

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\  
 Data File : BF121405.D  
 Acq On : 24 Aug 2020 18:22  
 Operator : JU/CG  
 Sample : L3773-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 BNA\_F  
**Client Sampled :**  
 DRUM-COMPMS

**Manual Integrations**  
**APPROVED**  
 mohammad  
 8/25/2020 4:19:12 PM

Quant Time: Aug 25 09:44:54 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	133608	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	453679	20.00	ng	0.01
39) Acenaphthene-d10	9.75	164	225448	20.00	ng	0.02
64) Phenanthrene-d10	11.23	188	422551	20.00	ng	0.02
76) Chrysene-d12	13.86	240	334217	20.00	ng	0.02
86) Perylene-d12	15.27	264	351699	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	819512	100.58	ng	0.01
7) Phenol-d6	6.35	99	980308	94.24	ng	0.00
23) Nitrobenzene-d5	7.27	82	674010	84.02	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	238483	90.78	ng	0.02
45) 2-Fluorobiphenyl	9.06	172	1074269	92.64	ng	0.01
79) Terphenyl-d14	12.81	244	1092561	63.88	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	157331	42.670	ng	99
3) Pyridine	3.08	79	390083	39.418	ng	100
4) n-Nitrosodimethylamine	3.03	42	191682	47.589	ng	100
6) Aniline	6.36	93	400201	33.320	ng	# 62
8) 2-Chlorophenol	6.49	128	421930	49.544	ng	99
9) Benzaldehyde	6.25	77	248017	42.383	ng	96
10) Phenol	6.36	94	478472	43.870	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	405614	48.288	ng	99
12) 1,3-Dichlorobenzene	6.64	146	424132	44.452	ng	98
13) 1,4-Dichlorobenzene	6.72	146	421847	43.796	ng	99
14) 1,2-Dichlorobenzene	6.87	146	402566	43.887	ng	98
15) Benzyl Alcohol	6.85	79	330991	52.886	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	529720	42.829	ng	89
17) 2-Methylphenol	6.97	107	322715	45.926	ng	95
18) Hexachloroethane	7.20	117	157816	44.003	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	256485	45.848	ng	99
20) 3+4-Methylphenols	7.12	107	384052	57.399	ng	92
22) Acetophenone	7.11	105	525435	49.538	ng	96
24) Nitrobenzene	7.29	77	404375	49.460	ng	99
25) Isophorone	7.53	82	780645	53.475	ng	98
26) 2-Nitrophenol	7.60	139	217936	51.975	ng	97
27) 2,4-Dimethylphenol	7.65	122	351706	58.783	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	457820	46.070	ng	96
29) 2,4-Dichlorophenol	7.85	162	339334	51.947	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	353659	47.344	ng	99
31) Naphthalene	8.00	128	1086004	48.097	ng	100
32) Benzoic acid	7.76	122	13200m	9.472	ng	
33) 4-Chloroaniline	8.06	127	318406	31.846	ng	96
34) Hexachlorobutadiene	8.12	225	204585	46.278	ng	98
35) Caprolactam	8.44	113	136736m	63.913	ng	
36) 4-Chloro-3-methylphenol	8.56	107	326383	49.401	ng	100
37) 2-Methylnaphthalene	8.70	142	698095	47.701	ng	99
38) 1-Methylnaphthalene	8.80	142	635520m	45.671	ng	
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	299487	44.758	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	199167	75.530	ng	100
43) 2,4,6-Trichlorophenol	8.99	196	196772	43.015	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	218410	46.408	ng	# 92
46) 1,1'-Biphenyl	9.16	154	622432	36.836	ng	100
47) 2-Chloronaphthalene	9.19	162	561416	40.328	ng	97
48) 2-Nitroaniline	9.29	65	211443	48.240	ng	96
49) Acenaphthylene	9.60	152	966453	46.739	ng	99
50) Dimethylphthalate	9.47	163	651803	39.740	ng	99
51) 2,6-Dinitrotoluene	9.53	165	157025	44.827	ng	93
52) Acenaphthene	9.78	154	524578	41.753	ng	98
53) 3-Nitroaniline	9.70	138	151266	34.520	ng	# 90
54) 2,4-Dinitrophenol	9.82	184	14188	8.402	ng	# 68
55) Dibenzofuran	9.95	168	777513	48.961	ng	98
56) 4-Nitrophenol	9.88	139	228330	84.489	ng	93
57) 2,4-Dinitrotoluene	9.94	165	177308	41.491	ng	93
58) Fluorene	10.29	166	580621	49.897	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	143600	35.693	ng	# 70
60) Diethylphthalate	10.17	149	625232	39.037	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	290706	49.593	ng	92
62) 4-Nitroaniline	10.32	138	186689	41.580	ng	92
63) Azobenzene	10.45	77	614878	41.333	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	22129	9.793	ng	# 35
66) n-Nitrosodiphenylamine	10.40	169	463453	35.558	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	202504	43.204	ng	93
68) Hexachlorobenzene	10.85	284	213109	39.444	ng	99
69) Atrazine	10.93	200	185487	45.940	ng	98
70) Pentachlorophenol	11.04	266	90400	37.606	ng	99
71) Phenanthrene	11.25	178	894904	40.921	ng	99
72) Anthracene	11.30	178	924743	43.911	ng	99
73) Carbazole	11.46	167	875809	43.576	ng	99
74) Di-n-butylphthalate	11.79	149	987881	40.761	ng	100
75) Fluoranthene	12.44	202	1062847	44.776	ng	98
77) Benzidine	12.56	184	661342	71.823	ng	98
78) Pyrene	12.67	202	1094379	43.591	ng	99
80) Butylbenzylphthalate	13.28	149	511878	47.451	ng	99
81) Benzo(a)anthracene	13.85	228	893394	43.037	ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	154814	19.424	ng	98
83) Chrysene	13.89	228	917600	43.220	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	643747	50.744	ng	99
85) Di-n-octyl phthalate	14.45	149	1070233	45.586	ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1031949	48.068	ng	100
88) Benzo(b)fluoranthene	14.87	252	867618	38.185	ng	99
89) Benzo(k)fluoranthene	14.90	252	823351	41.166	ng	100
90) Benzo(a)pyrene	15.22	252	792416	40.363	ng	98
91) Dibenzo(a,h)anthracene	16.66	278	833293	47.340	ng	99
92) Benzo(g,h,i)perylene	17.07	276	914996	53.172	ng	99

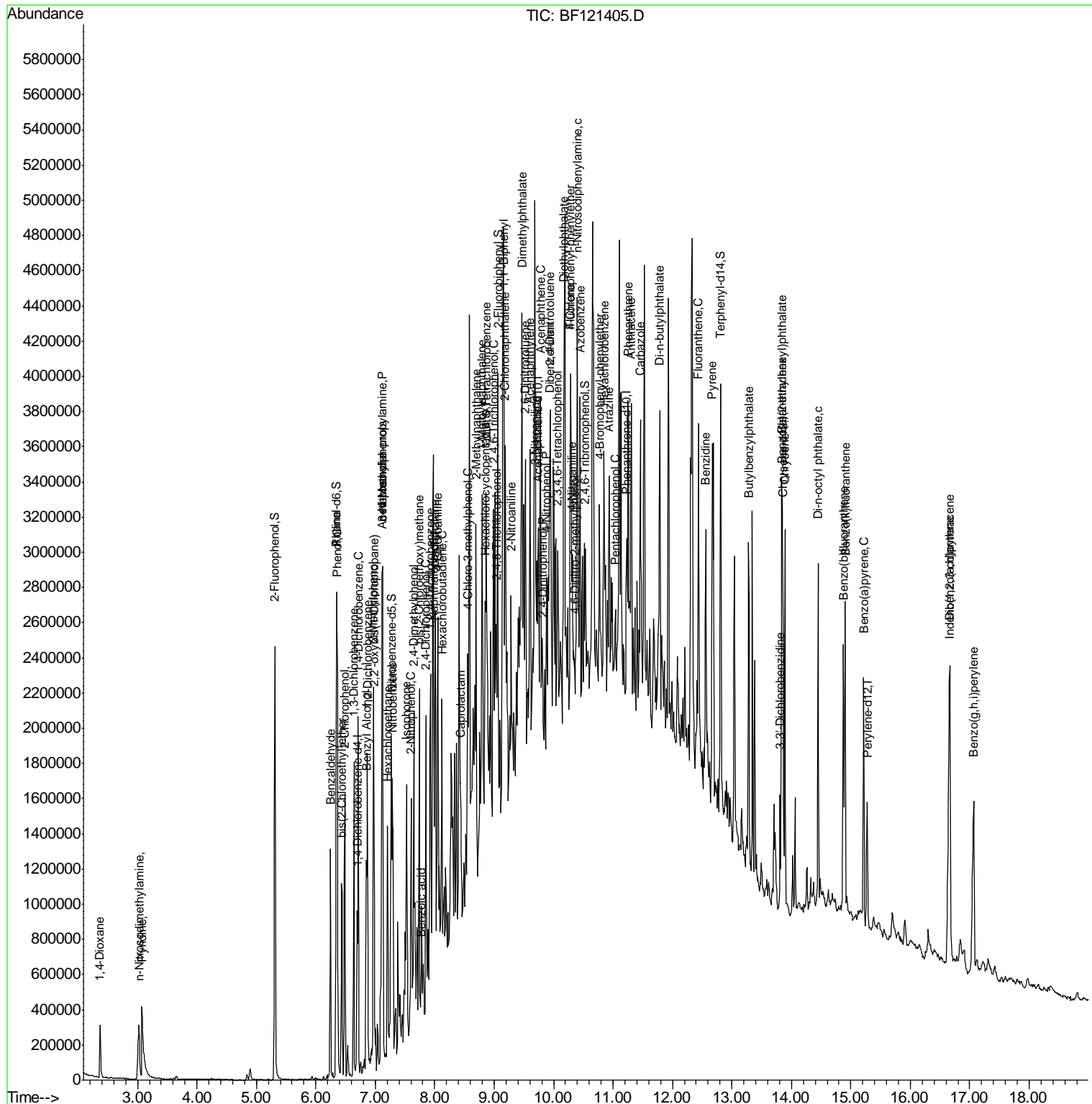
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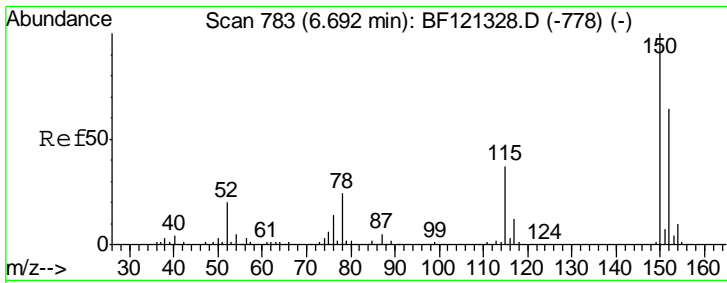
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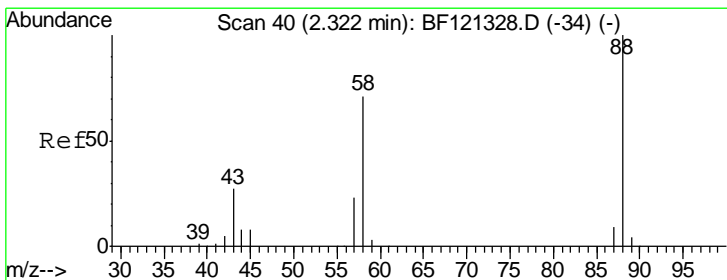
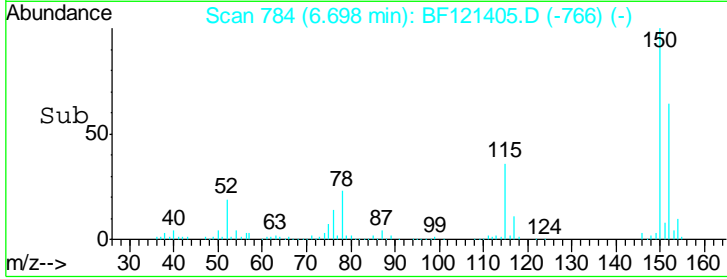
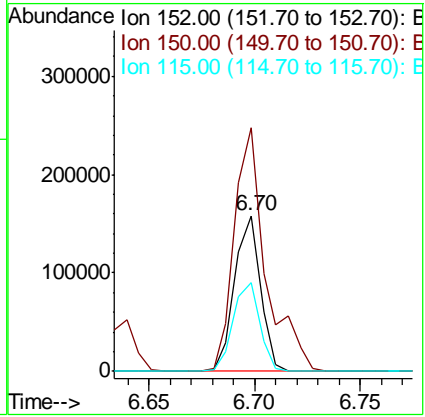
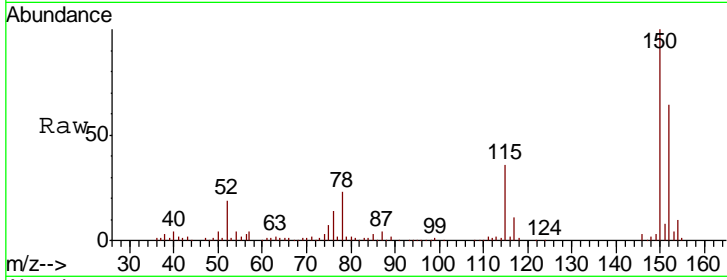
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 784  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

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Tgt Ion	Resp	Lower	Upper
152	133608		
150	156.3	124.8	187.2
115	56.9	46.1	69.1

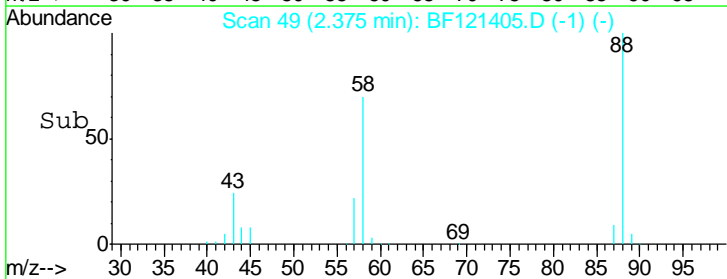
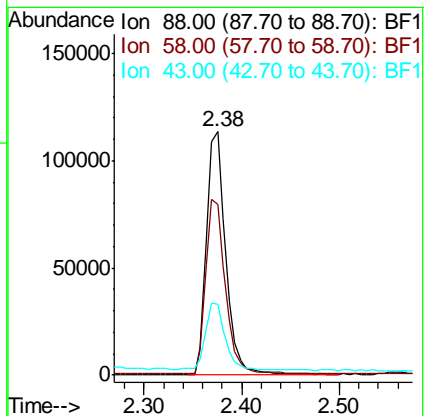
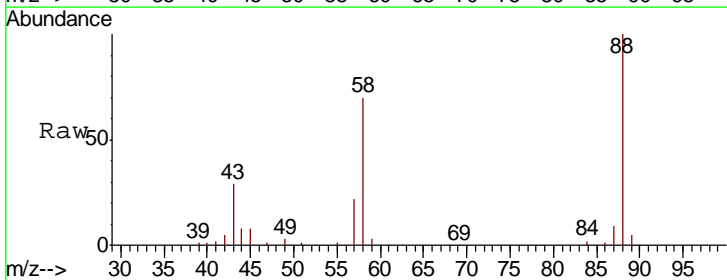
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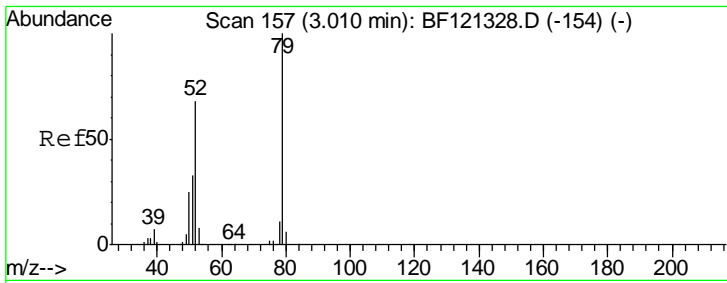
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#2  
 1,4-Dioxane  
 Concen: 42.670 ng  
 RT: 2.38 min Scan# 49  
 Delta R.T. 0.05 min  
 Lab File: BF121405.D  
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Tgt Ion	Resp	Lower	Upper
88	157331		
58	72.6	58.5	87.7
43	27.8	21.8	32.8





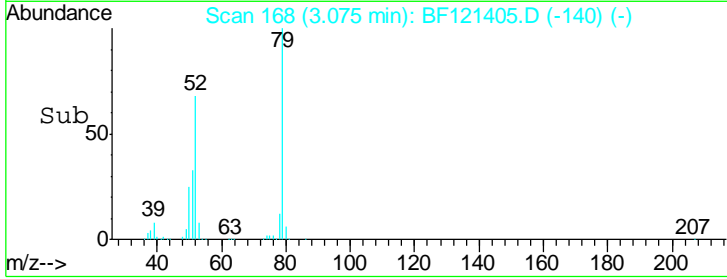
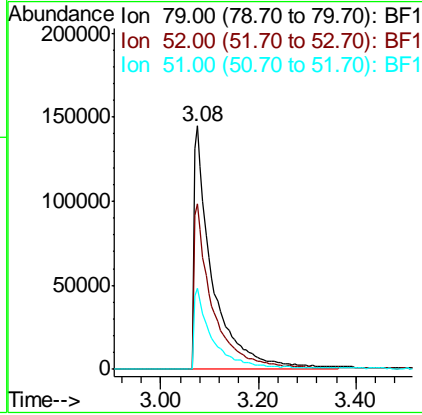
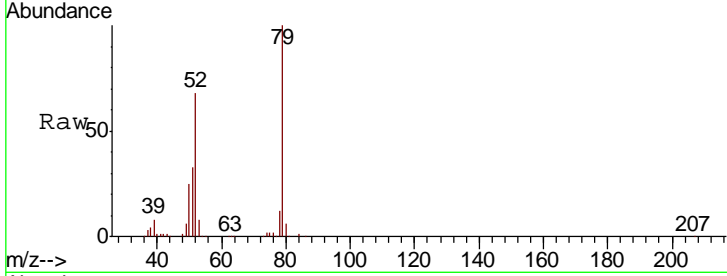
#3  
 Pyridine  
 Concen: 39.418 ng  
 RT: 3.08 min Scan# 168  
 Delta R.T. 0.06 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

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 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
79	100		
52	68.2	54.6	82.0
51	33.3	27.0	40.6

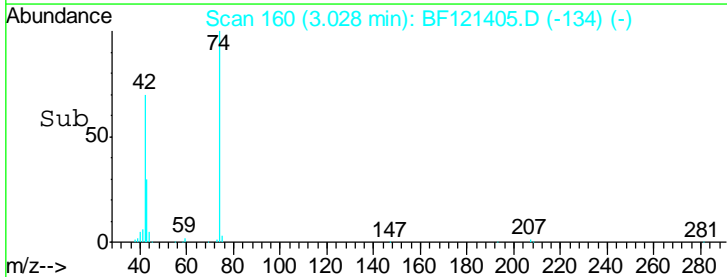
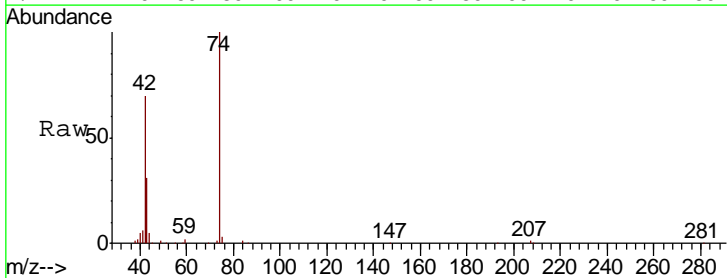
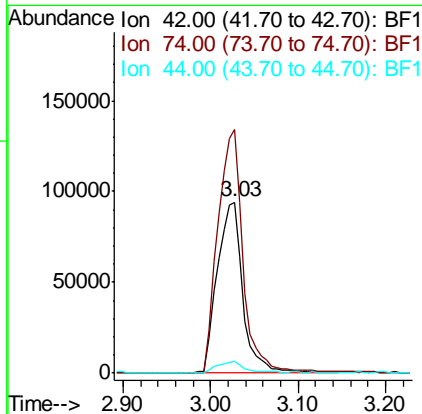
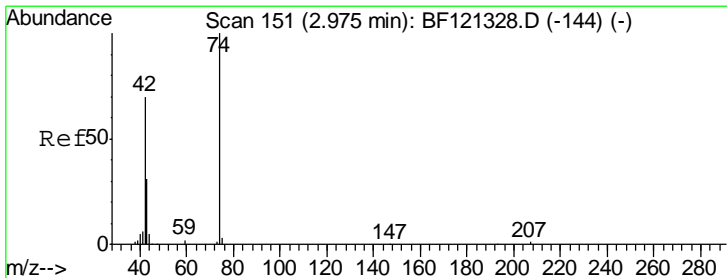
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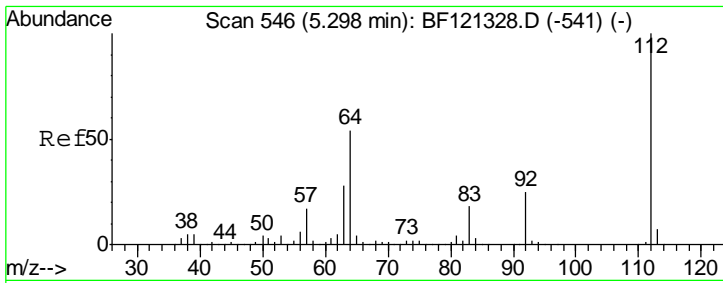
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#4  
 n-Nitrosodimethylamine  
 Concen: 47.589 ng  
 RT: 3.03 min Scan# 160  
 Delta R.T. 0.05 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
42	100		
74	142.2	114.2	171.2
44	7.0	5.4	8.2





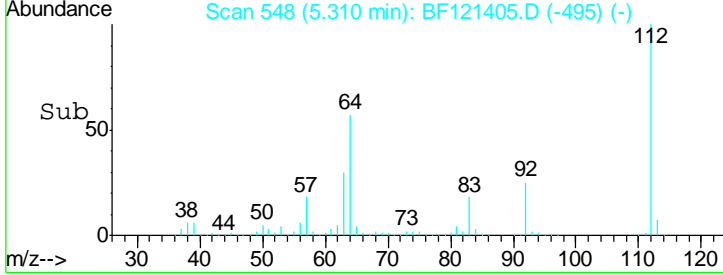
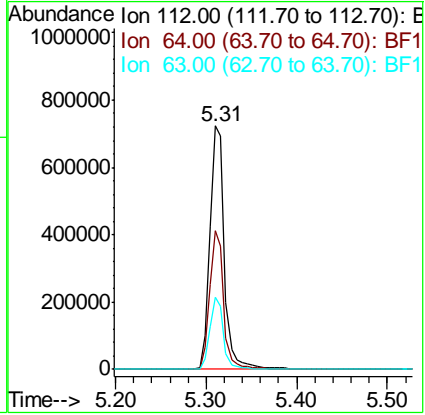
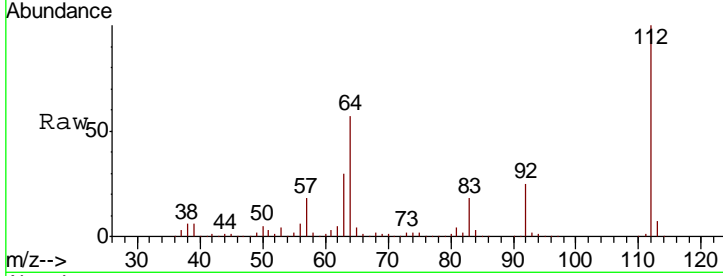
#5  
 2-Fluorophenol  
 Concen: 100.576 ng  
 RT: 5.31 min Scan# 548  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

