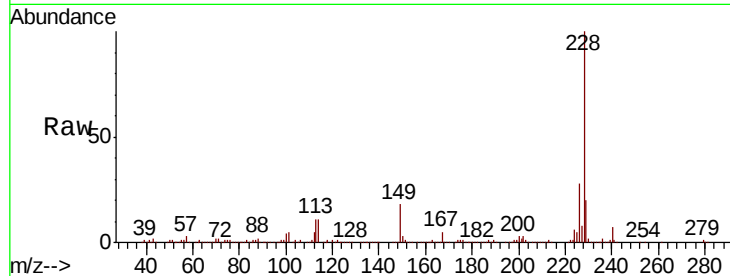
ClientSampleId :

PB130970BS

Tot Ion:	228	Resp:	1062961
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.8	32.6
229	20.0	15.8	23.8

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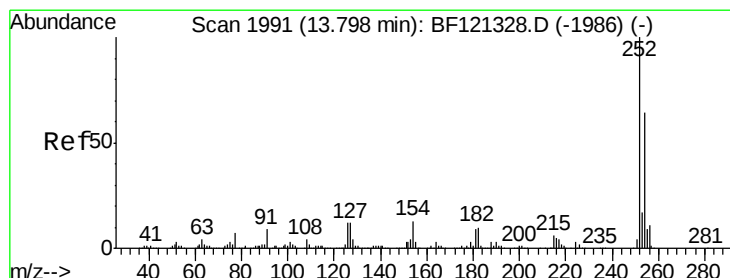
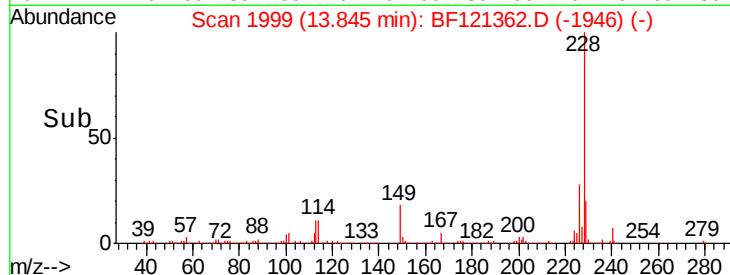
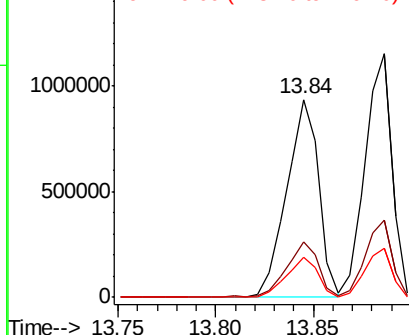


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.618 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BF121362.D

Acq: 21 Aug 2020 11:37

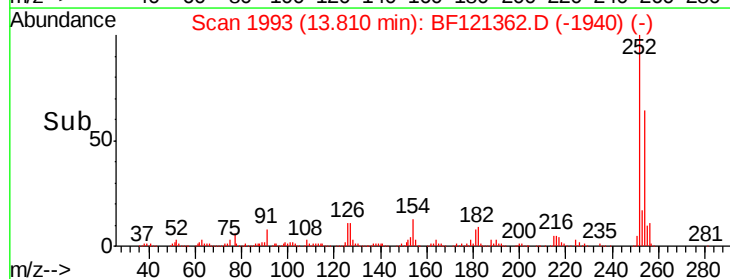
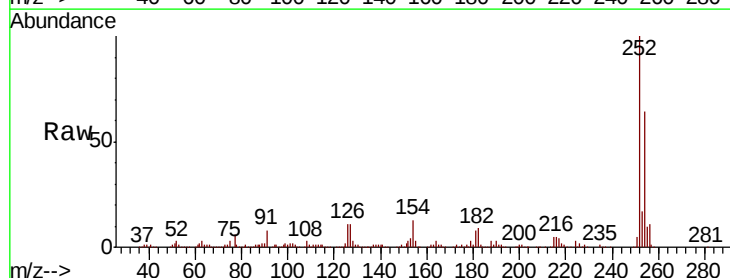
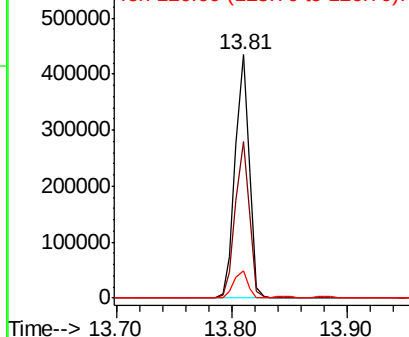
Tgt Ion:	252	Resp:	371508
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.5	77.3
126	11.2	9.8	14.8

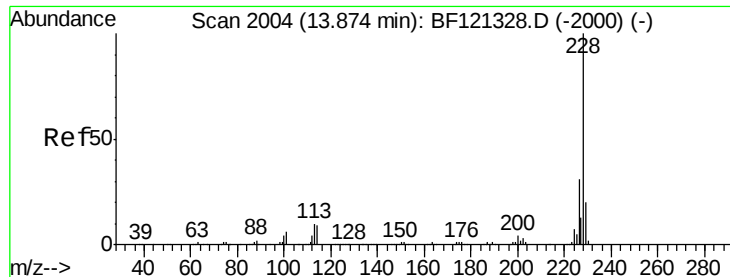
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





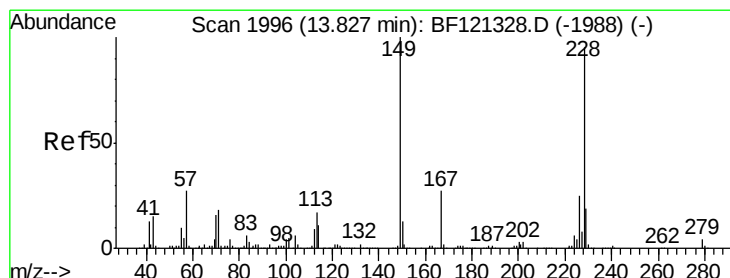
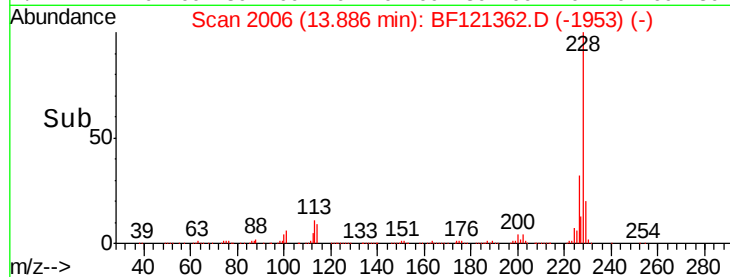
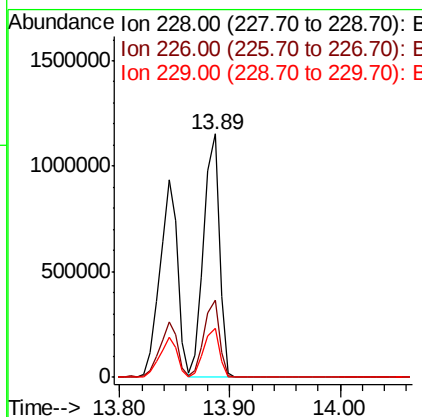
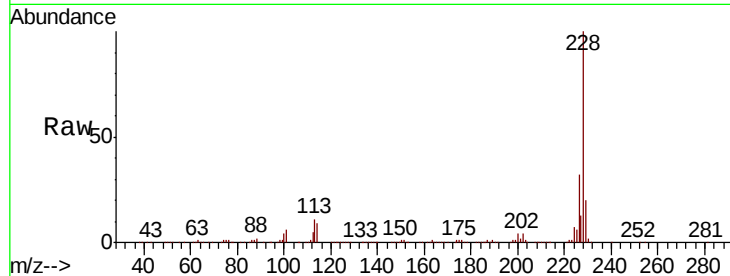
#83
 Chrvsene
 Concen: 37.448 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	36.8
229	20.1	15.9	23.9