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Tgt Ion	Resp	Lower	Upper
112	100		
64	56.8	43.5	65.3
63	29.7	22.0	33.0

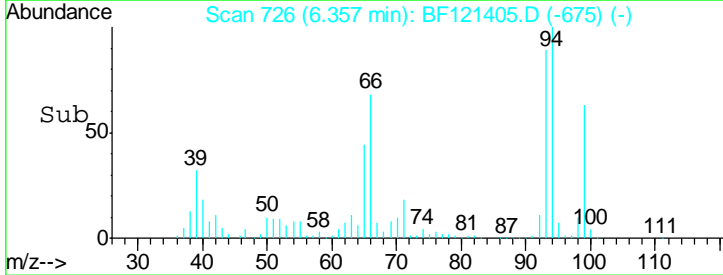
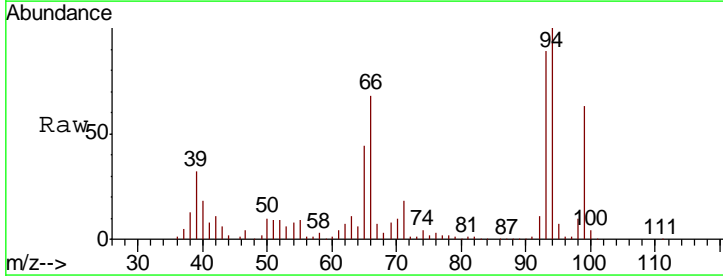
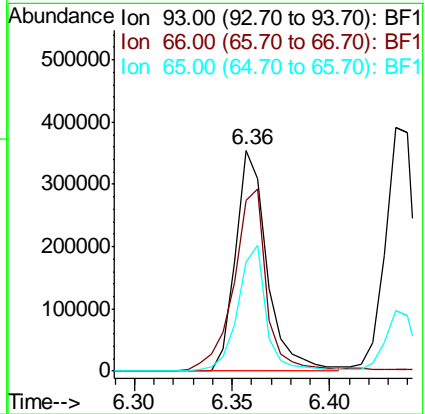
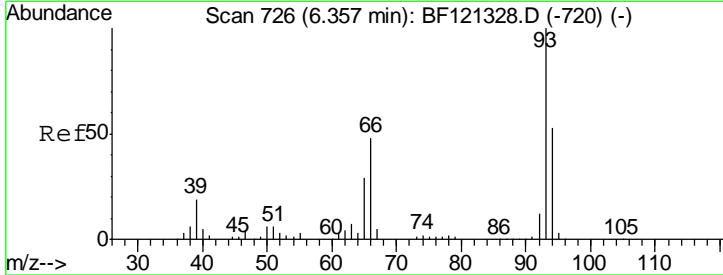
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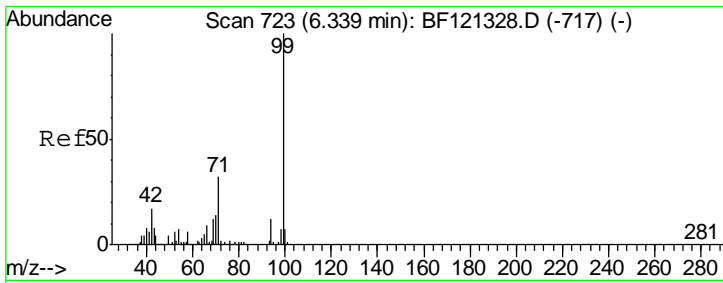
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#6  
 Aniline  
 Concen: 33.320 ng  
 RT: 6.36 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: BF121405.D  
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Tgt Ion	Resp	Lower	Upper
93	100		
66	77.0	40.2	60.2#
65	49.6	23.6	35.4#





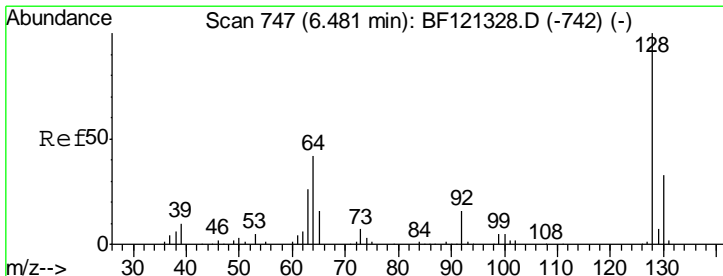
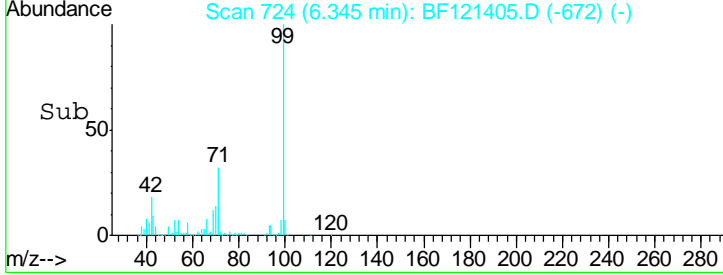
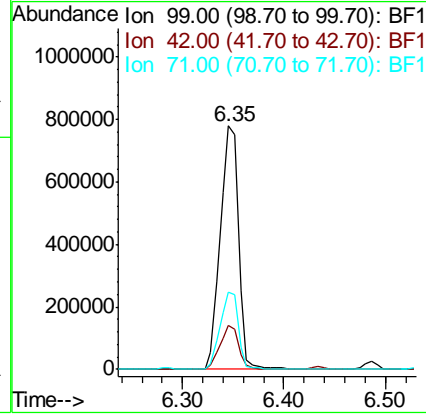
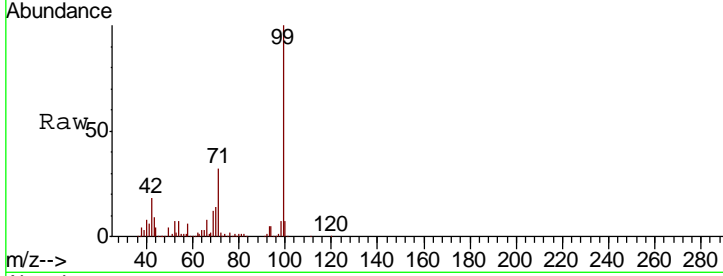
#7  
 Phenol-d6  
 Concen: 94.244 ng  
 RT: 6.35 min Scan# 724  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

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Tgt Ion	Resp	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	31.9	25.2	37.8

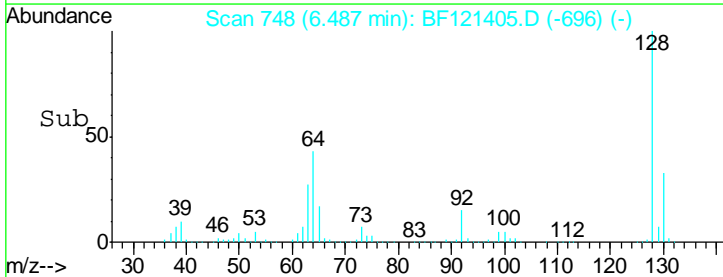
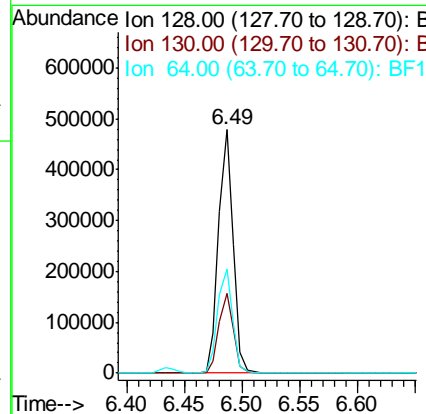
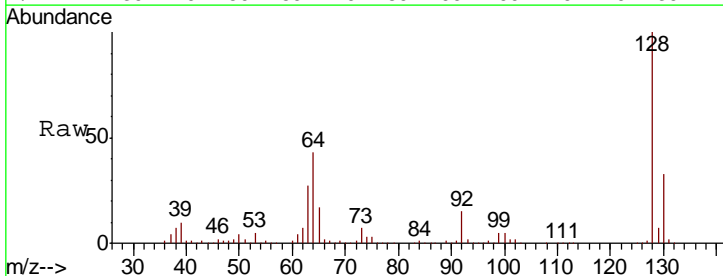
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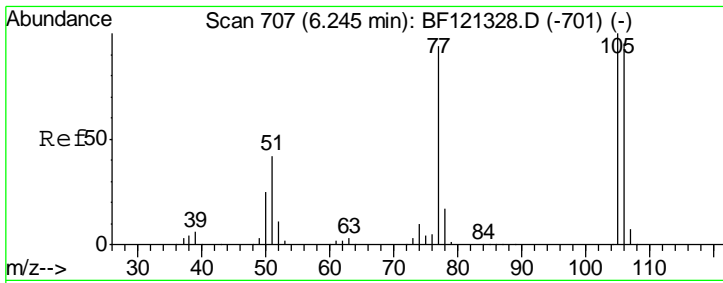


#8  
 2-Chlorophenol  
 Concen: 49.544 ng  
 RT: 6.49 min Scan# 748  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
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Tgt Ion	Resp	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	42.7	23.4	63.4







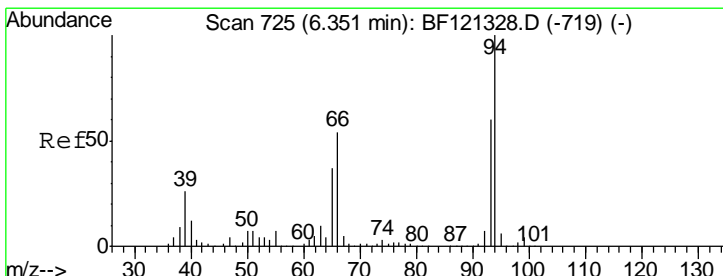
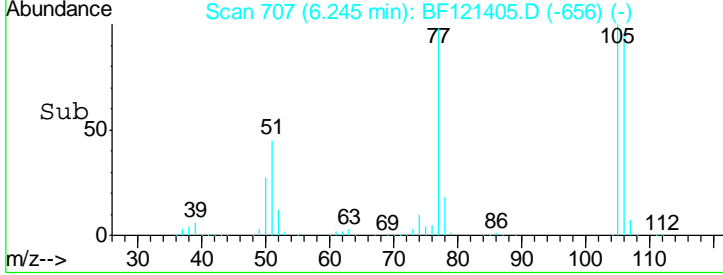
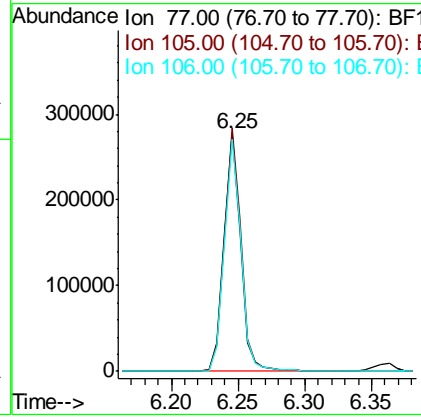
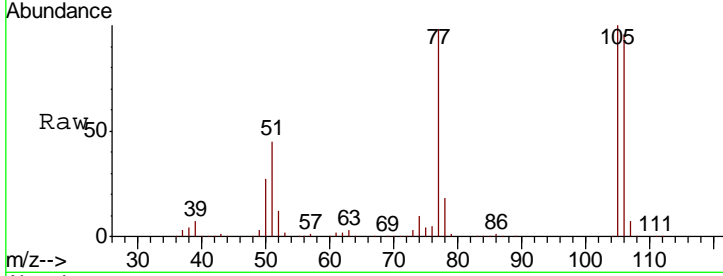
#9  
Benzaldehyde  
Concen: 42.383 ng  
RT: 6.25 min Scan# 707  
Delta R.T. 0.00 min  
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Tgt Ion	Resp	Lower	Upper
77	100		
105	102.3	86.3	126.3
106	97.7	81.2	121.2

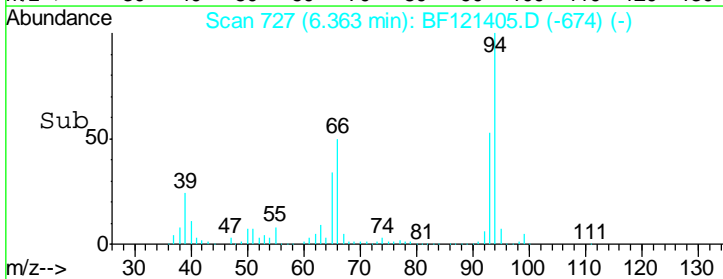
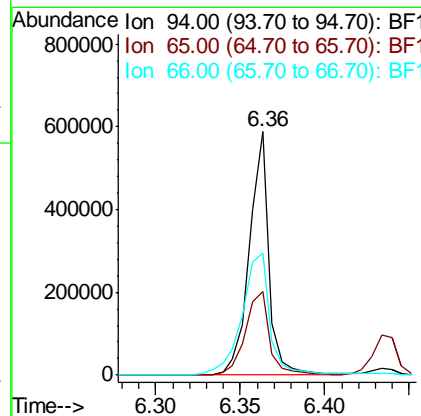
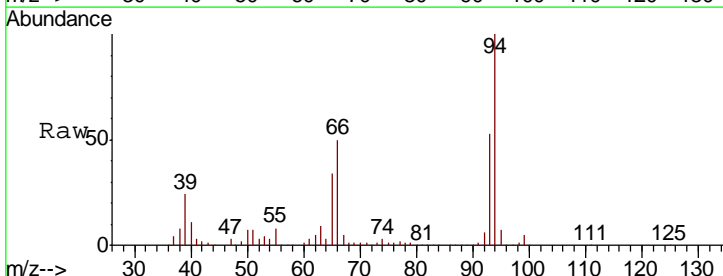
Manual Integrations  
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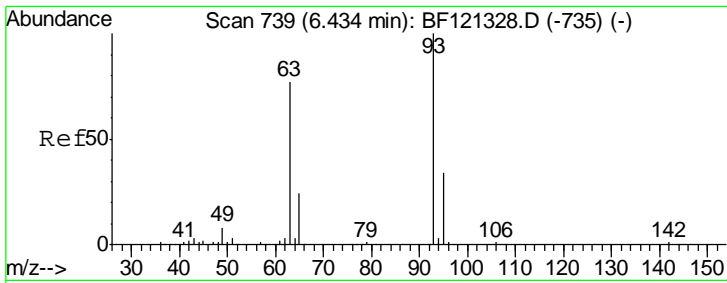


#10  
Phenol  
Concen: 43.870 ng  
RT: 6.36 min Scan# 727  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
94	100		
65	34.2	16.6	56.6
66	49.9	34.3	74.3





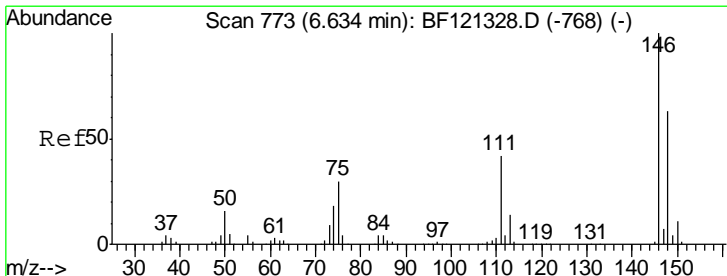
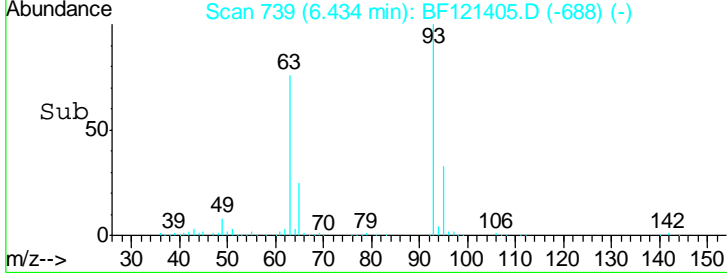
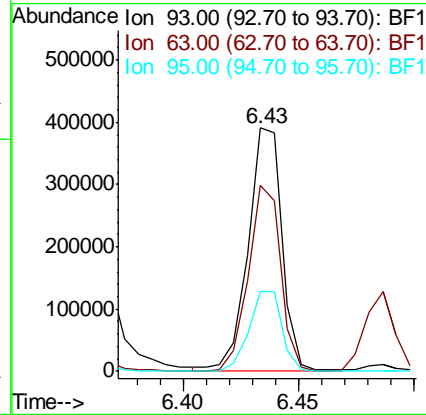
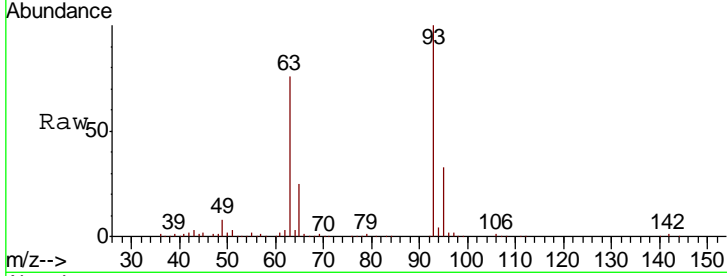


#11  
 bis(2-Chloroethyl)ether  
 Concen: 48.288 ng  
 RT: 6.43 min Scan# 739  
 Delta R.T. 0.00 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

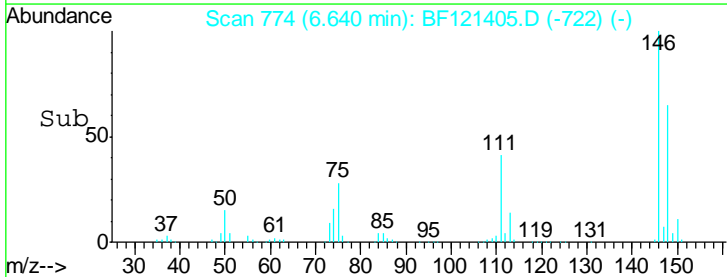
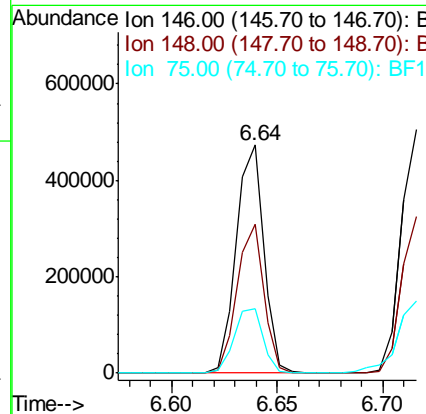
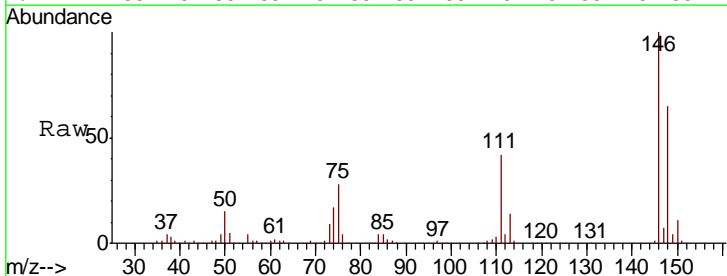
Tgt Ion	Resp	Lower	Upper
93	405614		
93	100		
63	76.3	56.4	96.4
95	32.7	13.5	53.5

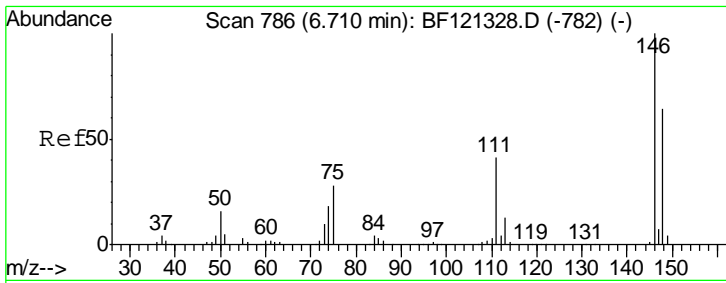
**Manual Integrations**  
**APPROVED**  
 mohammad  
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#12  
 1,3-Dichlorobenzene  
 Concen: 44.452 ng  
 RT: 6.64 min Scan# 774  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

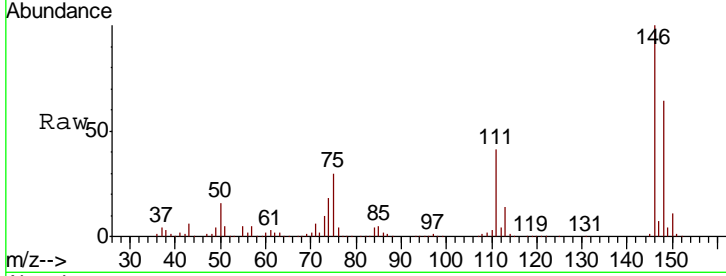
Tgt Ion	Resp	Lower	Upper
146	424132		
146	100		
148	65.2	50.7	76.1
75	28.3	23.8	35.6





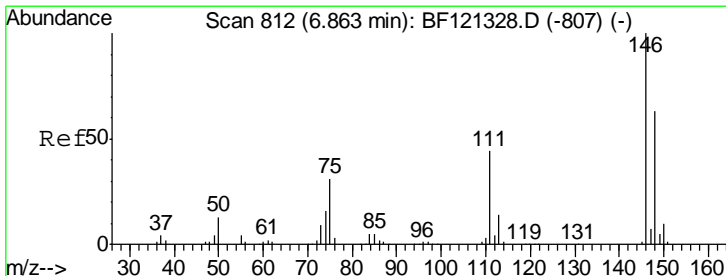
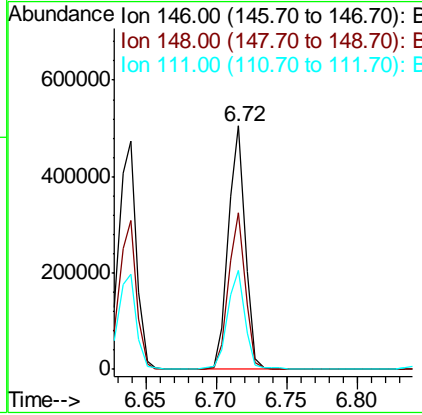
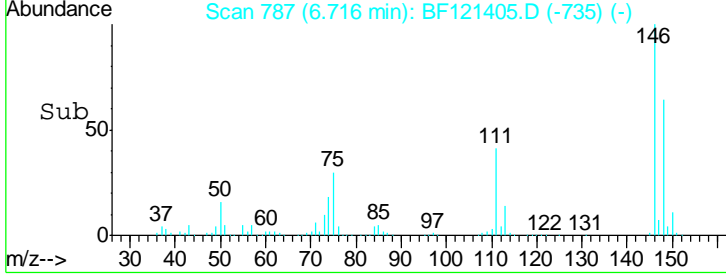
#13  
 1,4-Dichlorobenzene  
 Concen: 43.796 ng  
 RT: 6.72 min Scan# 787  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