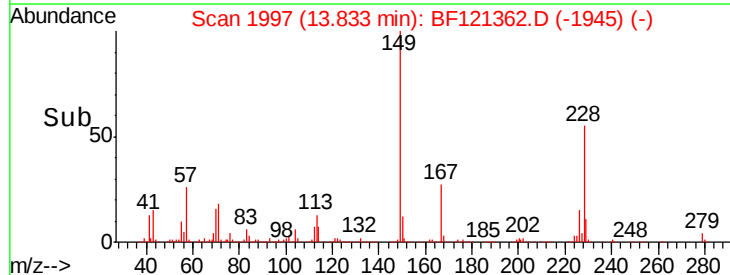
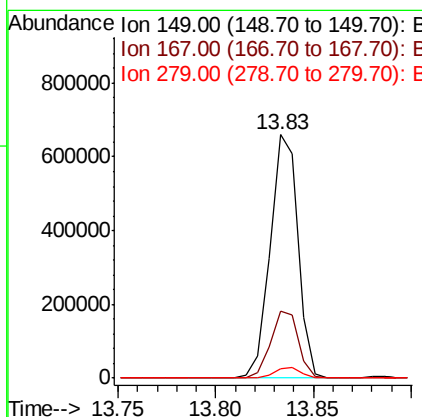
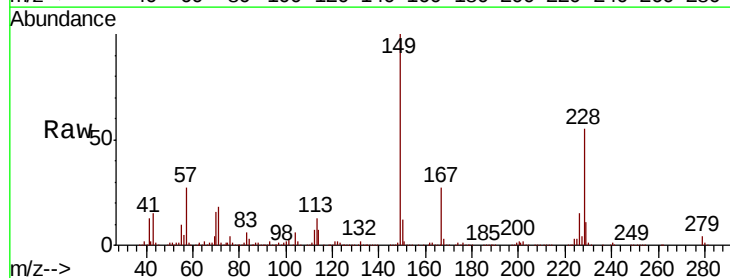
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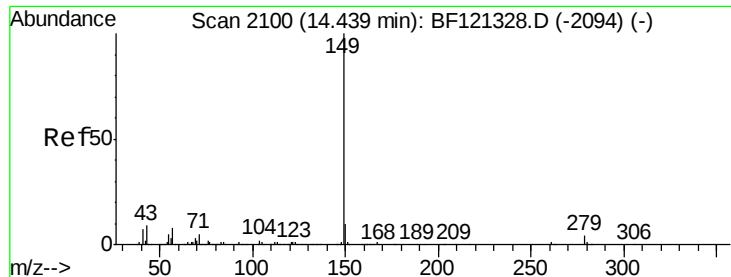
Sohil
 8/24/2020 1:50:01 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.047 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	3.9	2.9	4.3





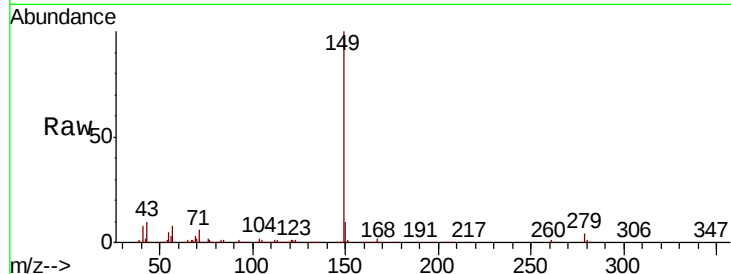
#85
Di-n-octyl phthalate
Concen: 39.534 ng
RT: 14.44 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

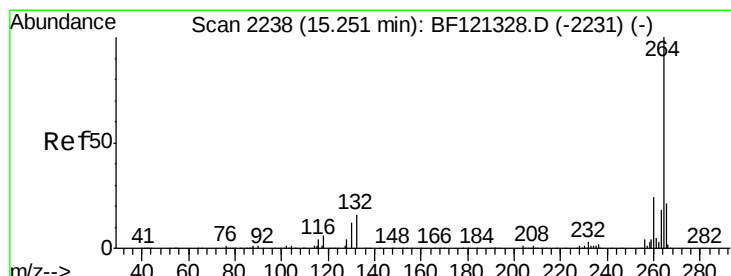
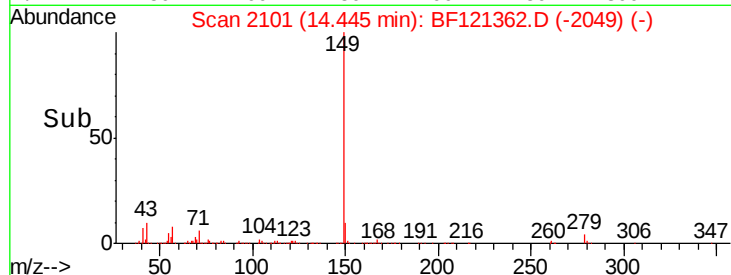
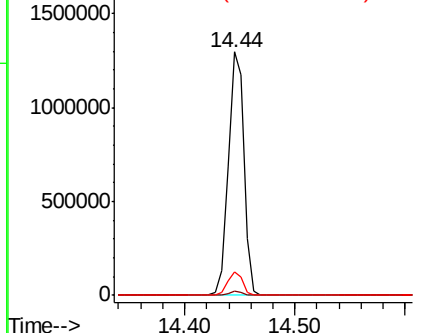
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.1	10.7

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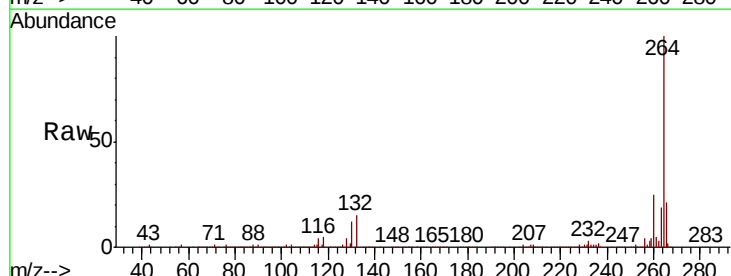


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

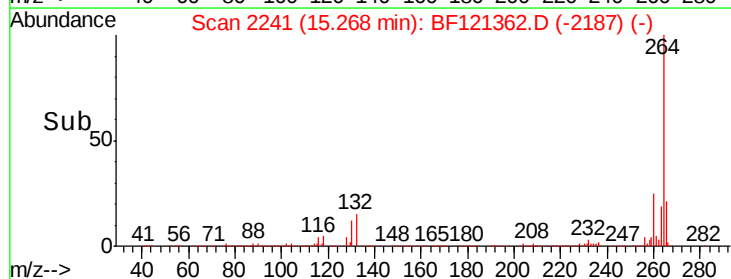
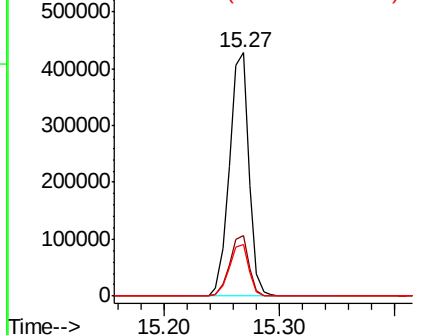


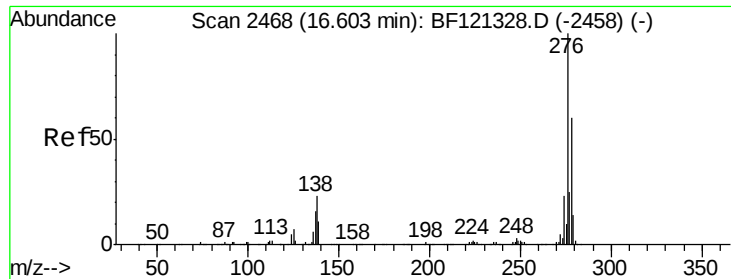
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.0	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