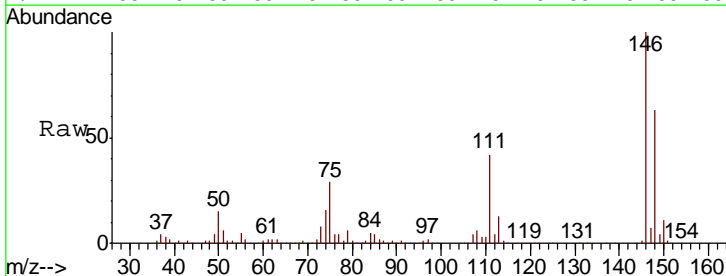


Tgt Ion	Resp	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	40.6	33.3	49.9

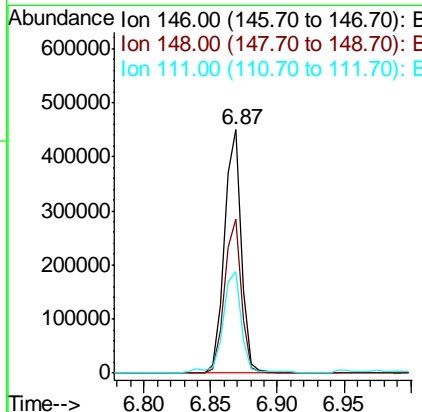
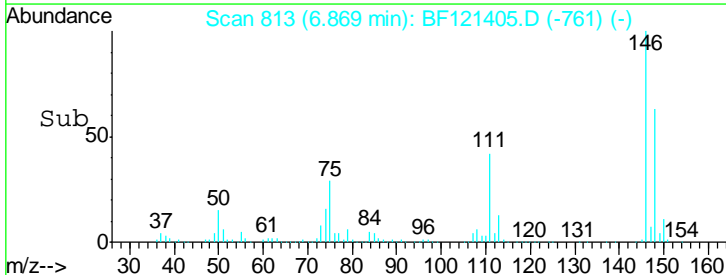
**Manual Integrations**  
**APPROVED**  
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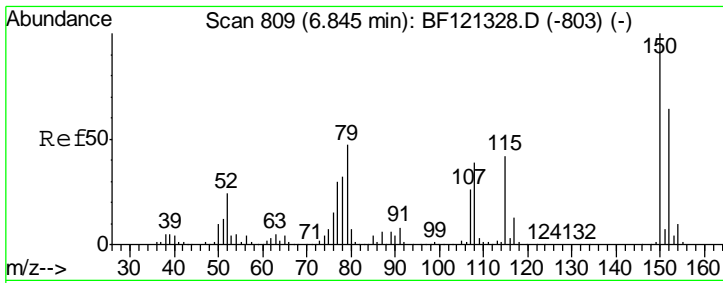


#14  
 1,2-Dichlorobenzene  
 Concen: 43.887 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion	Resp	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	41.9	35.5	53.3



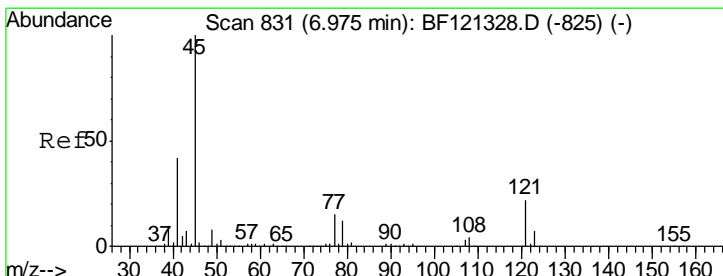
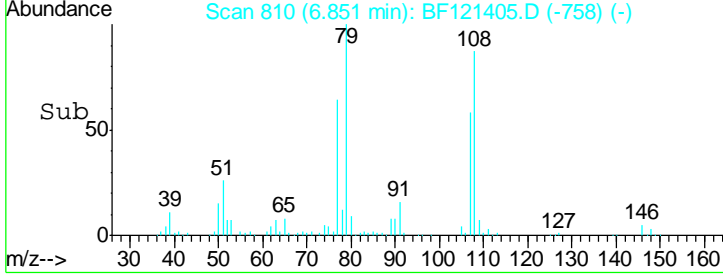
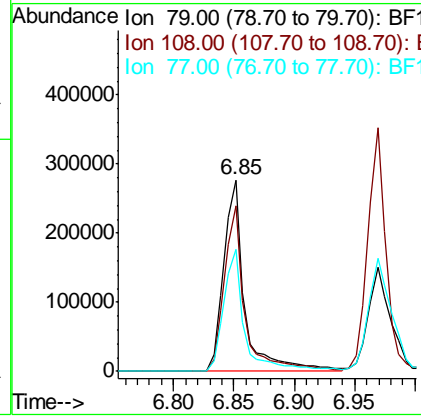
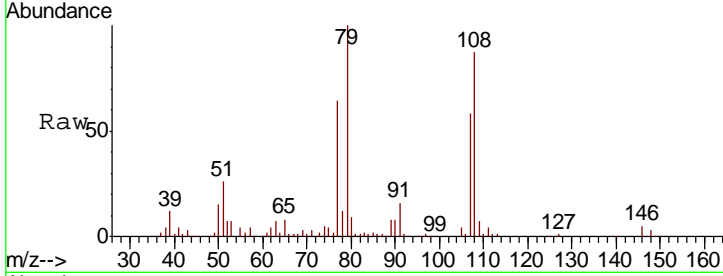


#15  
Benzyl Alcohol  
Concen: 52.886 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

**Instrument :**  
BNA\_F  
**ClientSampled :**  
DRUM-COMPMS

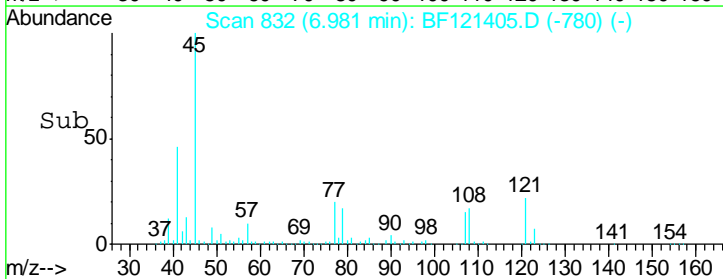
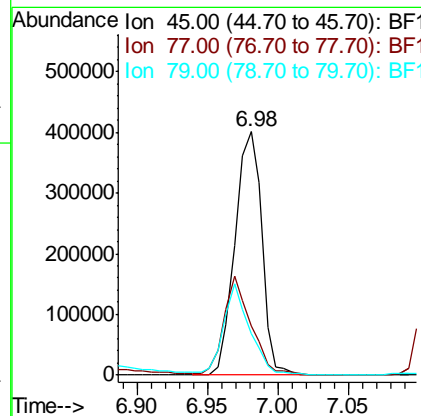
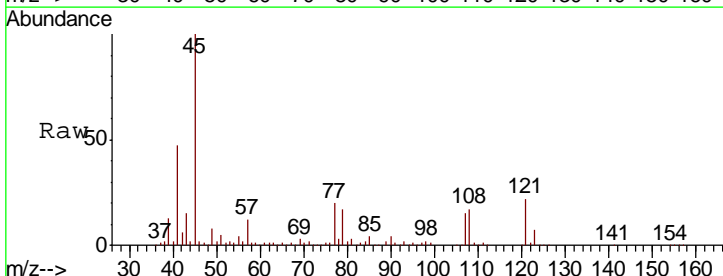
Tgt Ion	Resp	Lower	Upper
79	100		
108	86.7	65.2	97.8
77	63.5	51.4	77.0

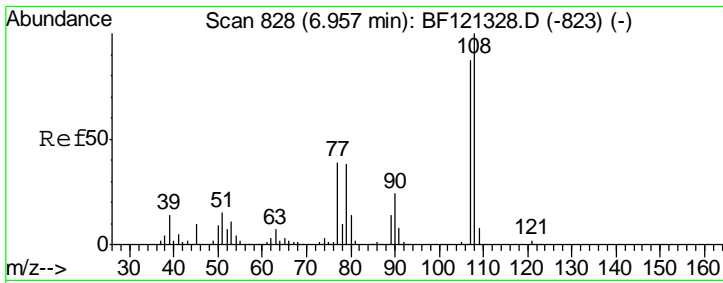
**Manual Integrations**  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.829 ng  
RT: 6.98 min Scan# 832  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
45	100		
77	20.3	0.0	35.6
79	16.9	0.0	32.5





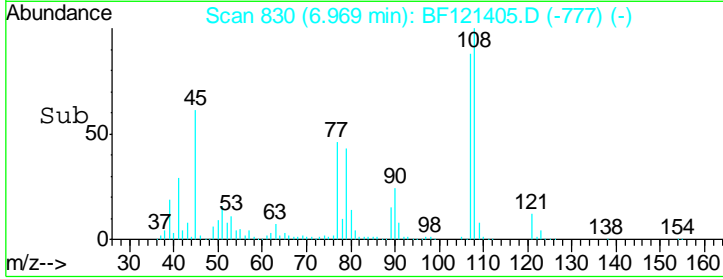
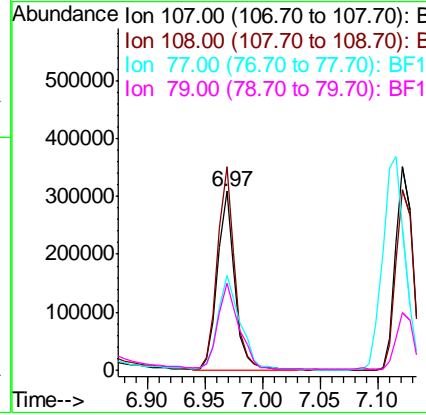
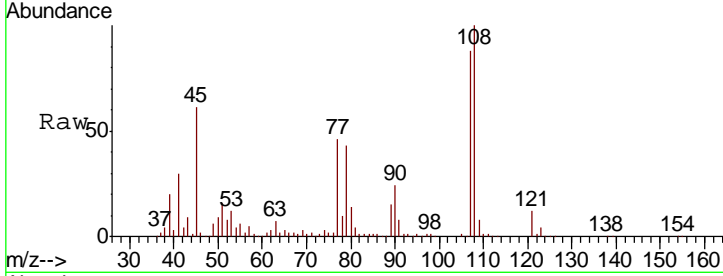
#17  
 2-Methylphenol  
 Concen: 45.926 ng  
 RT: 6.97 min Scan# 830  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
107	100		
108	114.3	92.4	138.6
77	52.9	36.1	54.1
79	49.1	35.0	52.6

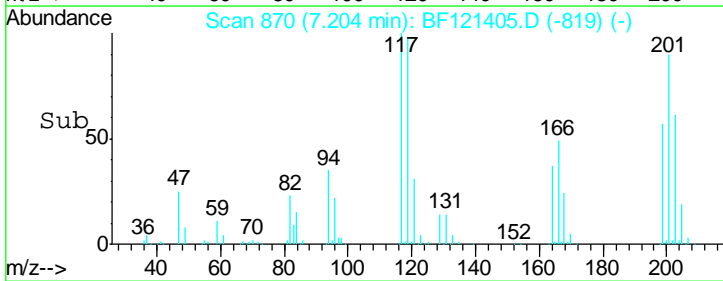
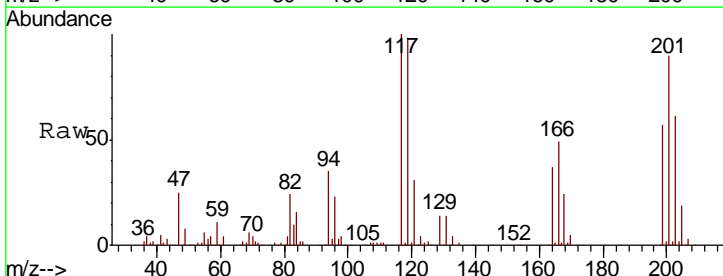
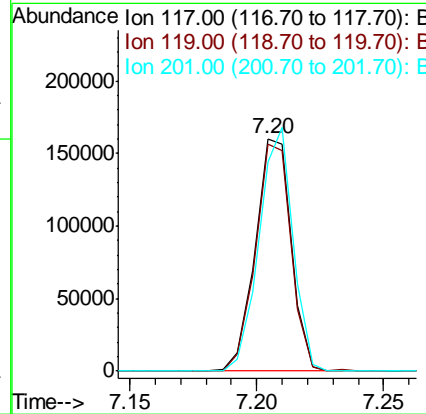
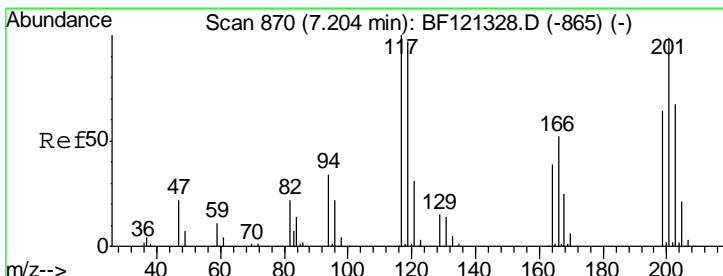
**Manual Integrations**  
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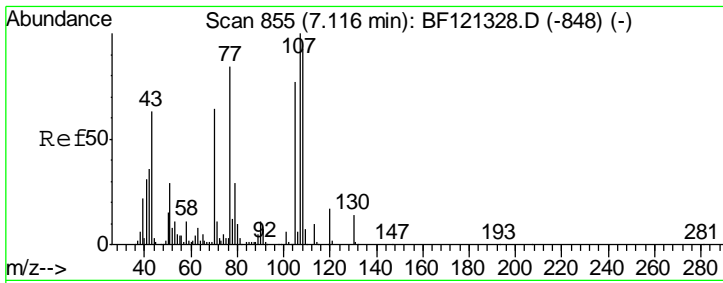
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#18  
 Hexachloroethane  
 Concen: 44.003 ng  
 RT: 7.20 min Scan# 870  
 Delta R.T. 0.00 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

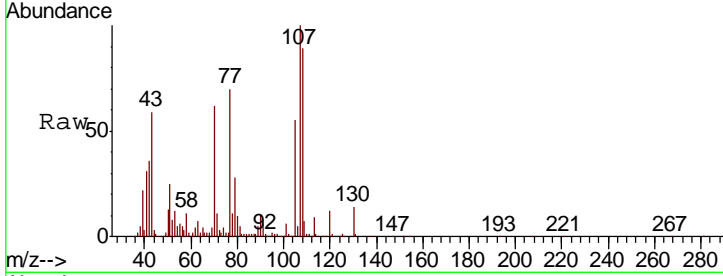
Tgt Ion	Resp	Lower	Upper
117	100		
119	97.8	77.9	116.9
201	89.7	79.4	119.0





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 45.848 ng  
 RT: 7.12 min Scan# 856  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

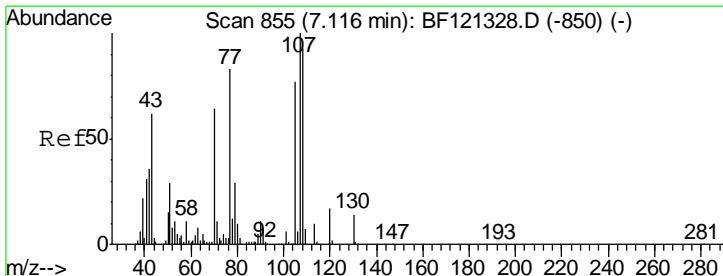
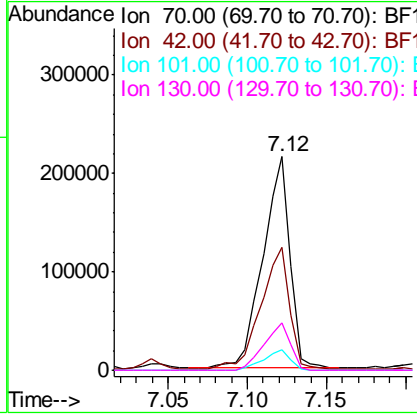
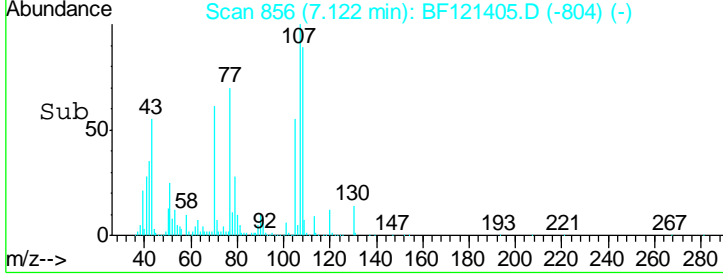
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUM-COMPMS



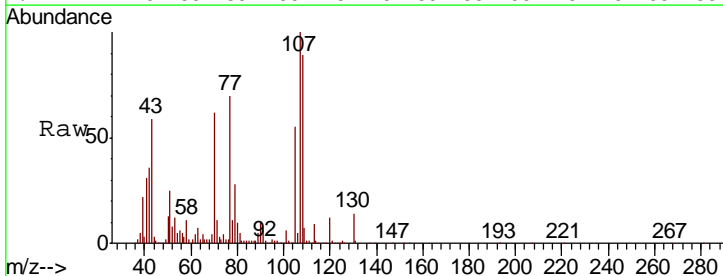
Tgt Ion: 70 Resp: 256485

Ion	Ratio	Lower	Upper
70	100		
42	57.4	45.2	67.8
101	9.8	7.7	11.5
130	22.0	17.6	26.4

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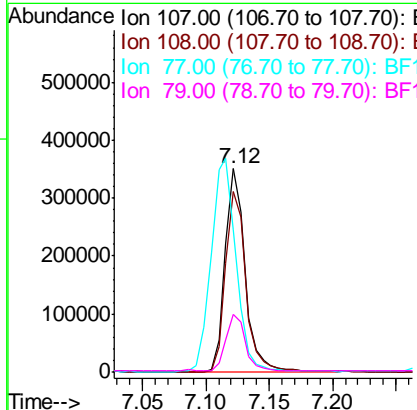
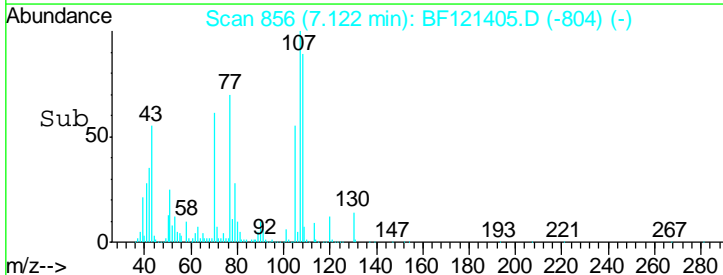


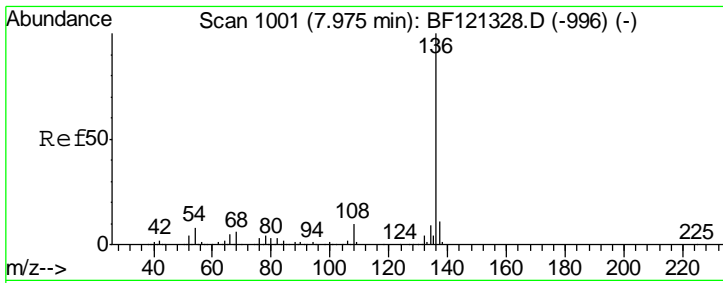
#20  
 3+4-Methylphenols  
 Concen: 57.399 ng  
 RT: 7.12 min Scan# 856  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion: 107 Resp: 384052

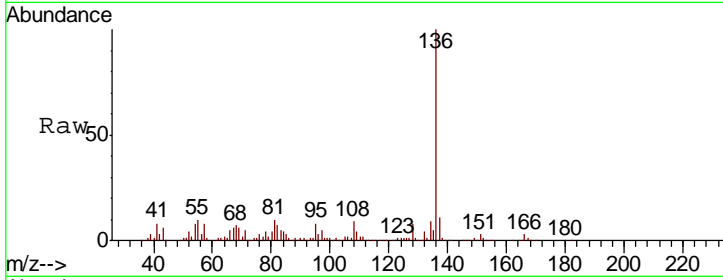
Ion	Ratio	Lower	Upper
107	100		
108	88.9	72.6	112.6
77	70.1	63.8	103.8
79	28.4	9.1	49.1





#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 7.99 min Scan# 1003  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

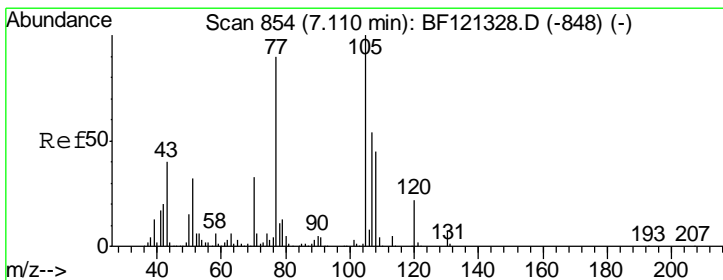
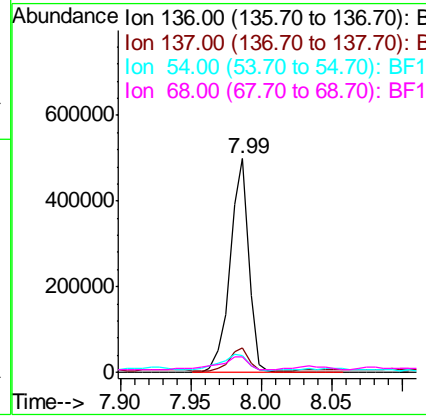
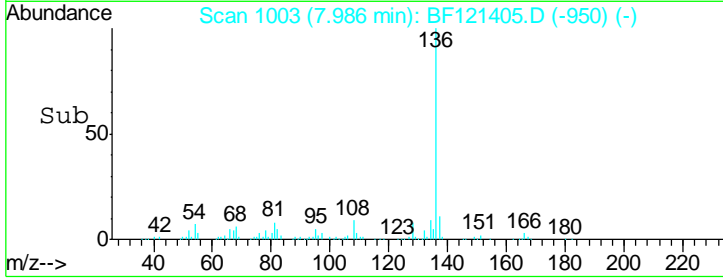


Tgt Ion:136 Resp: 453679

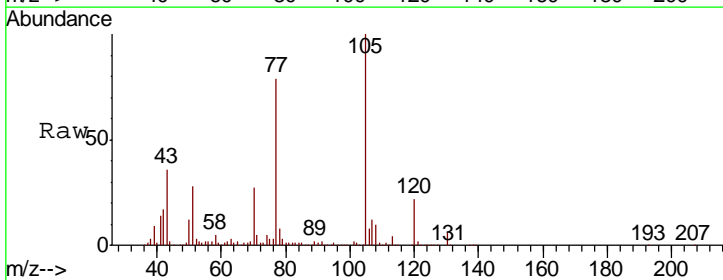
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.1	9.1
68	7.2	5.0	7.4

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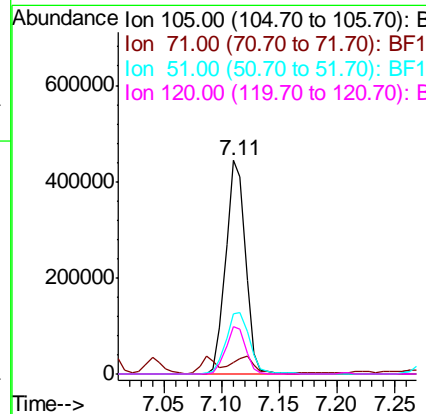
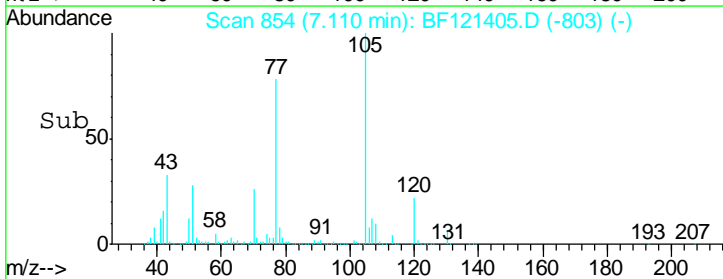


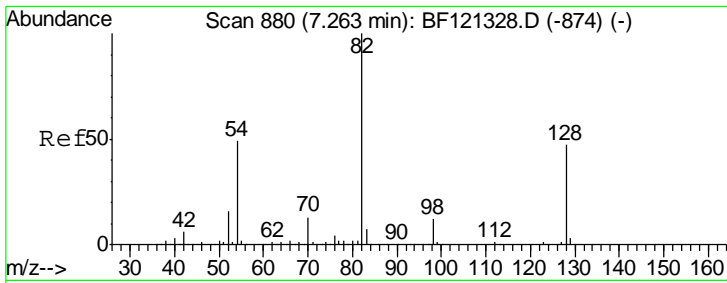
#22  
 Acetophenone  
 Concen: 49.538 ng  
 RT: 7.11 min Scan# 854  
 Delta R.T. 0.00 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion:105 Resp: 525435

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.5	6.7
51	28.0	25.4	38.0
120	22.3	17.6	26.4





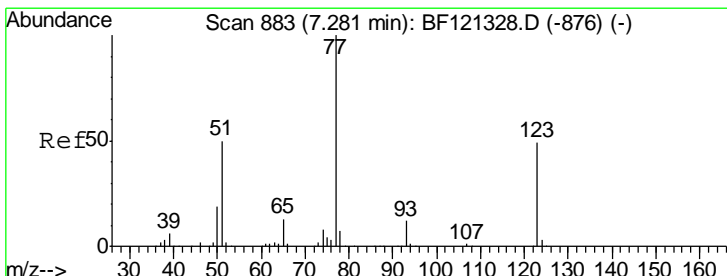
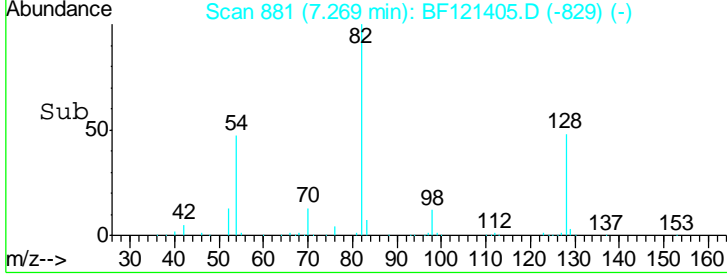
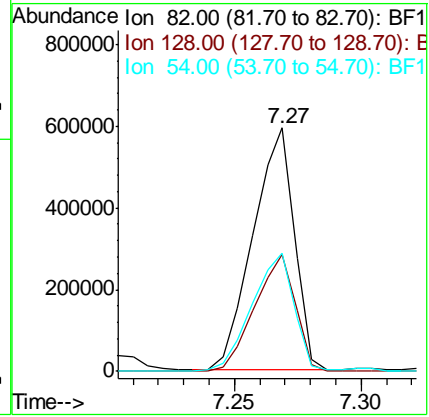
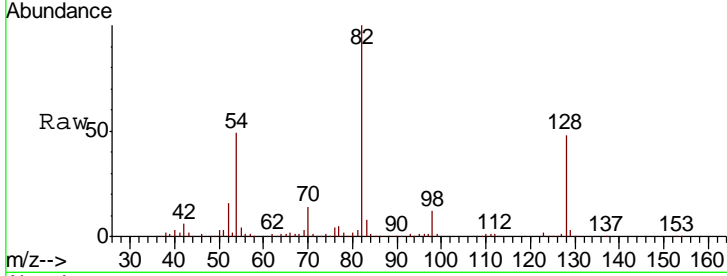
#23  
 Nitrobenzene-d5  
 Concen: 84.023 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
82	100		
128	47.8	37.9	56.9
54	48.6	39.0	58.4

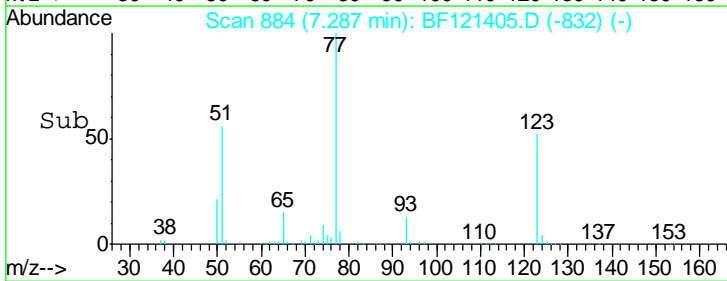
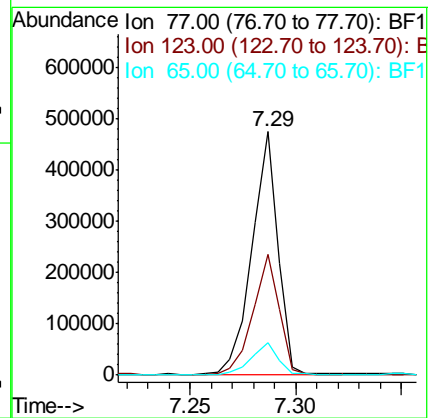
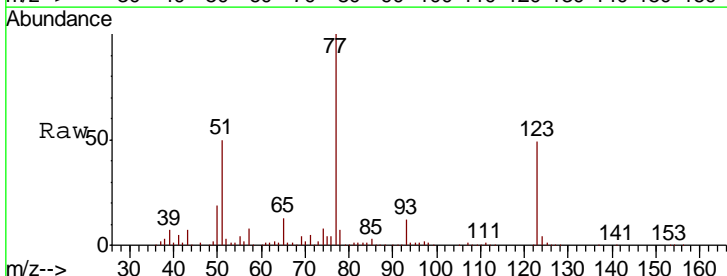
**Manual Integrations**  
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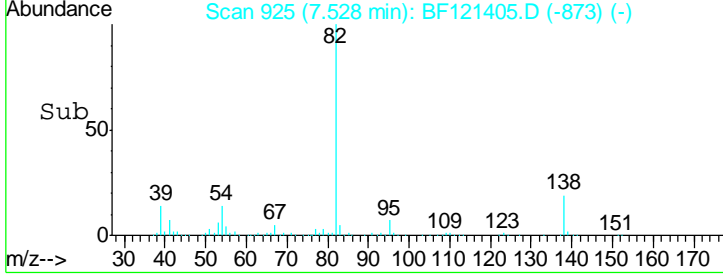
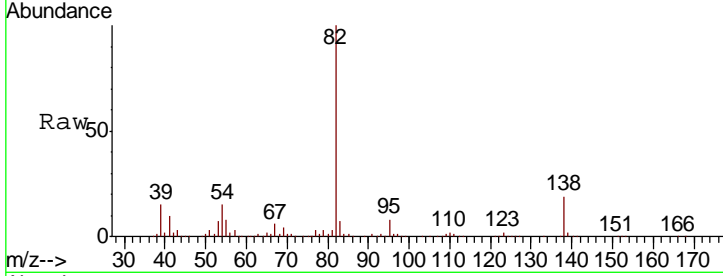
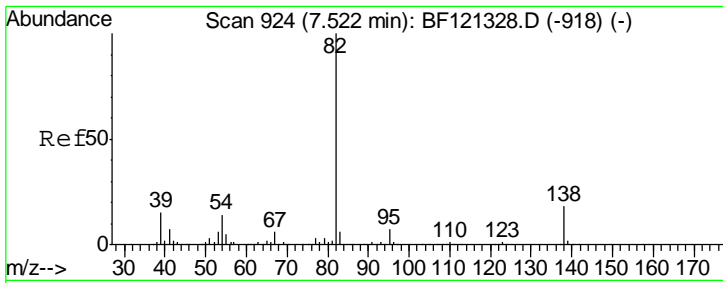


#24  
 Nitrobenzene  
 Concen: 49.460 ng  
 RT: 7.29 min Scan# 884  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
77	100		
123	49.4	39.2	58.8
65	13.3	10.6	15.8





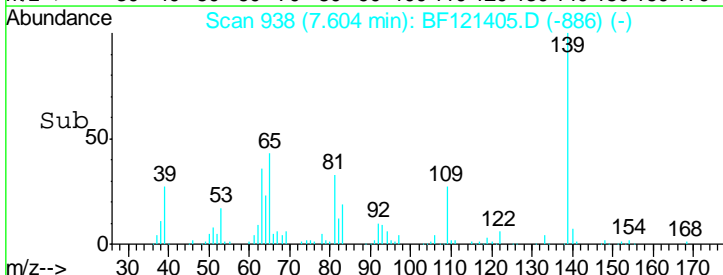
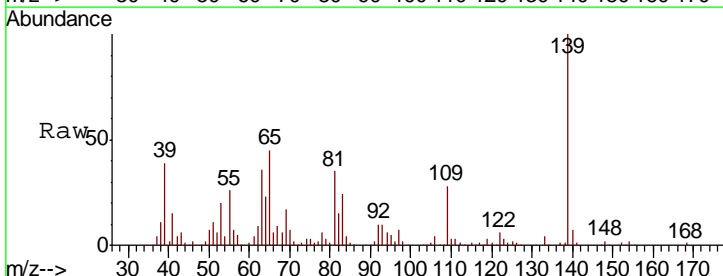
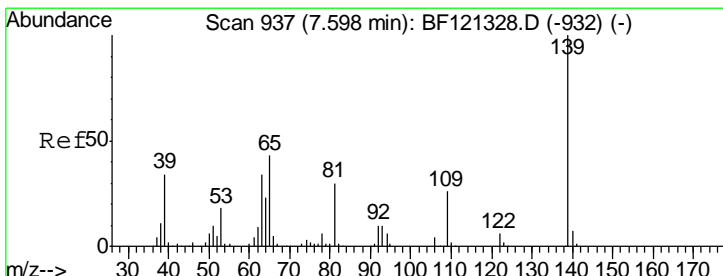
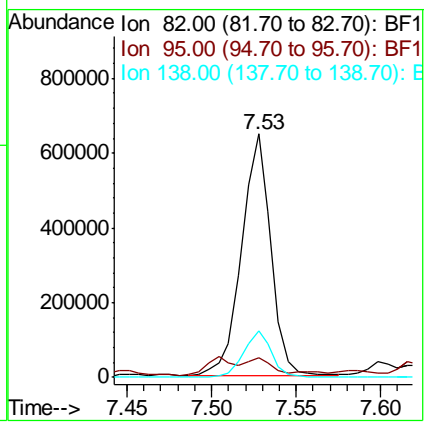


#25  
 Isophorone  
 Concen: 53.475 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
82	780645		
95	7.9	5.3	7.9
138	19.0	14.6	21.8

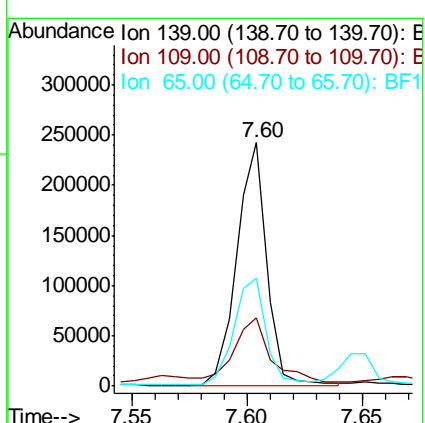
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

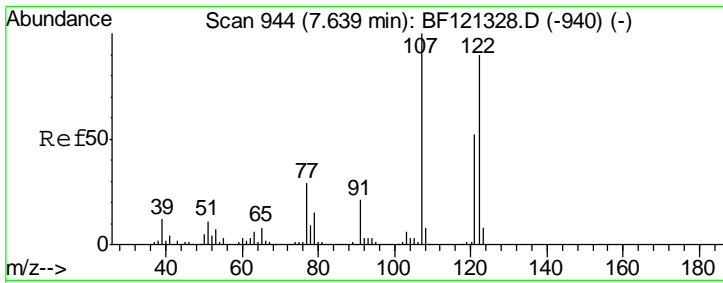
**Manual Integrations**  
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#26  
 2-Nitrophenol  
 Concen: 51.975 ng  
 RT: 7.60 min Scan# 938  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
139	217936		
109	28.2	21.1	31.7
65	44.5	34.5	51.7





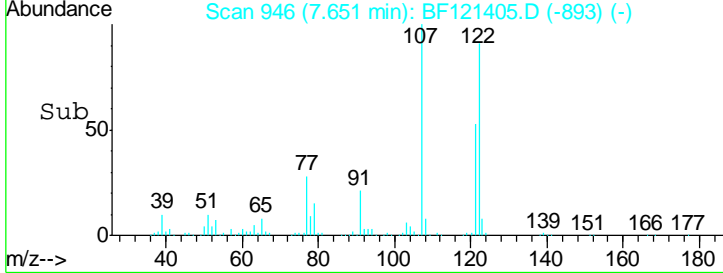
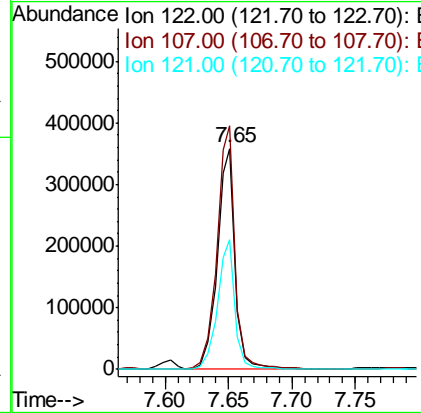
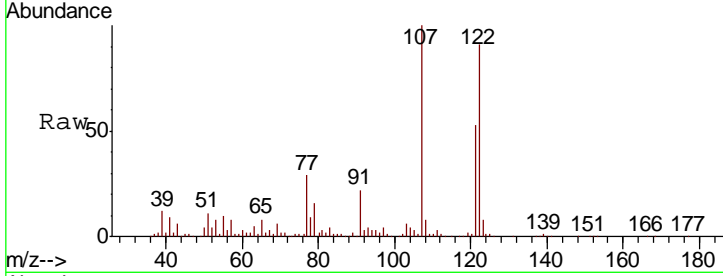
#27  
 2,4-Dimethylphenol  
 Concen: 58.783 ng  
 RT: 7.65 min Scan# 946  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
122	351706		
122	100		
107	110.2	89.0	133.4
121	58.5	46.4	69.6

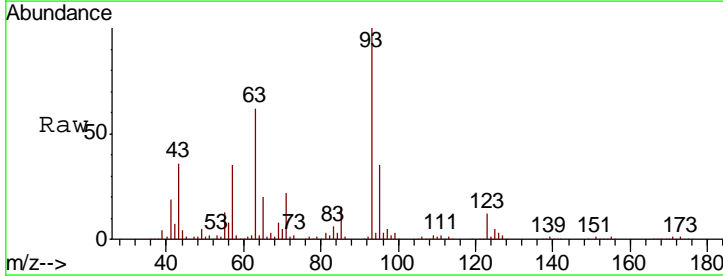
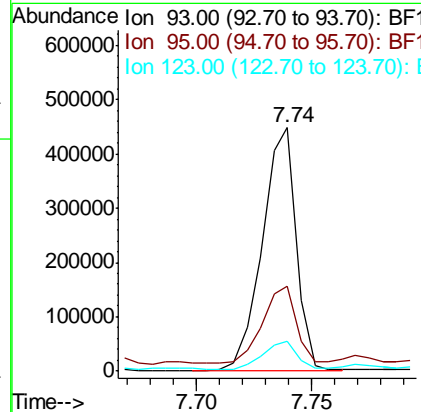
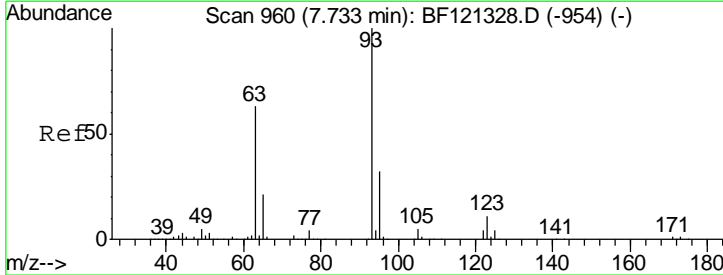
**Manual Integrations**  
**APPROVED**

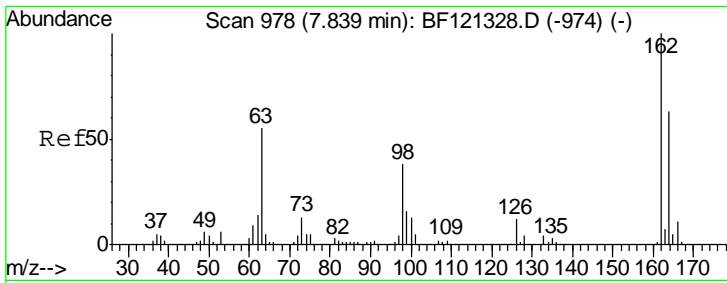
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.070 ng  
 RT: 7.74 min Scan# 961  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
93	457820		
93	100		
95	35.1	25.8	38.8
123	12.2	9.0	13.6





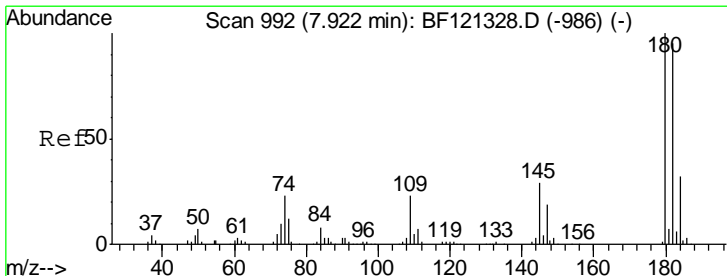
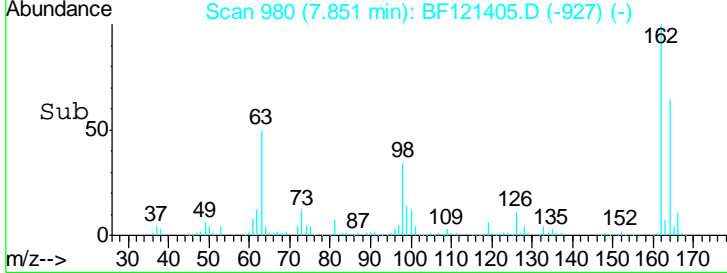
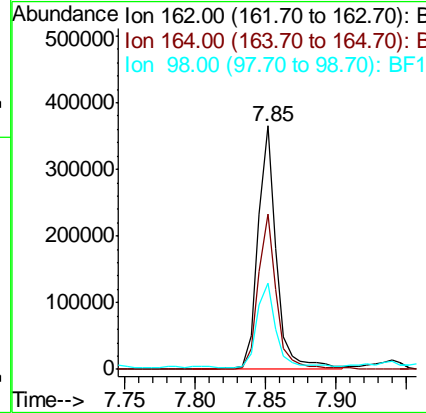
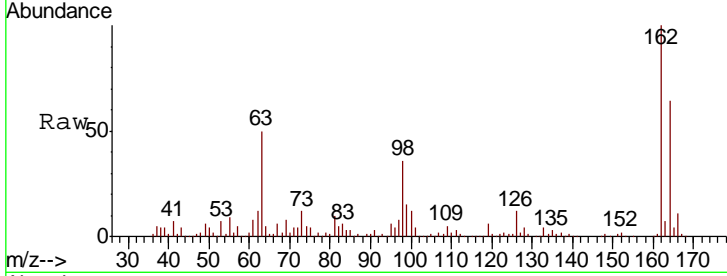
#29  
 2,4-Dichlorophenol  
 Concen: 51.947 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
162	100		
164	63.5	43.4	83.4
98	35.6	18.1	58.1

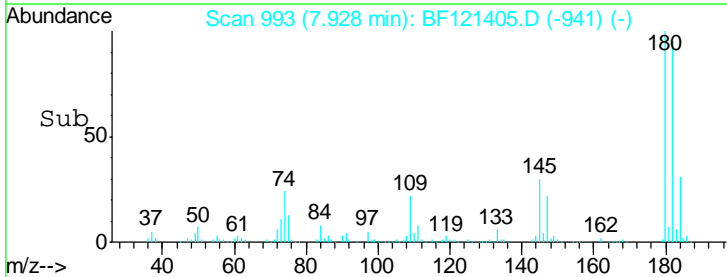
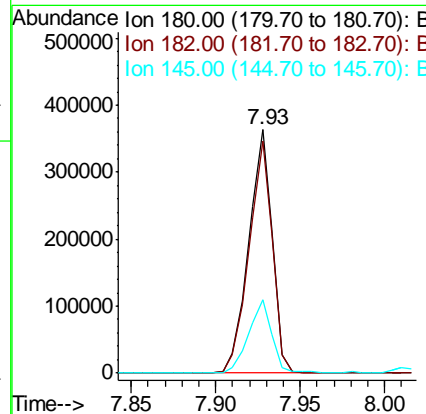
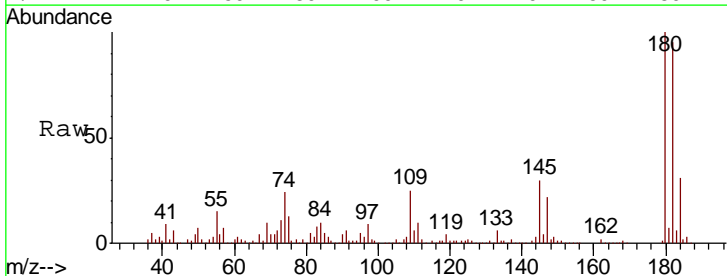
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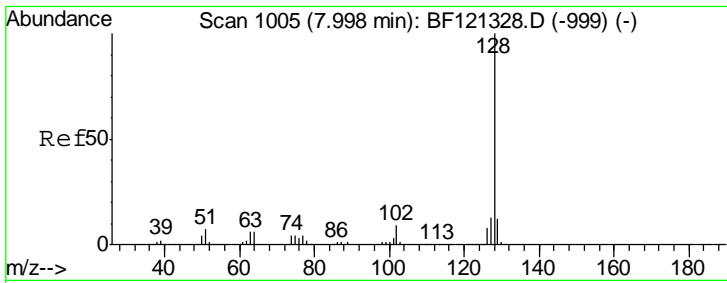
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.344 ng  
 RT: 7.93 min Scan# 993  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.2	75.9	113.9
145	30.0	23.2	34.8