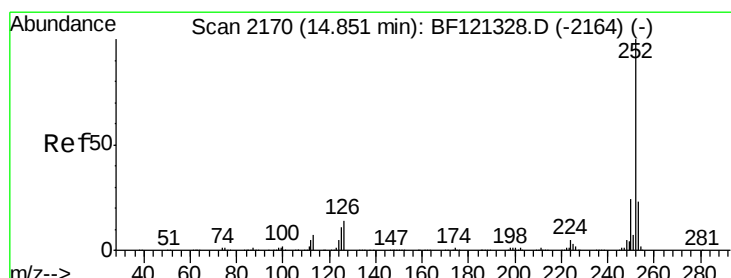
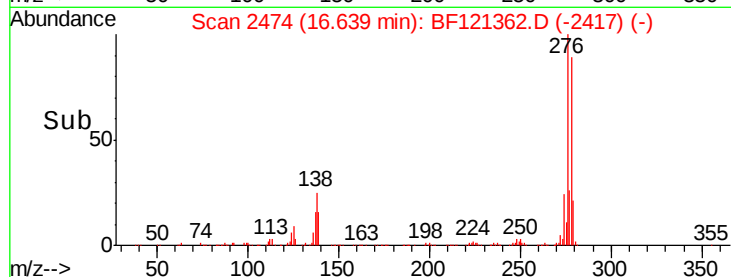
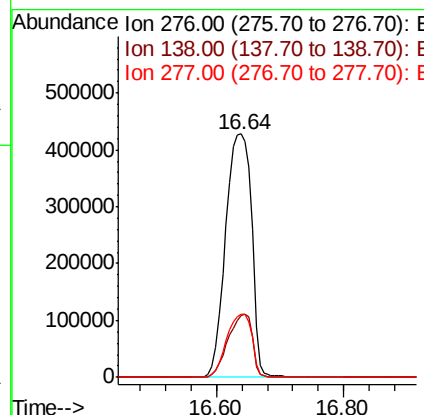
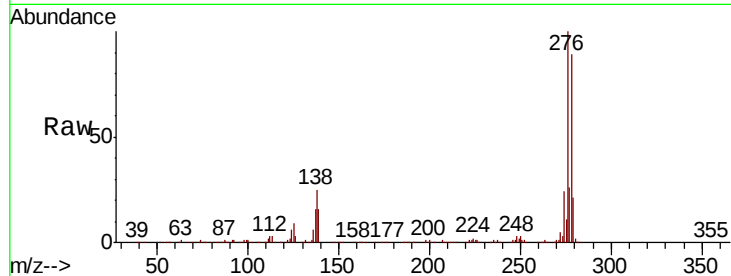
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.758 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Instrument :
 BNA_F
 ClientSampled :
 PB130970BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.0
277	25.4	19.9	29.9

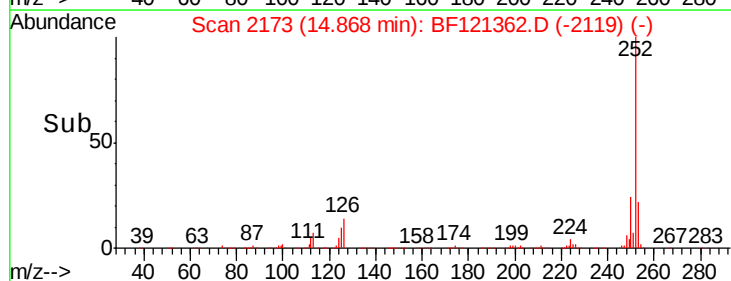
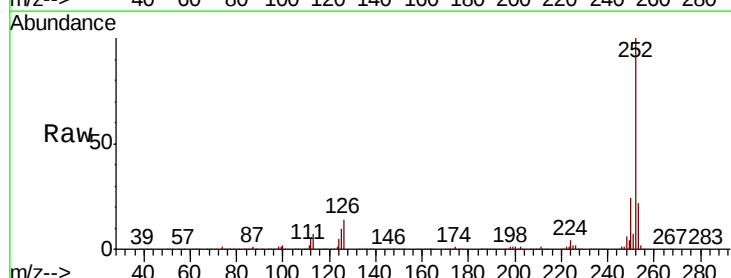
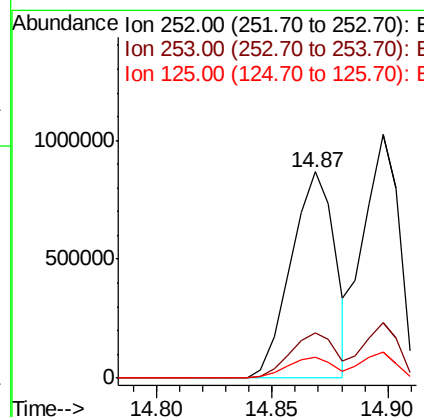
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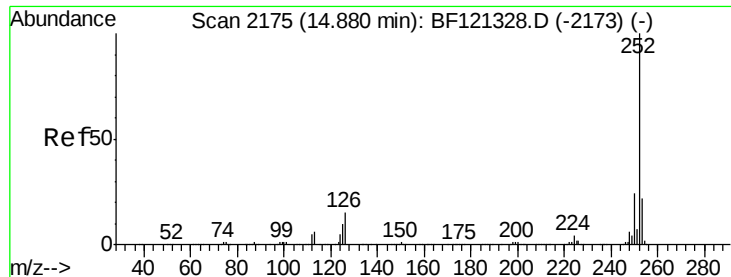
Sohil
 8/24/2020 1:50:01 PM