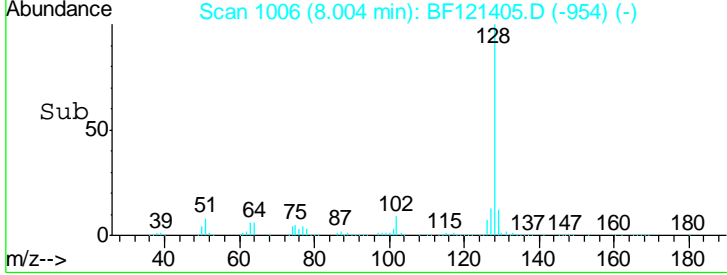
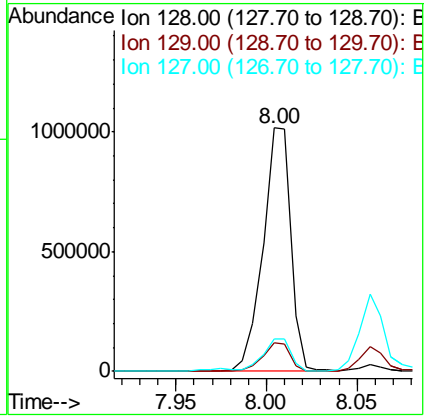
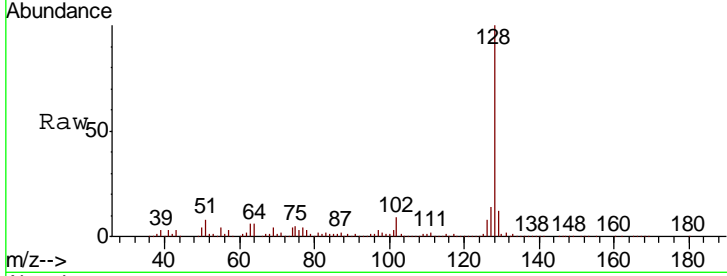
#31  
 Naphthalene  
 Concen: 48.097 ng  
 RT: 8.00 min Scan# 1006  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion:128 Resp: 1086004

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.5	10.6	16.0

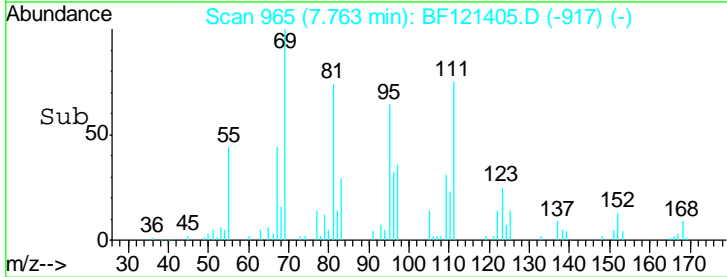
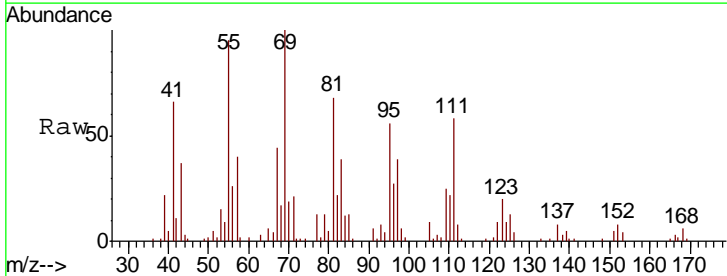
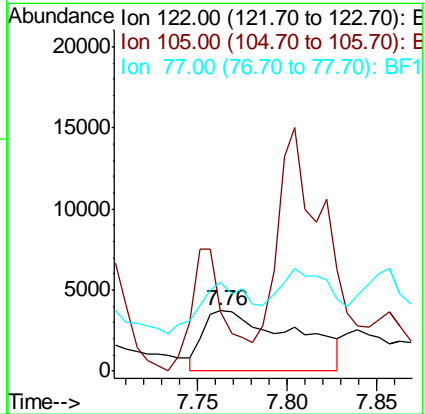
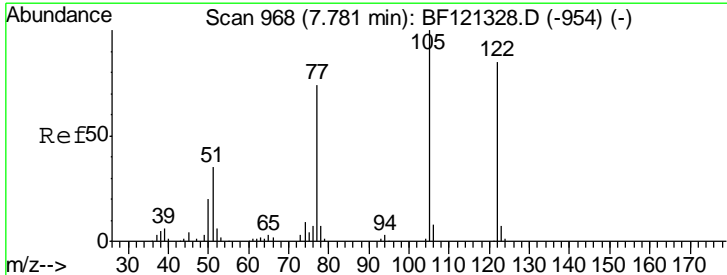
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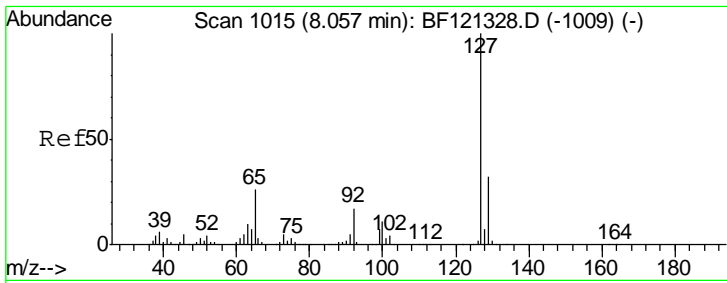


#32  
 Benzoic acid  
 Concen: 9.472 ng m  
 RT: 7.76 min Scan# 965  
 Delta R.T. -0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion:122 Resp: 13200

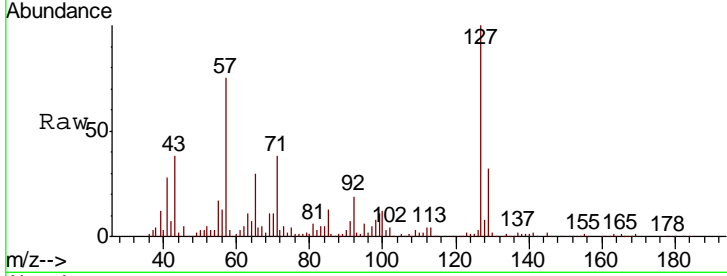
Ion	Ratio	Lower	Upper
122	100		
105	98.8	96.7	136.7
77	148.8	66.7	106.7#





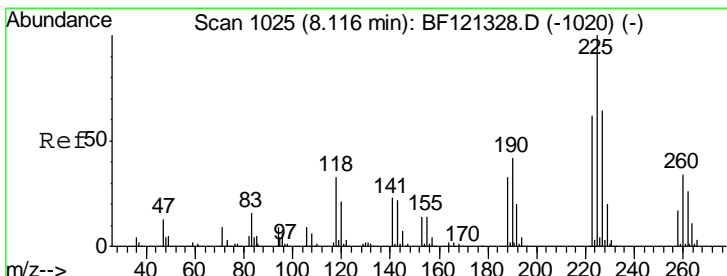
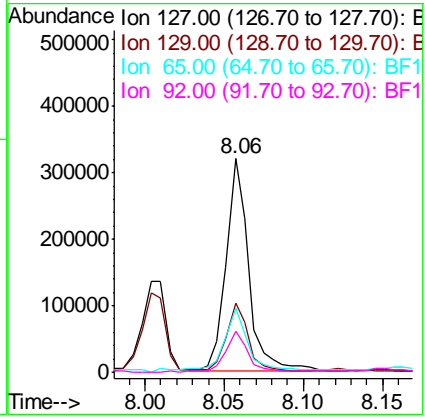
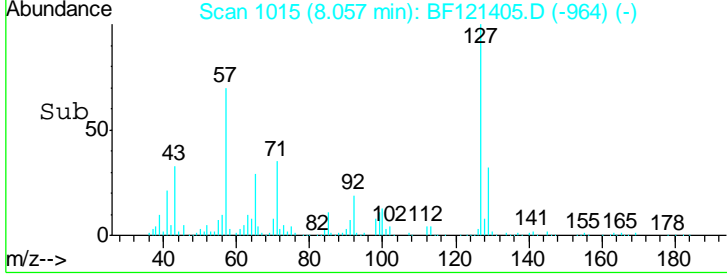
#33  
 4-Chloroaniline  
 Concen: 31.846 ng  
 RT: 8.06 min Scan# 1015  
 Delta R.T. 0.00 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

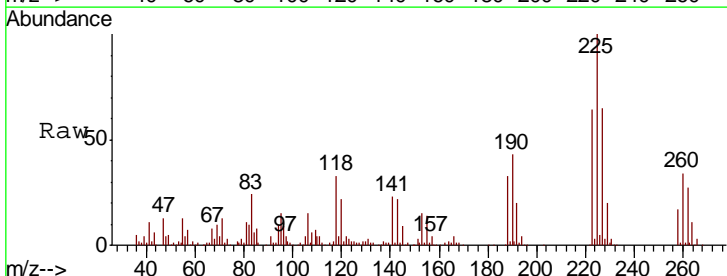


Tgt Ion	Resp	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	29.9	20.9	31.3
92	19.2	13.8	20.8

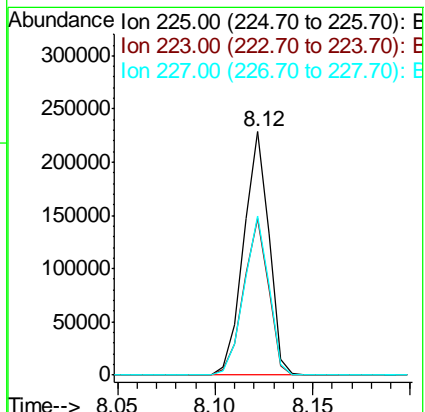
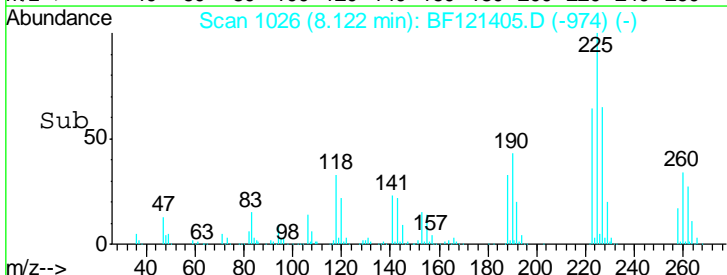
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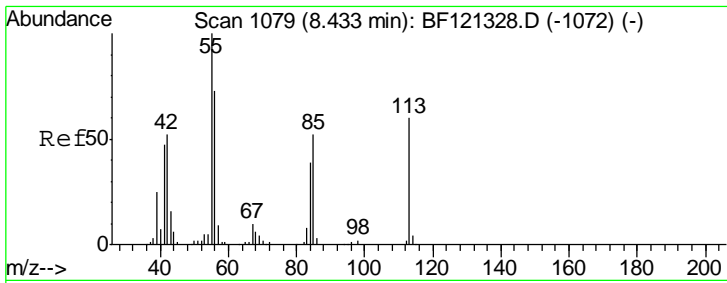


#34  
 Hexachlorobutadiene  
 Concen: 46.278 ng  
 RT: 8.12 min Scan# 1026  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion	Resp	Lower	Upper
225	100		
223	64.2	49.7	74.5
227	65.2	50.9	76.3





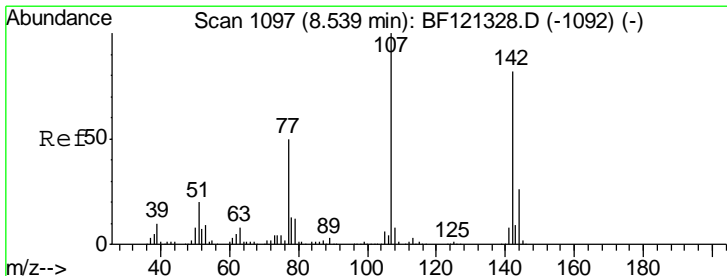
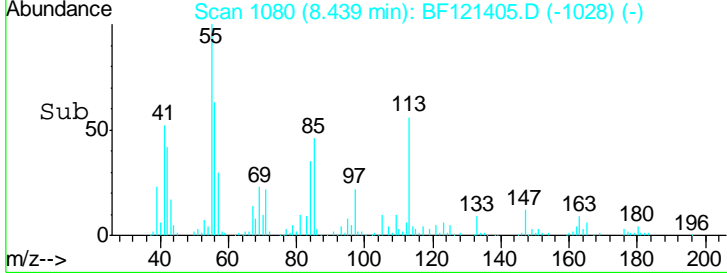
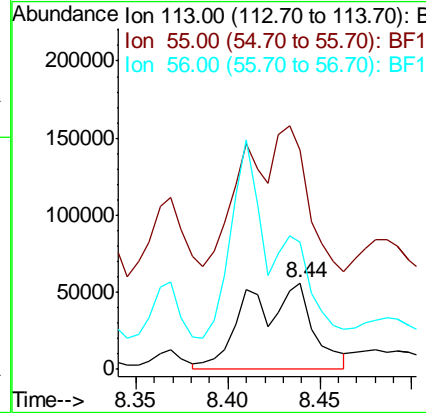
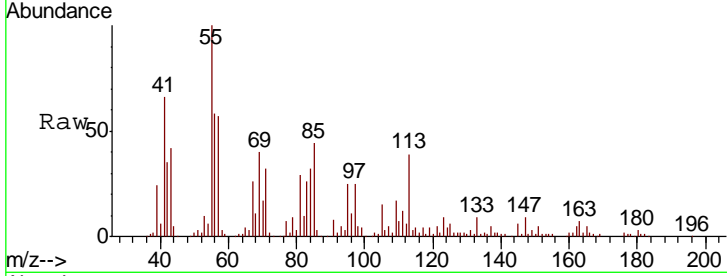
#35  
 Caprolactam  
 Concen: 63.913 ng/ml  
 RT: 8.44 min Scan# 1080  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
113	100		
55	254.3	147.9	187.9#
56	148.0	102.4	142.4#

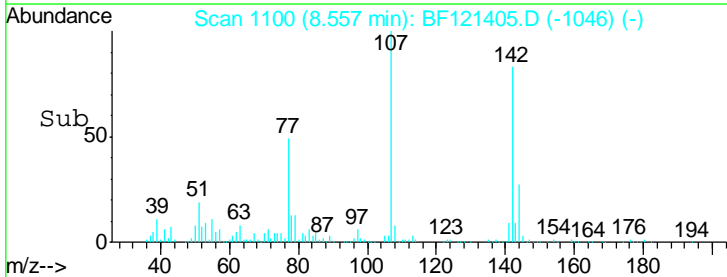
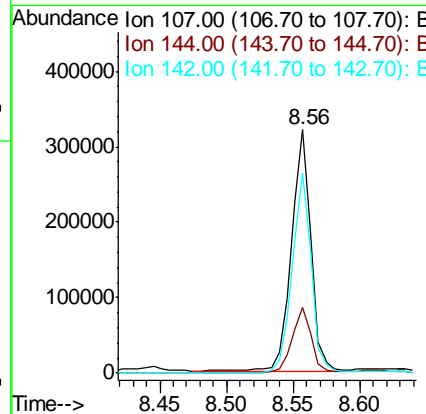
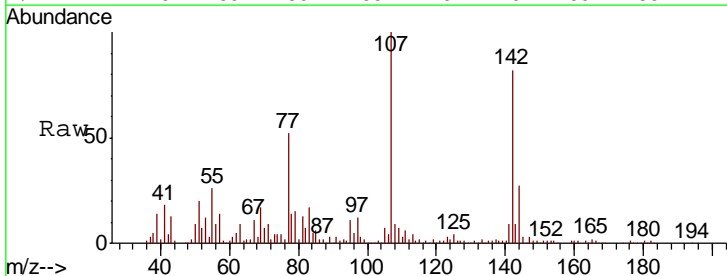
**Manual Integrations**  
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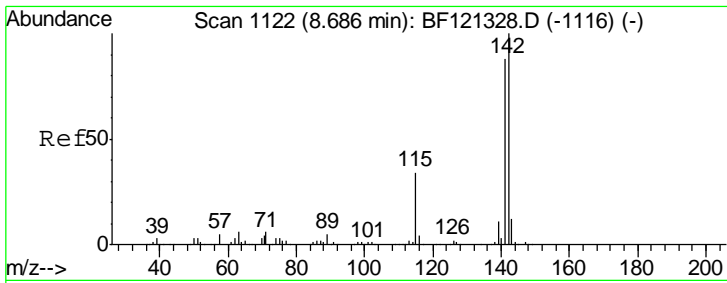
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#36  
 4-Chloro-3-methylphenol  
 Concen: 49.401 ng/ml  
 RT: 8.56 min Scan# 1100  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
107	100		
144	26.8	21.1	31.7
142	82.1	65.6	98.4





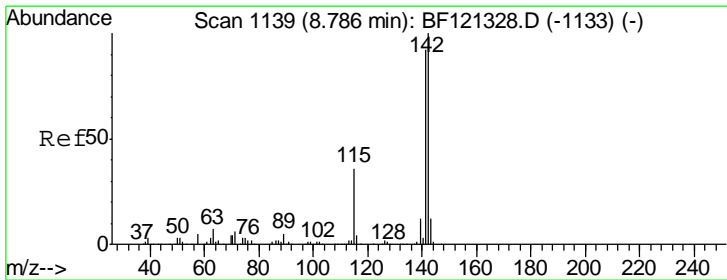
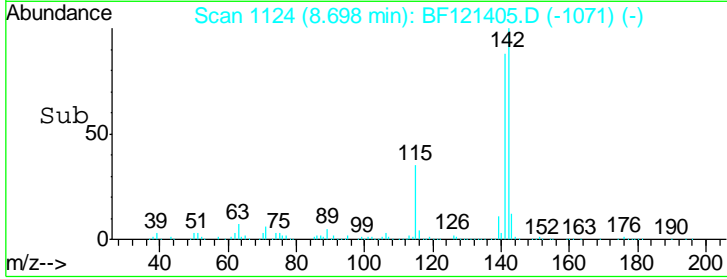
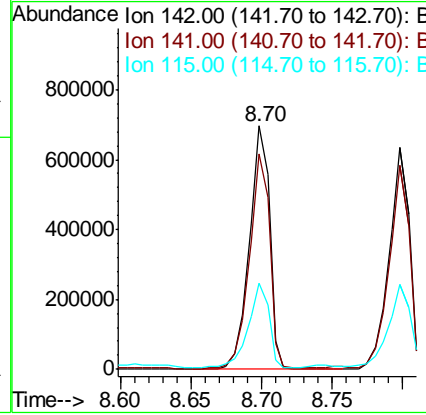
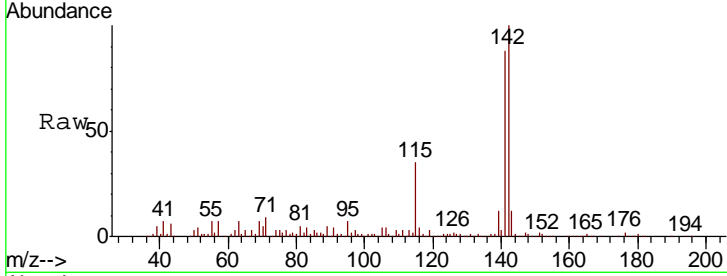
#37  
 2-Methylnaphthalene  
 Concen: 47.701 ng  
 RT: 8.70 min Scan# 1124  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	35.2	26.9	40.3

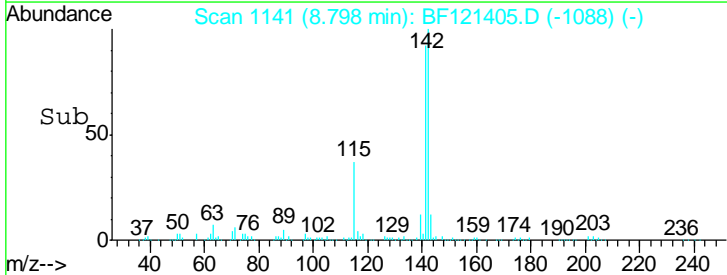
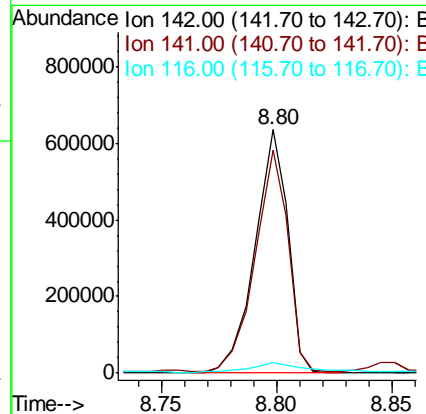
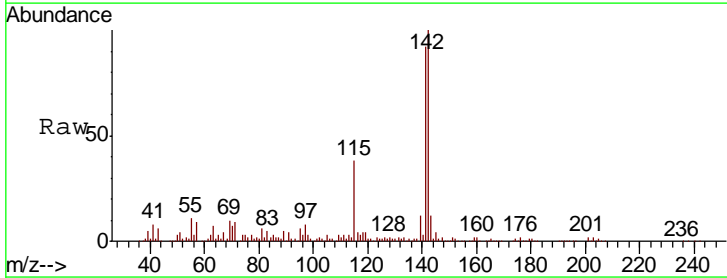
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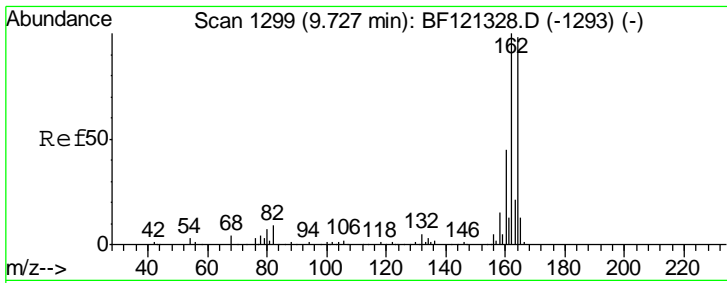


#38  
 1-Methylnaphthalene  
 Concen: 45.671 ng m  
 RT: 8.80 min Scan# 1141  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
142	100		
141	91.7	73.6	110.4
116	4.4	3.0	4.4#

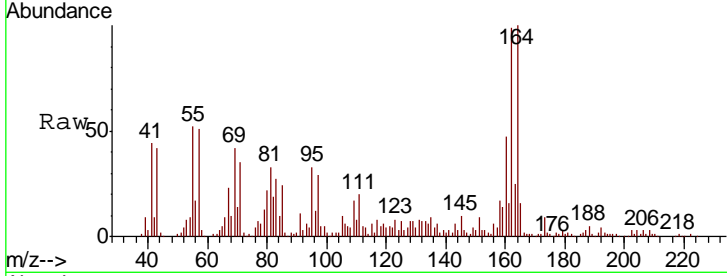






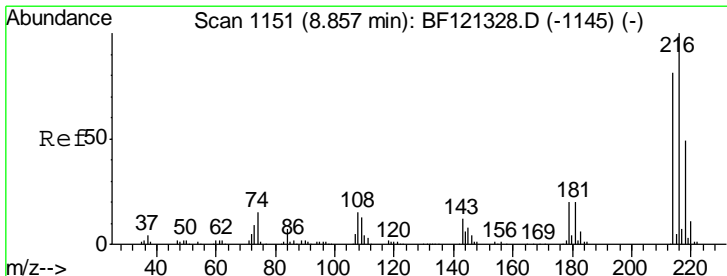
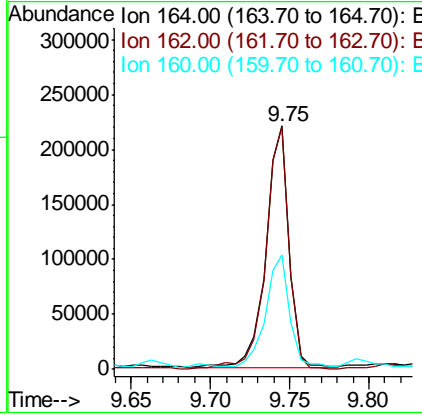
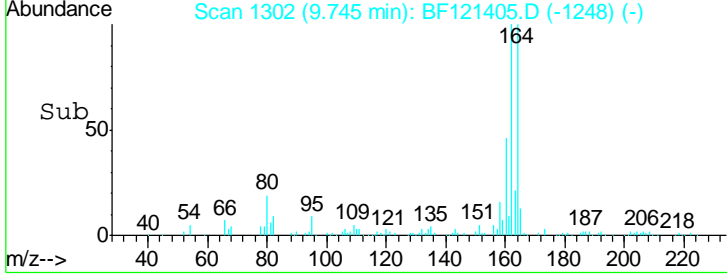
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.75 min Scan# 1302  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

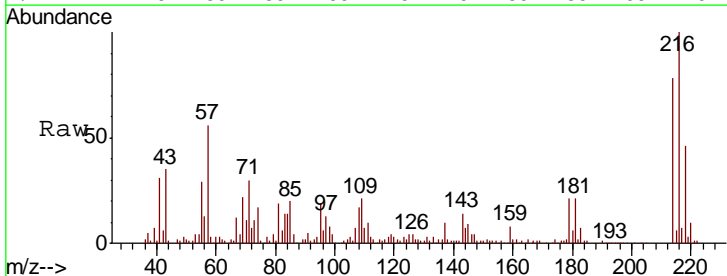


Tgt Ion	Resp	Lower	Upper
164	100		
162	99.5	81.7	122.5
160	46.7	37.0	55.4

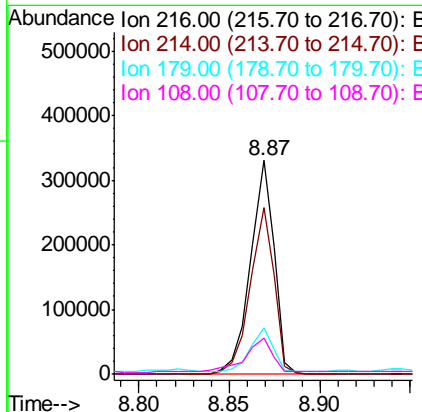
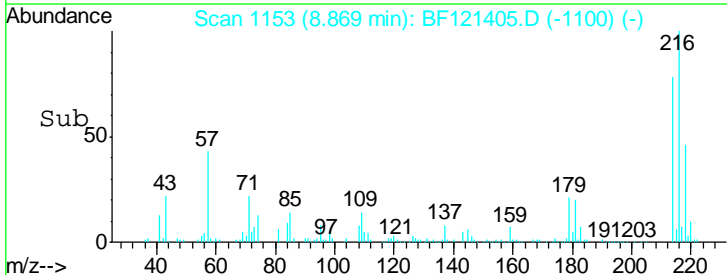
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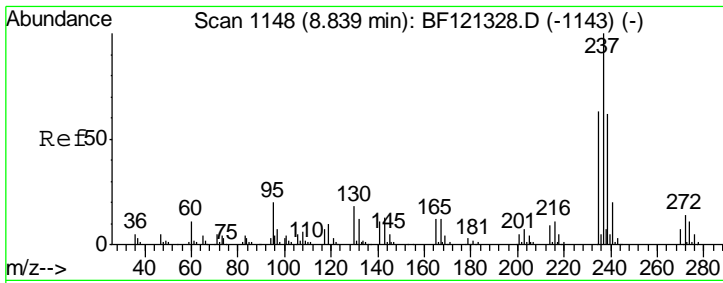


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.758 ng  
 RT: 8.87 min Scan# 1153  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion	Resp	Lower	Upper
216	100		
214	78.8	64.2	96.2
179	20.8	16.4	24.6
108	18.4	14.2	21.4





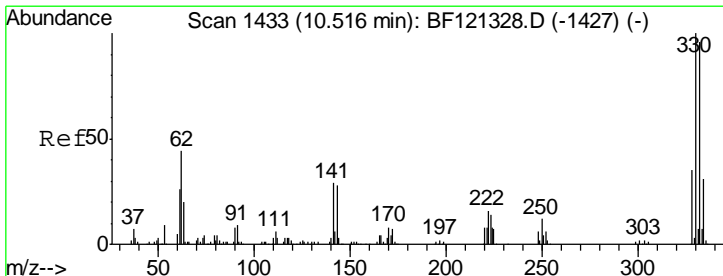
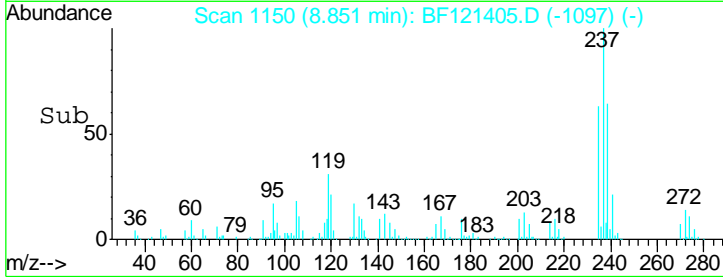
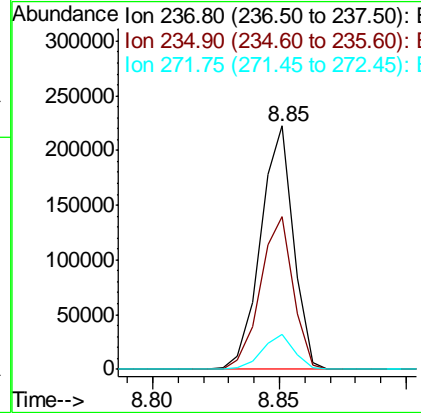
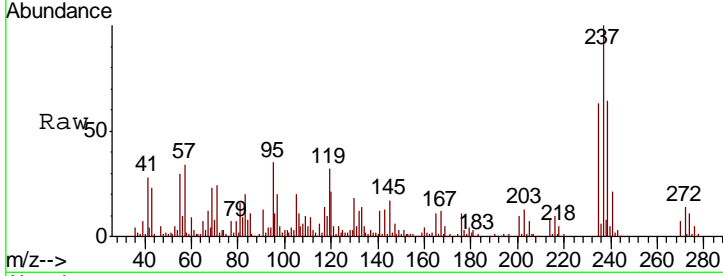
#41  
 Hexachlorocyclopentadiene  
 Concen: 75.530 ng  
 RT: 8.85 min Scan# 1150  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
237	100		
235	62.8	42.7	82.7
272	14.2	0.0	33.7

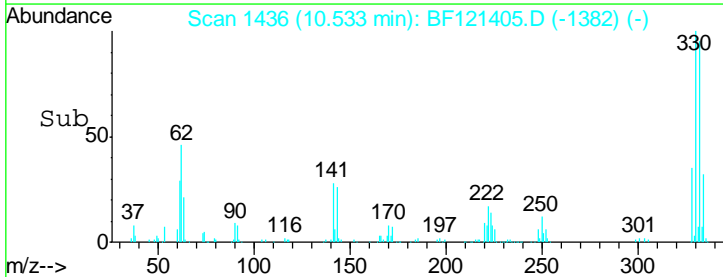
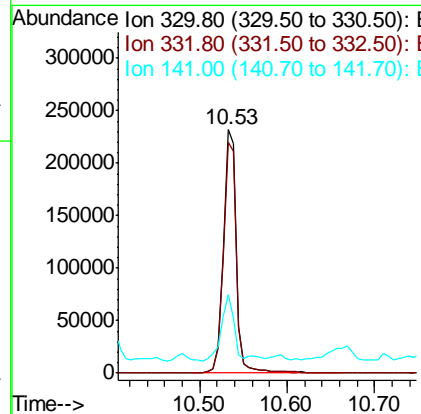
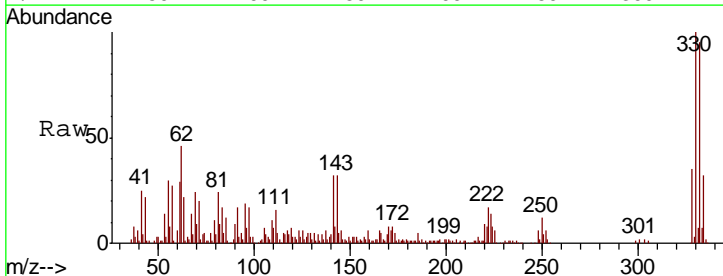
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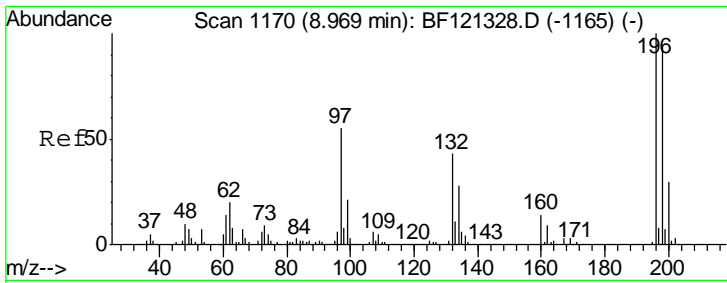
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#42  
 2,4,6-Tribromophenol  
 Concen: 90.775 ng  
 RT: 10.53 min Scan# 1436  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

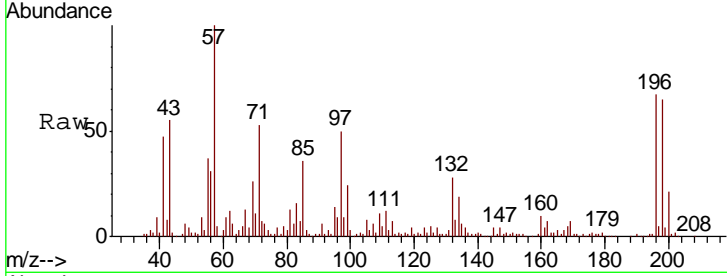
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	25.8	22.8	34.2





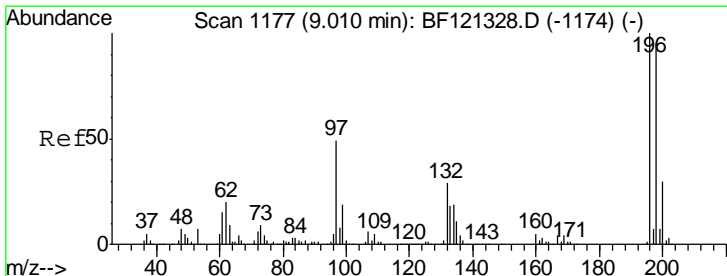
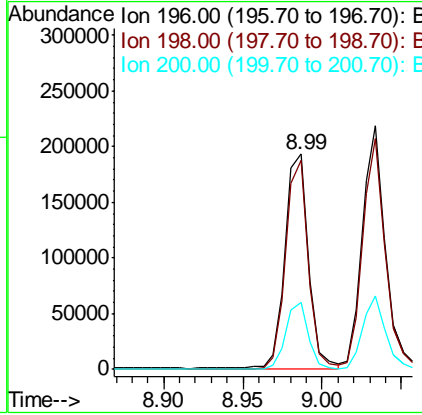
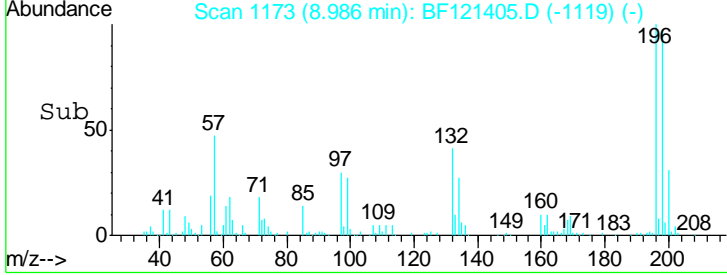
#43  
 2,4,6-Trichlorophenol  
 Concen: 43.015 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 DRUM-COMPMS

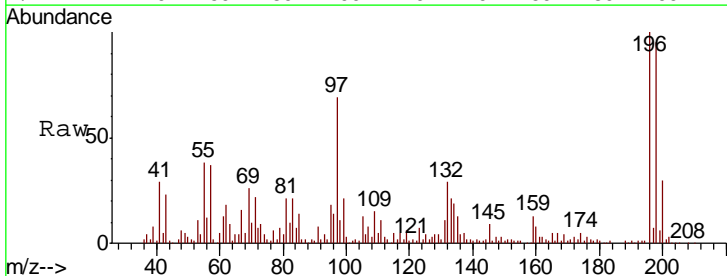


Tgt Ion	Resp	Lower	Upper
196	196772		
196	100		
198	97.4	75.6	113.4
200	31.3	24.2	36.2

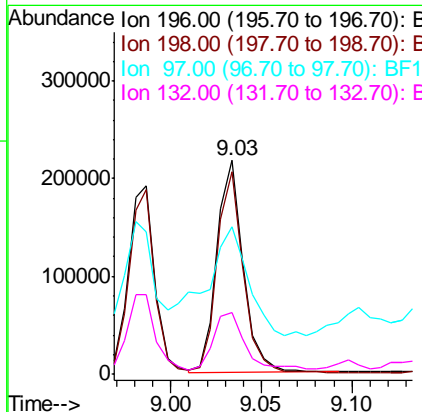
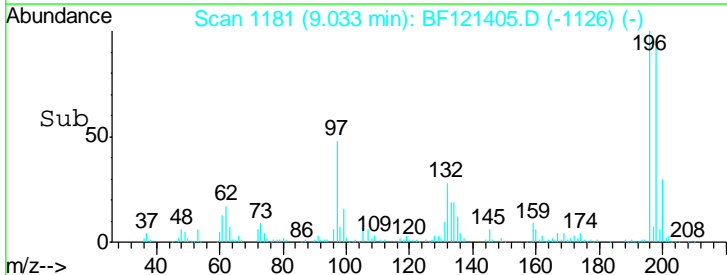
**Manual Integrations**  
**APPROVED**  
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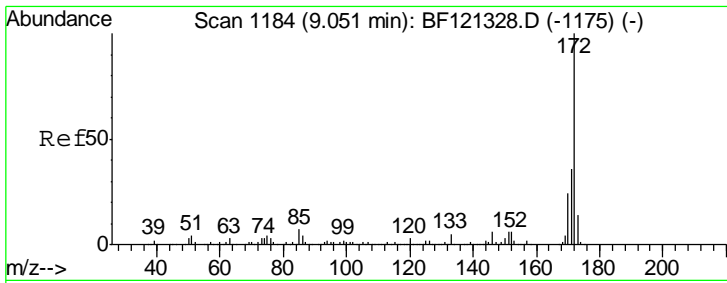


#44  
 2,4,5-Trichlorophenol  
 Concen: 46.408 ng  
 RT: 9.03 min Scan# 1181  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion	Resp	Lower	Upper
196	218410		
196	100		
198	94.8	75.6	113.4
97	68.7	39.6	59.4#
132	28.6	23.3	34.9





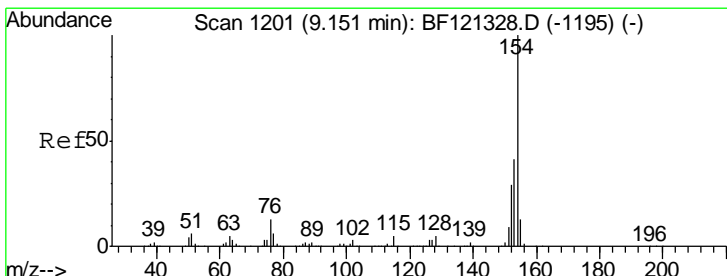
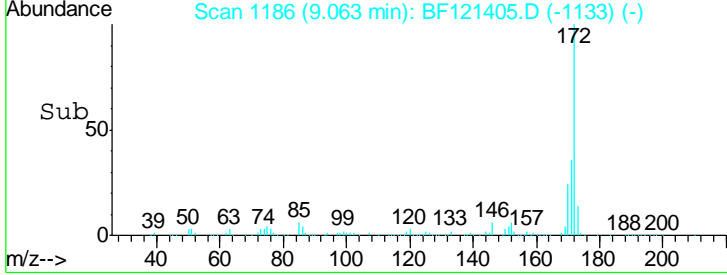
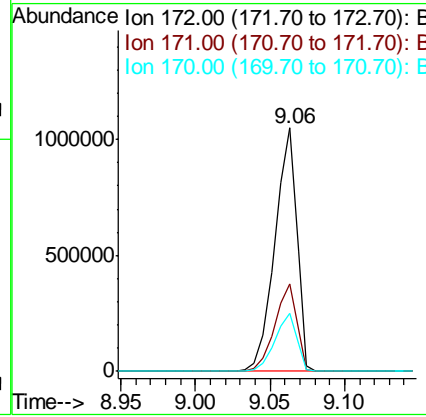
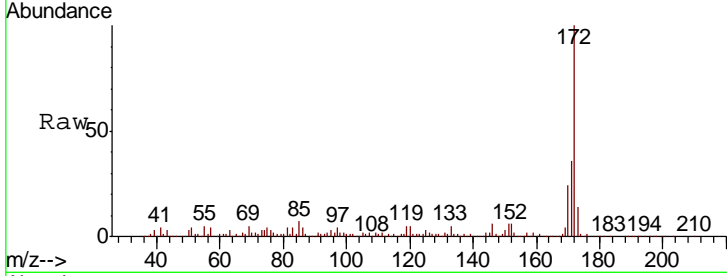
#45  
 2-Fluorobiphenyl  
 Concen: 92.636 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.8	19.4	29.2

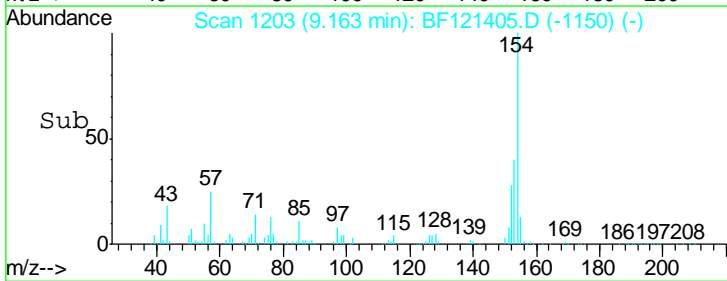
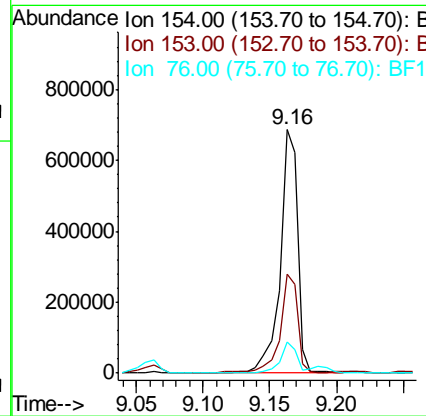
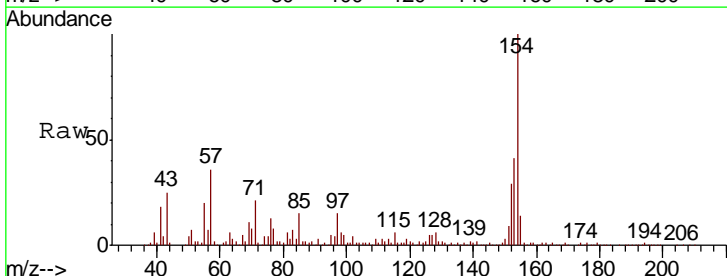
**Manual Integrations**  
**APPROVED**

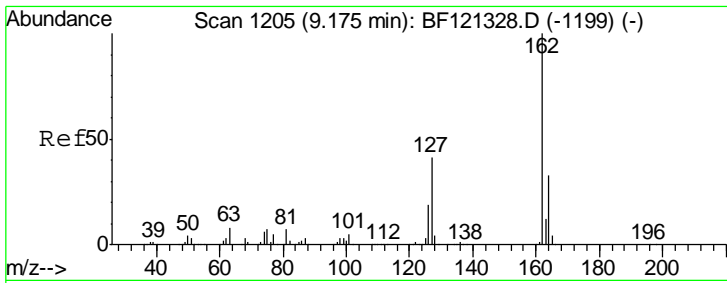
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#46  
 1,1'-Biphenyl  
 Concen: 36.836 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	13.0	0.0	33.1





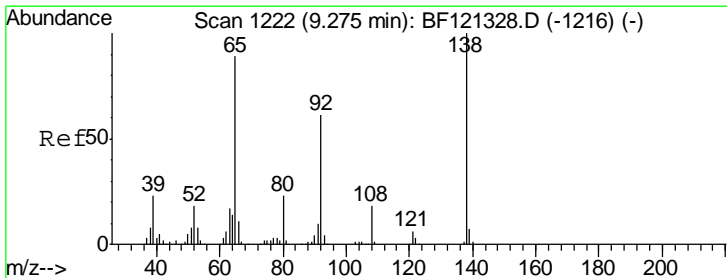
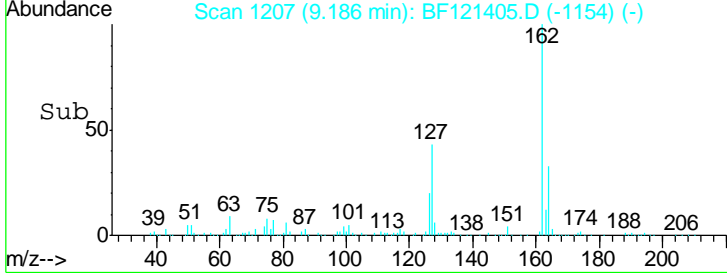
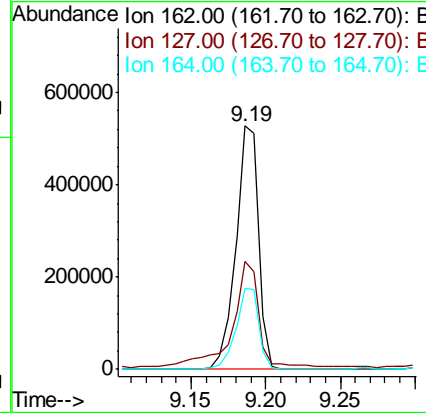
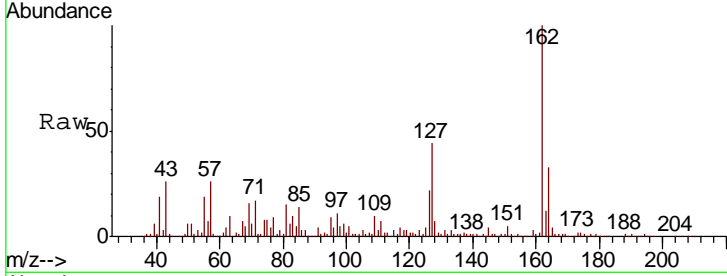
#47  
 2-Chloronaphthalene  
 Concen: 40.328 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
162	100		
127	44.2	33.1	49.7
164	33.0	26.5	39.7