#88
 Benzo(b)fluoranthene
 Concen: 35.764 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. 0.02 min
 Lab File: BF121362.D
 Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.3	8.6	12.8





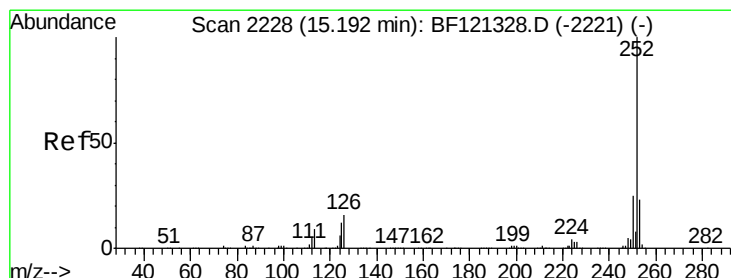
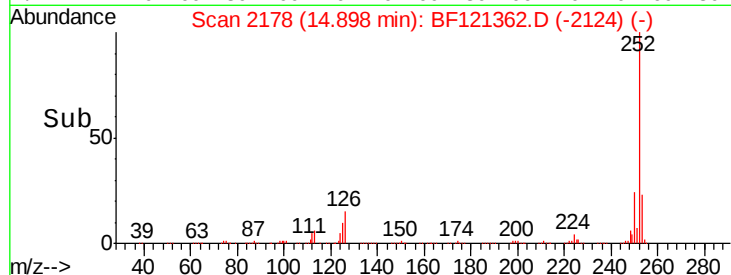
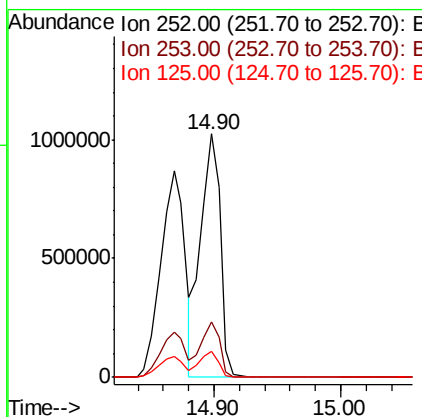
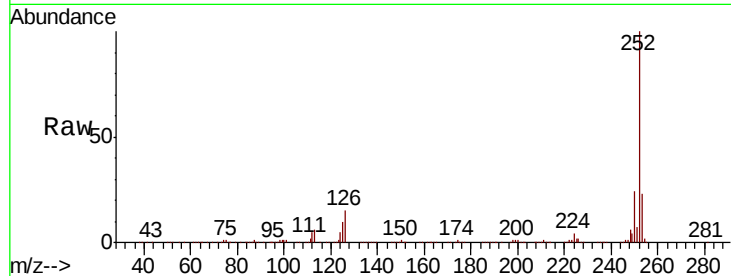
#89
Benzo(k)fluoranthene
Concen: 38.709 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.02 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampled :
PB130970BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.5	8.6	12.8

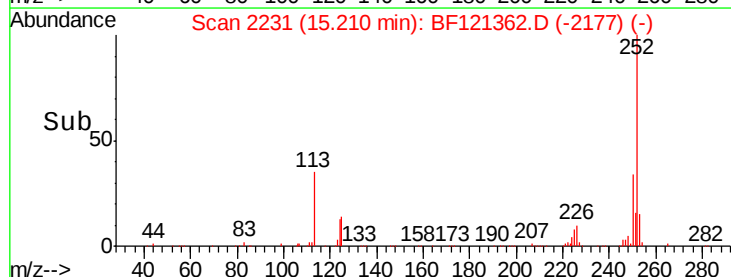
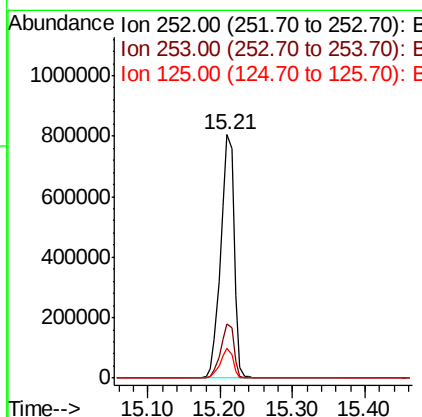
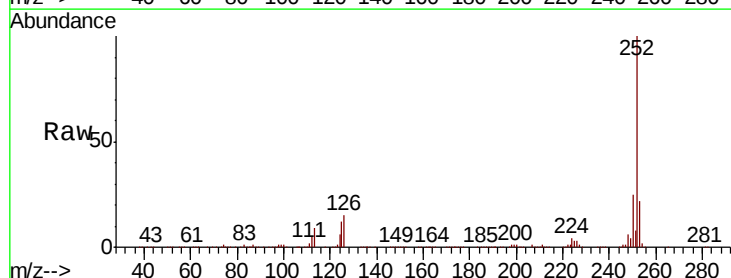
Manual Integrations
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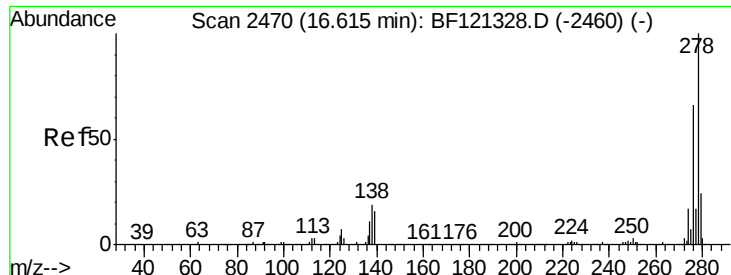
Sohil
8/24/2020 1:50:01 PM



#90
Benzo(a)pyrene
Concen: 37.429 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.1	9.4	14.0





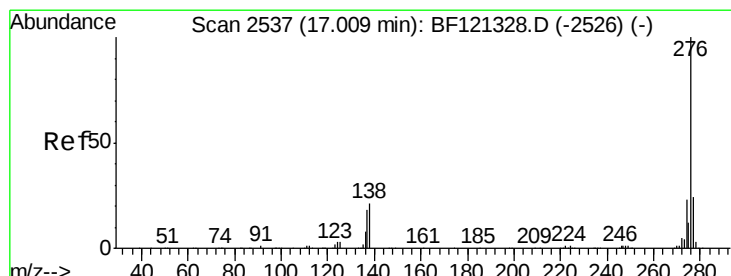
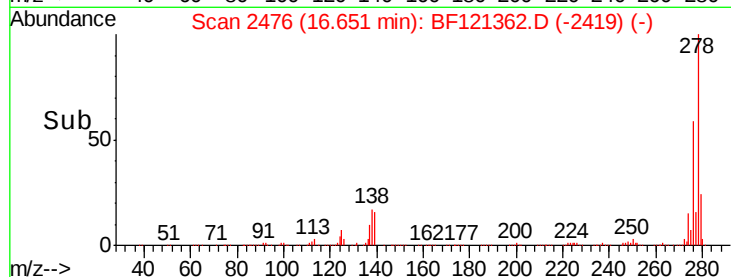
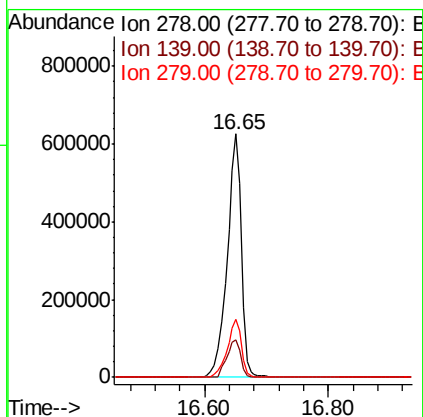
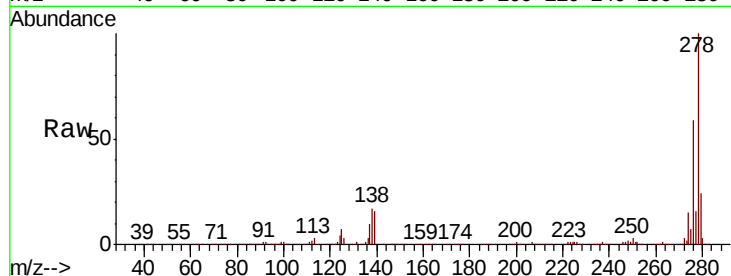
#91
Dibenzo(a,h)anthracene
Concen: 39.798 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.04 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.1	19.7
279	24.0	19.4	29.2

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:01 PM



#92
Benzo(g,h,i)perylene
Concen: 41.900 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.04 min
Lab File: BF121362.D
Acq: 21 Aug 2020 11:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	21.4	16.8	25.2