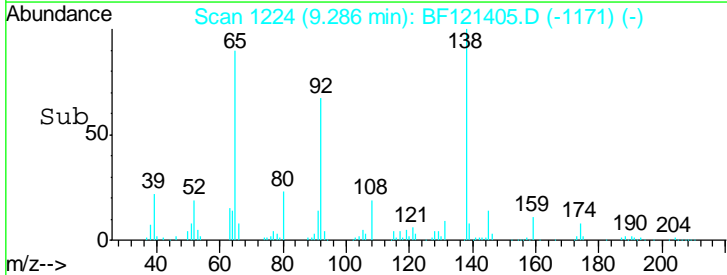
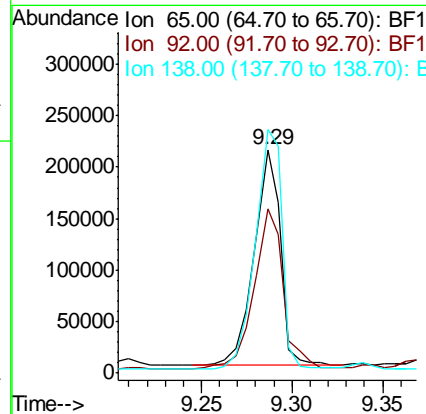
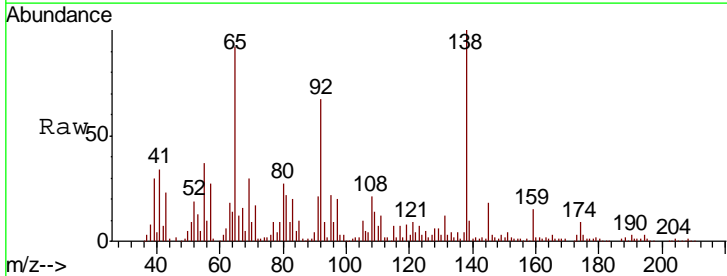
**Manual Integrations**  
**APPROVED**

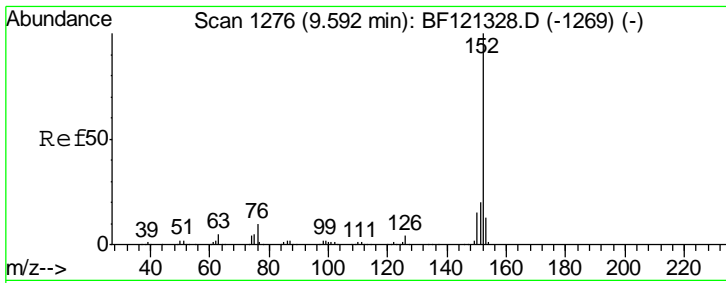
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#48  
 2-Nitroaniline  
 Concen: 48.240 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
65	100		
92	73.3	54.9	82.3
138	109.0	89.5	134.3





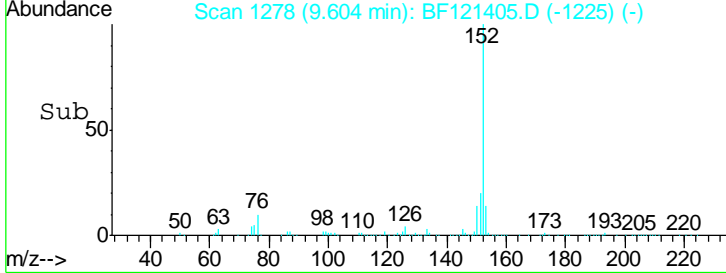
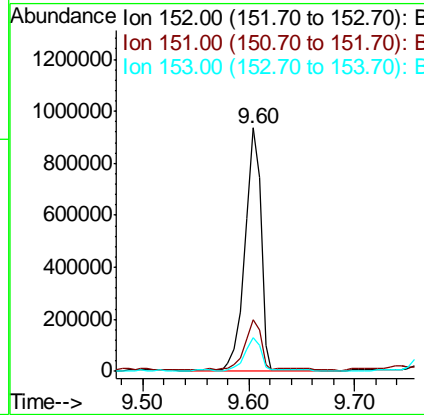
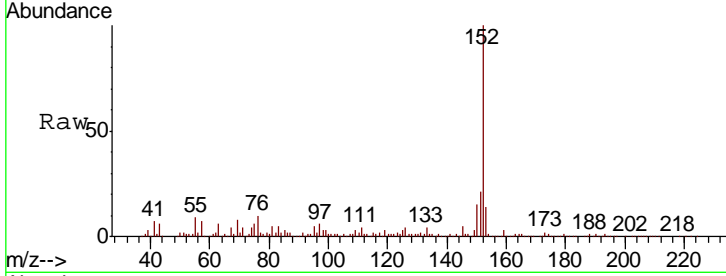
#49  
 Acenaphthylene  
 Concen: 46.739 ng  
 RT: 9.60 min Scan# 1278  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
152	100		
151	21.1	16.4	24.6
153	13.8	10.6	16.0

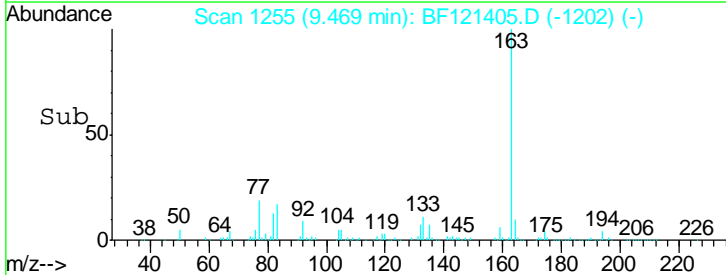
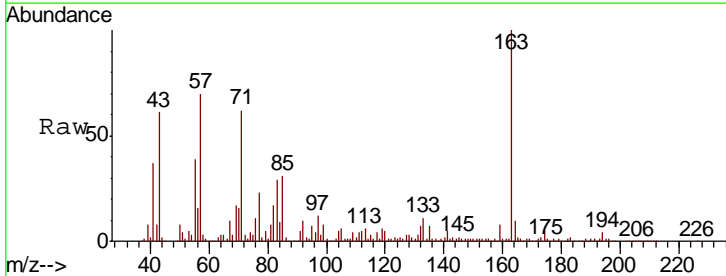
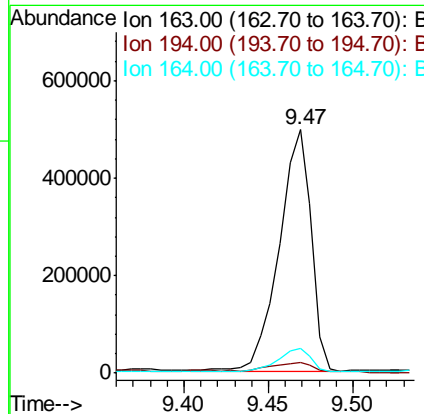
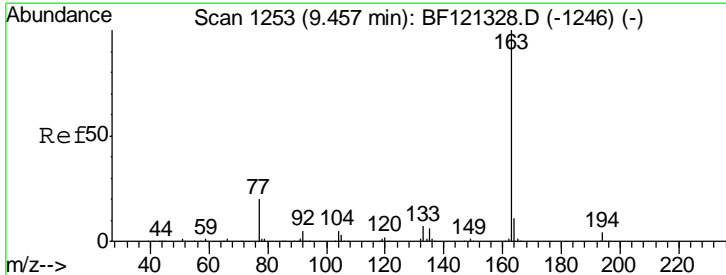
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**APPROVED**

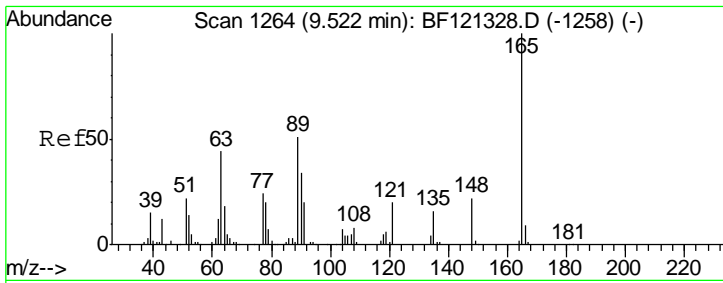
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#50  
 Dimethylphthalate  
 Concen: 39.740 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.1	8.4	12.6





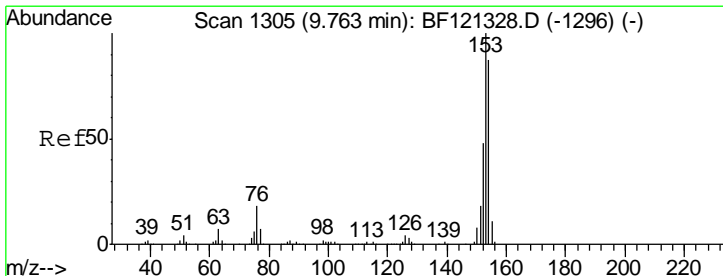
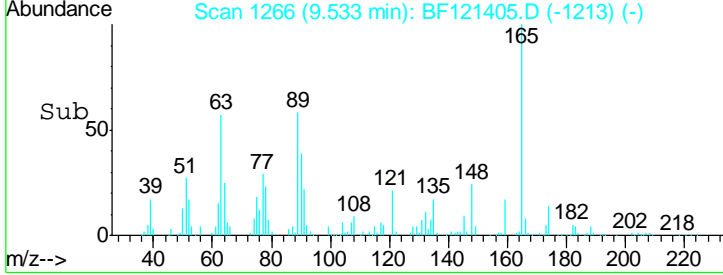
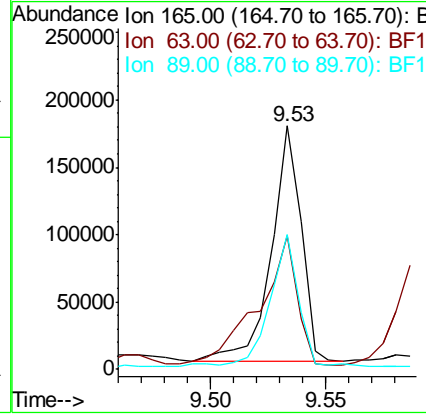
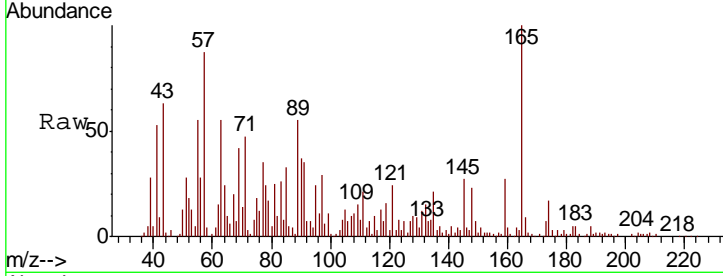
#51  
 2,6-Dinitrotoluene  
 Concen: 44.827 ng  
 RT: 9.53 min Scan# 1266  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
165	157025		
63	54.7	38.5	57.7
89	55.1	41.2	61.8

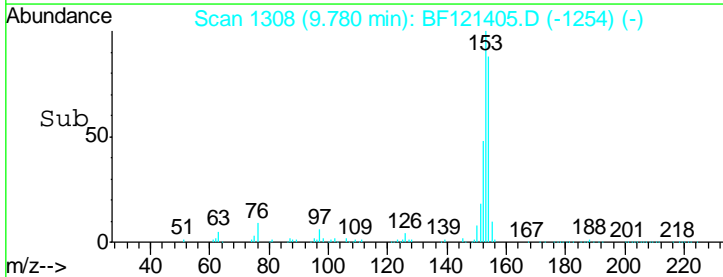
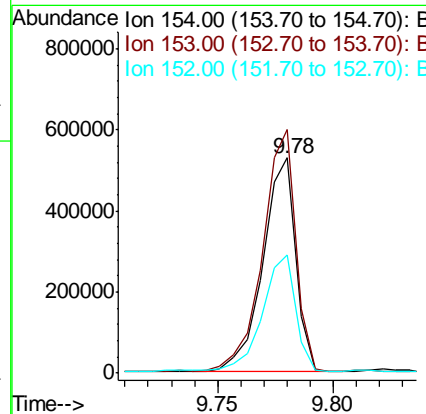
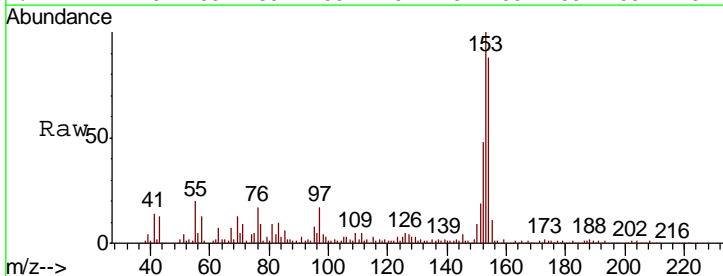
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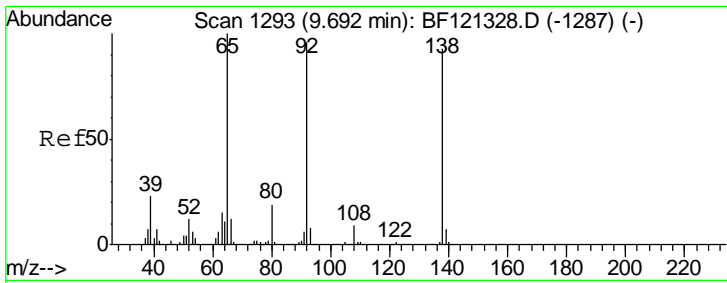


#52  
 Acenaphthene  
 Concen: 41.753 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
154	524578		
153	113.1	92.0	138.0
152	54.6	44.6	66.8







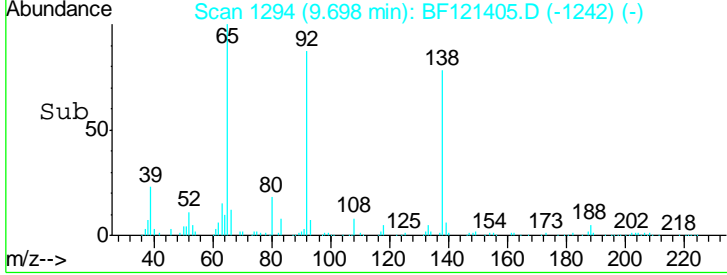
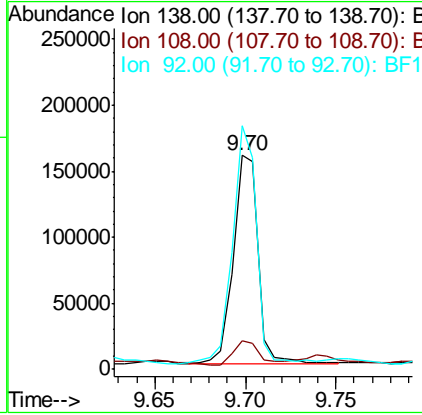
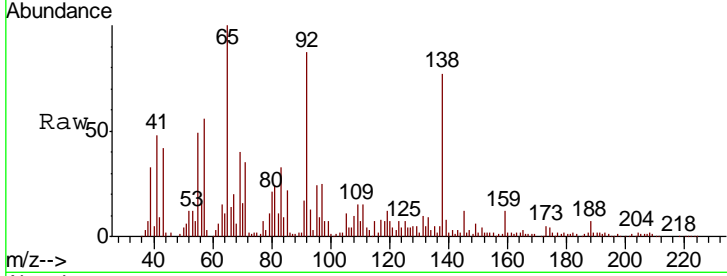
#53  
 3-Nitroaniline  
 Concen: 34.520 ng  
 RT: 9.70 min Scan# 1294  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
138	151266		
108	13.1	7.5	11.3#
92	113.8	83.0	124.4

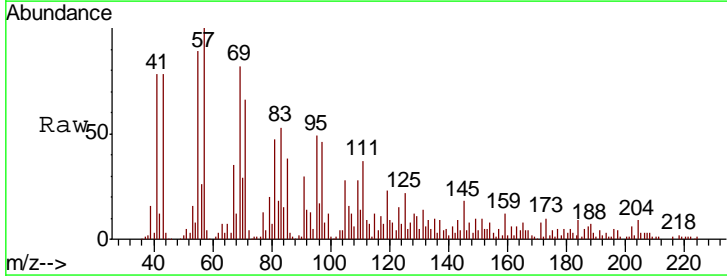
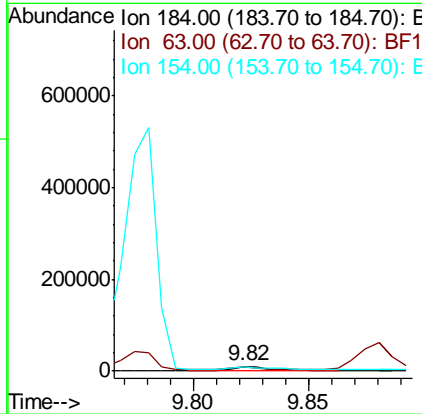
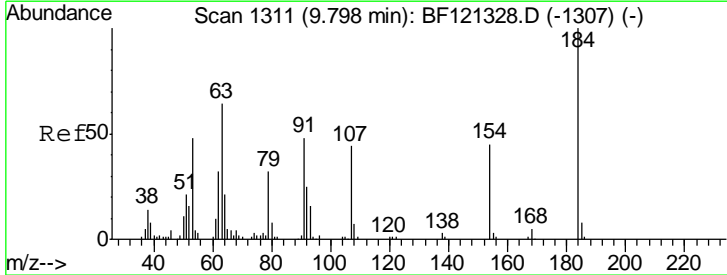
**Manual Integrations**  
**APPROVED**

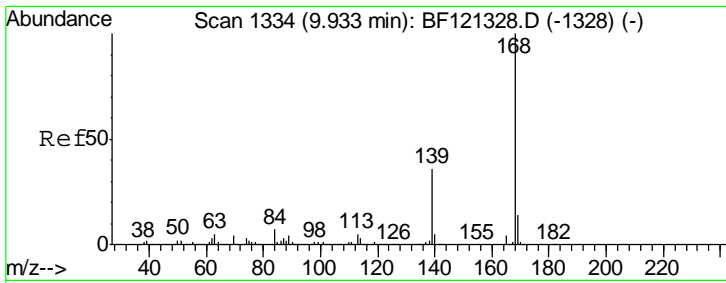
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#54  
 2,4-Dinitrophenol  
 Concen: 8.402 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
184	14188		
63	82.7	51.5	77.3#
154	91.2	48.0	72.0#





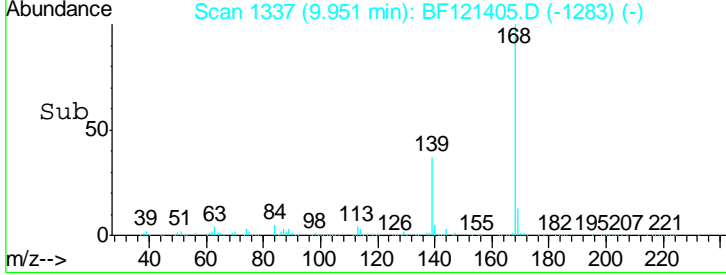
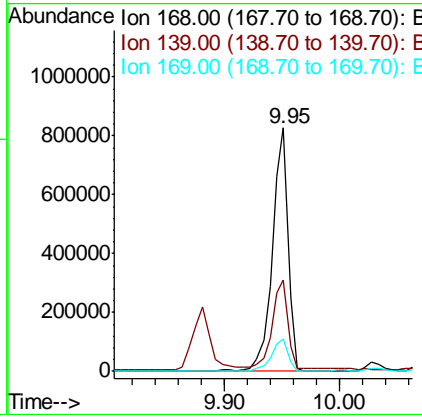
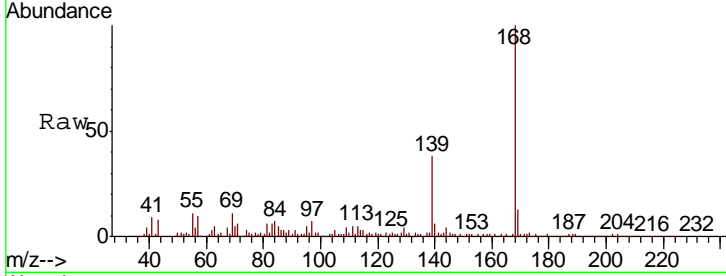
#55  
 Dibenzofuran  
 Concen: 48.961 ng  
 RT: 9.95 min Scan# 1337  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
168	100		
139	37.6	29.1	43.7
169	13.3	11.0	16.6

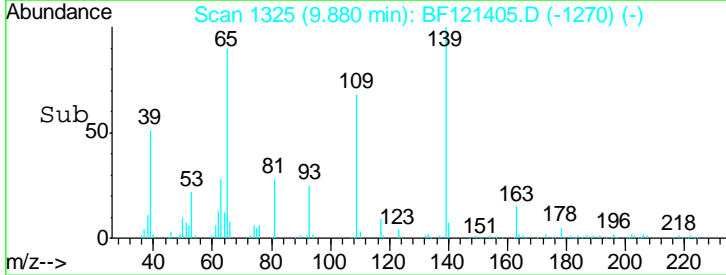
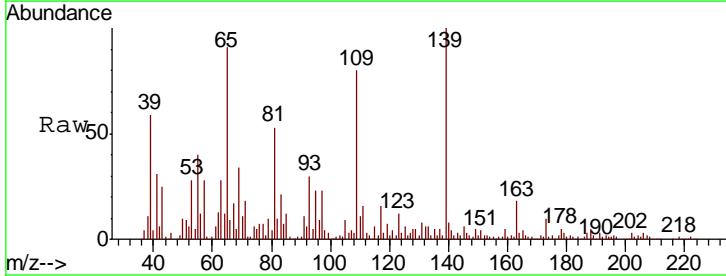
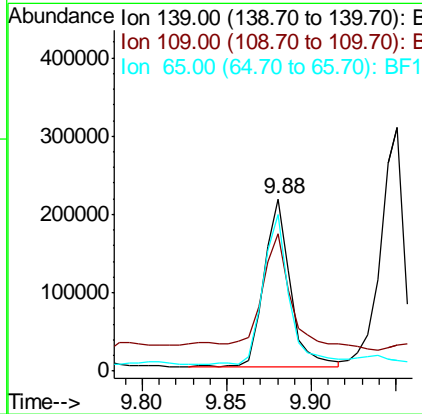
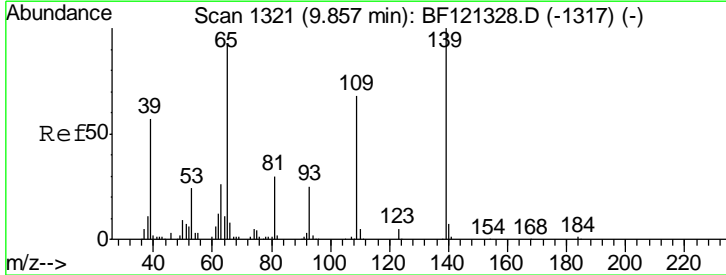
**Manual Integrations**  
**APPROVED**

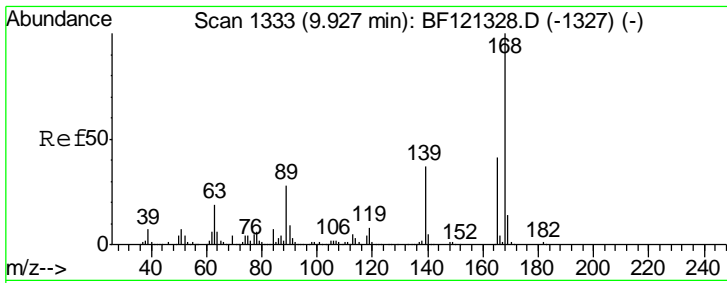
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#56  
 4-Nitrophenol  
 Concen: 84.489 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

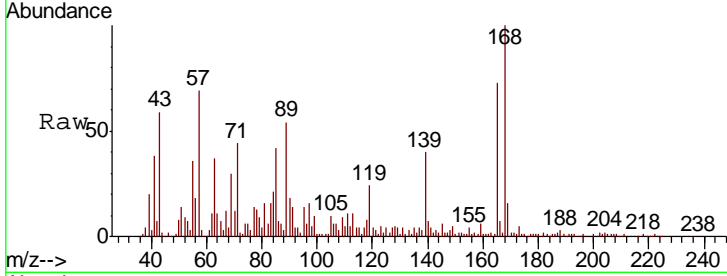
Tgt Ion	Resp	Lower	Upper
139	100		
109	79.6	47.7	87.7
65	91.3	73.2	113.2





#57  
 2,4-Dinitrotoluene  
 Concen: 41.491 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

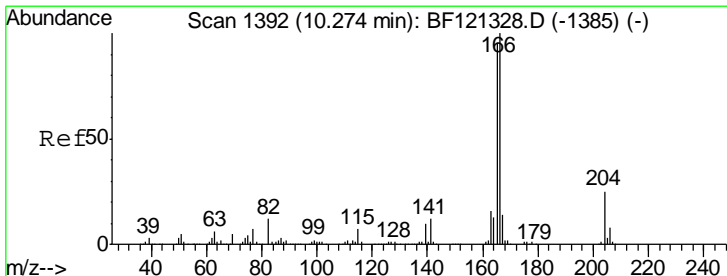
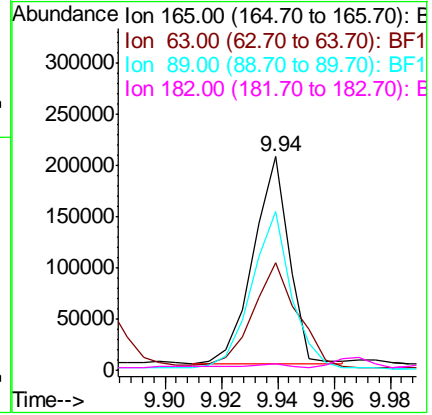
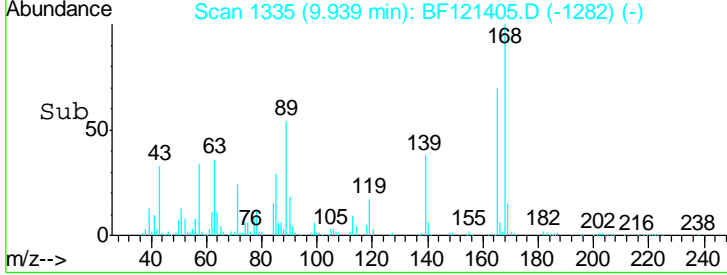
Instrument :  
 BNA\_F  
 ClientSampled :  
 DRUM-COMPMS



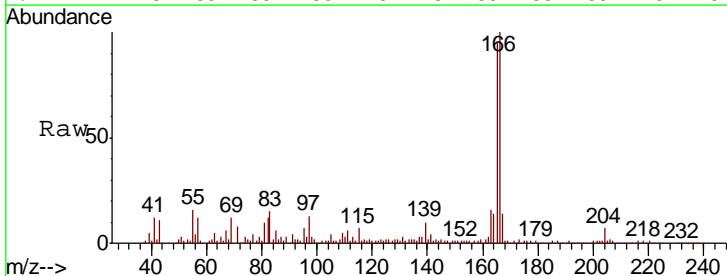
Tgt Ion:165 Resp: 177308

Ion	Ratio	Lower	Upper
165	100		
63	50.5	37.5	56.3
89	74.6	54.2	81.4
182	3.3	2.2	3.4

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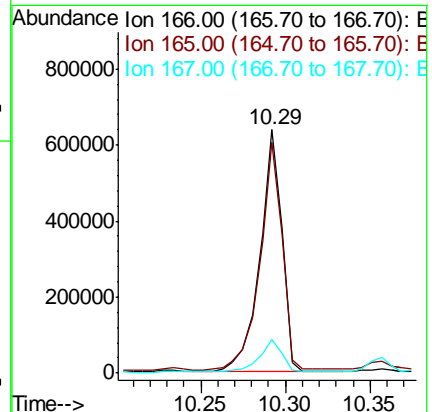
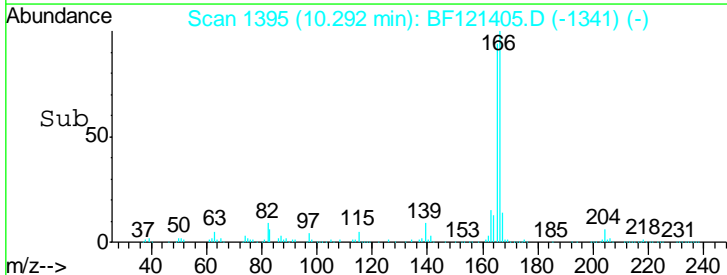


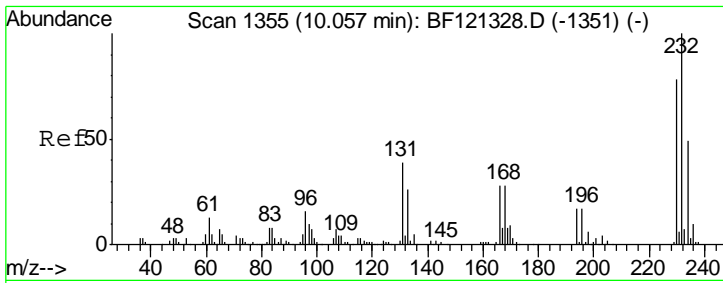
#58  
 Fluorene  
 Concen: 49.897 ng  
 RT: 10.29 min Scan# 1395  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion:166 Resp: 580621

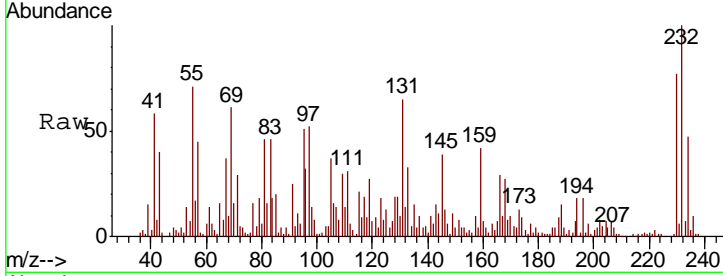
Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.8	113.8
167	13.9	11.0	16.4





#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.693 ng  
 RT: 10.07 min Scan# 1358  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

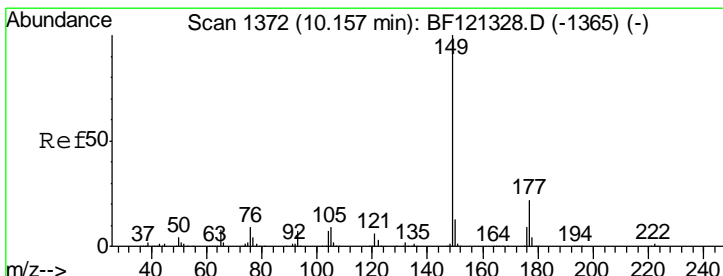
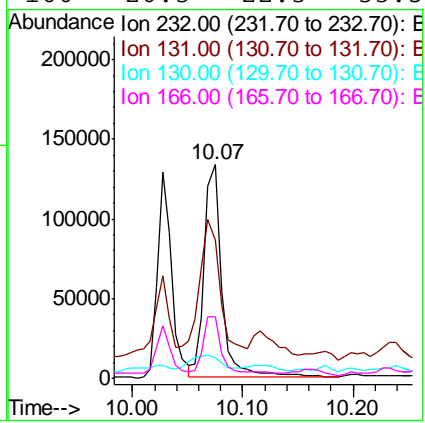
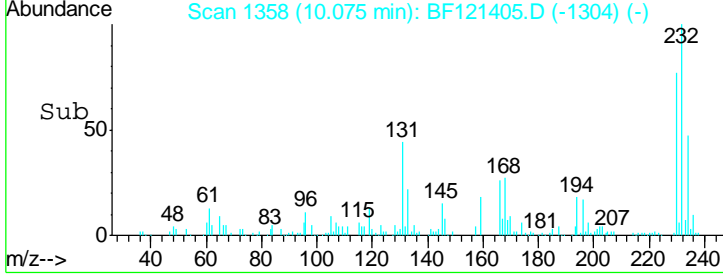
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS



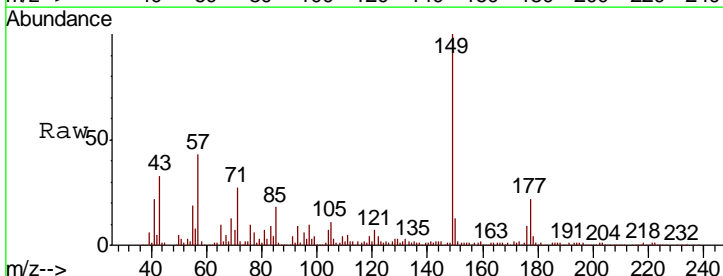
Tgt Ion: 232 Resp: 143600

Ion	Ratio	Lower	Upper
232	100		
131	73.7	34.2	51.4#
130	11.4	1.7	2.5#
166	26.3	22.3	33.5

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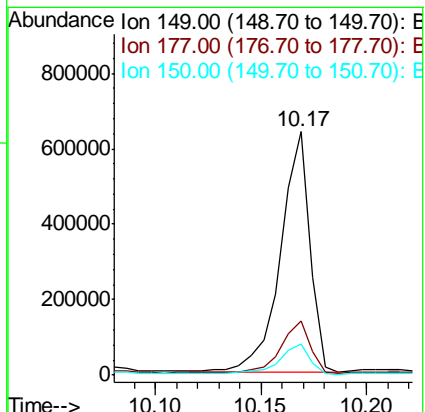
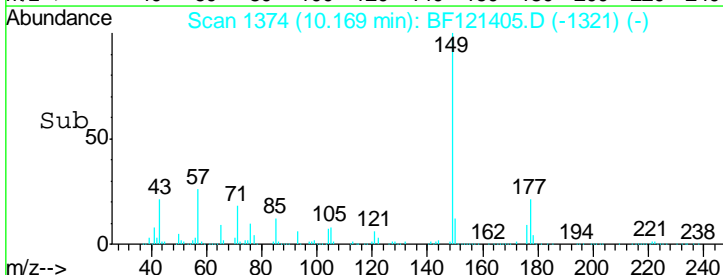


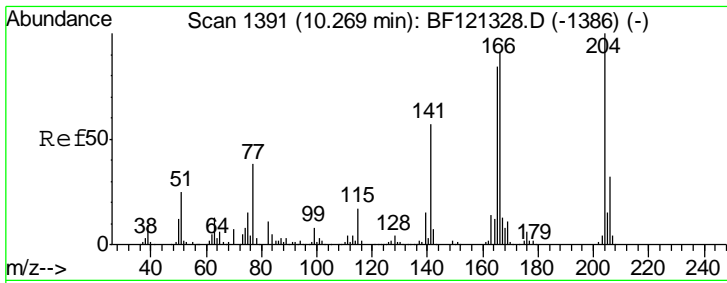
#60  
 Diethylphthalate  
 Concen: 39.037 ng  
 RT: 10.17 min Scan# 1374  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion: 149 Resp: 625232

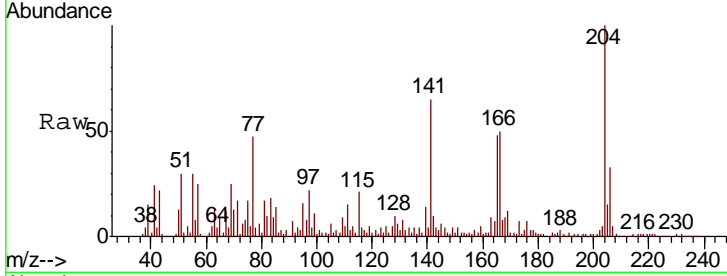
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	13.0	10.1	15.1





#61  
 4-Chlorophenyl-phenylether  
 Concen: 49.593 ng  
 RT: 10.28 min Scan# 1393  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 DRUM-COMPMS

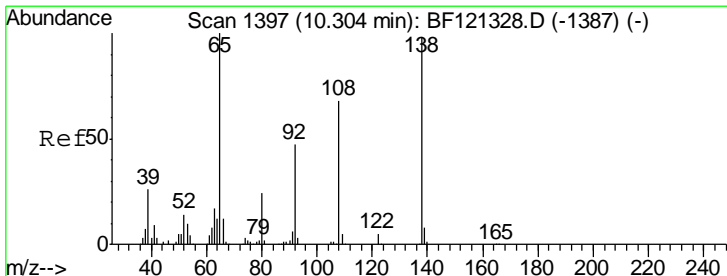
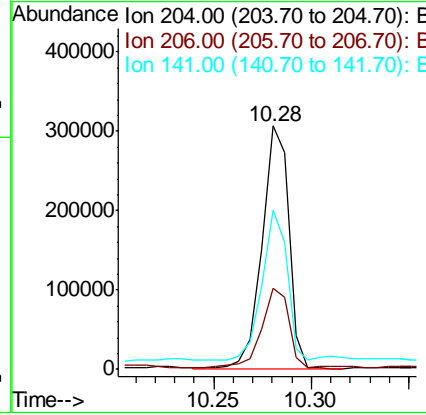
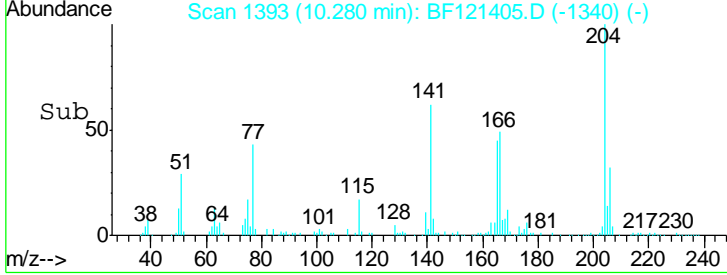


Tgt Ion: 204 Resp: 290706

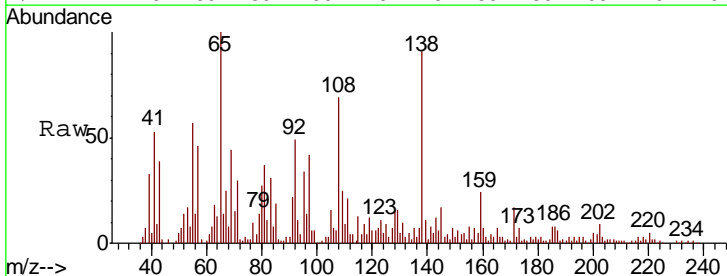
Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	65.3	45.5	68.3

Manual Integrations  
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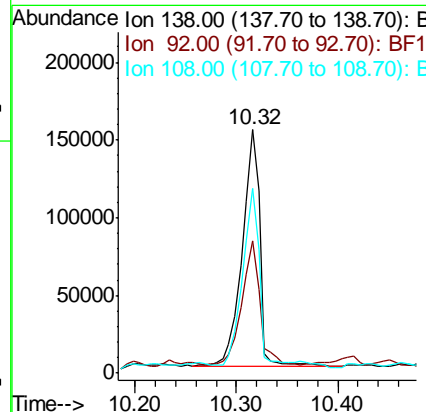
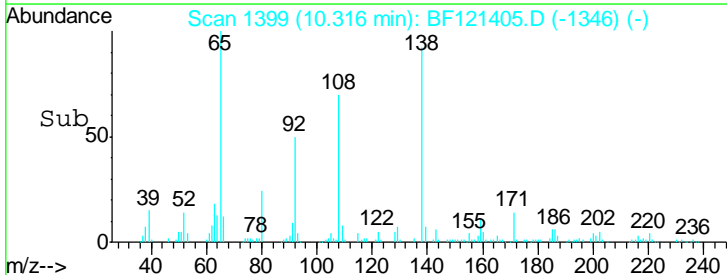


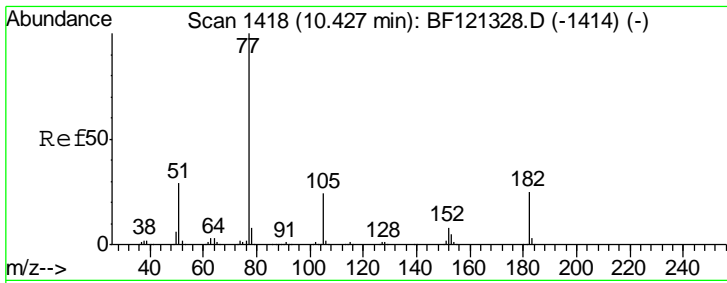
#62  
 4-Nitroaniline  
 Concen: 41.580 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion: 138 Resp: 186689

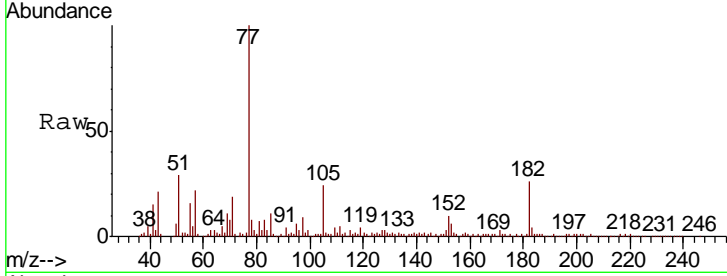
Ion	Ratio	Lower	Upper
138	100		
92	54.5	28.1	68.1
108	75.9	49.5	89.5





#63  
 Azobenzene  
 Concen: 41.333 ng  
 RT: 10.45 min Scan# 1421  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

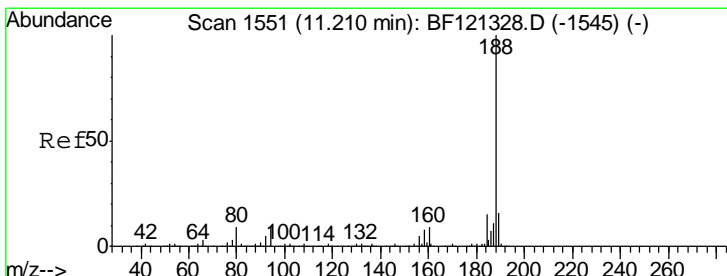
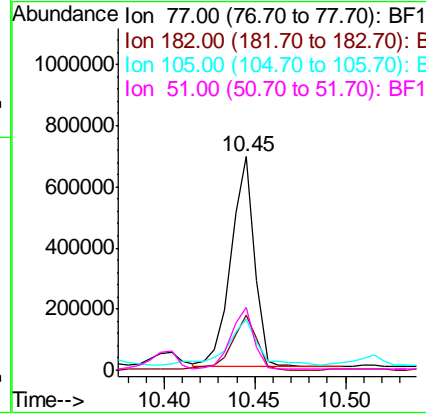
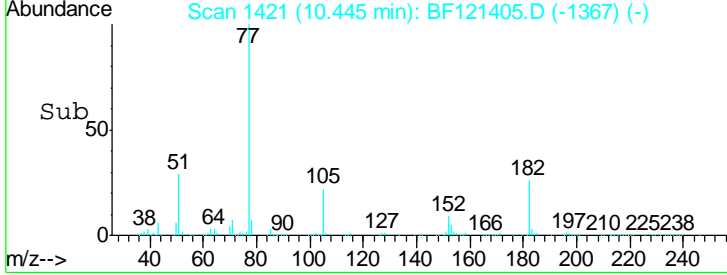
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS



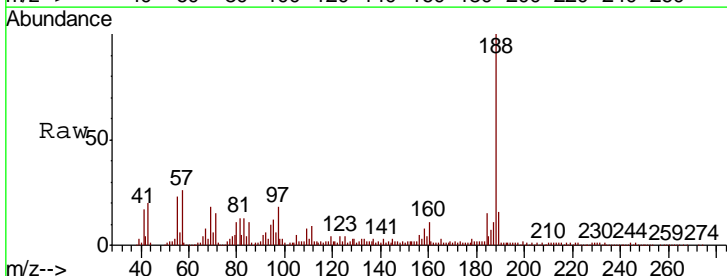
Tgt Ion: 77 Resp: 614878

Ion	Ratio	Lower	Upper
77	100		
182	25.9	5.0	45.0
105	24.1	3.6	43.6
51	29.2	8.8	48.8

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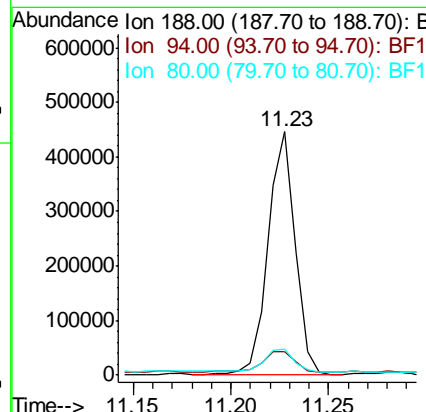
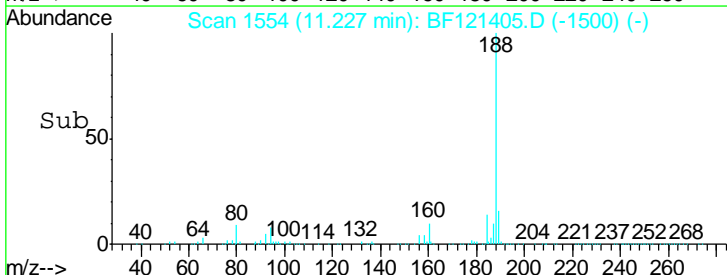


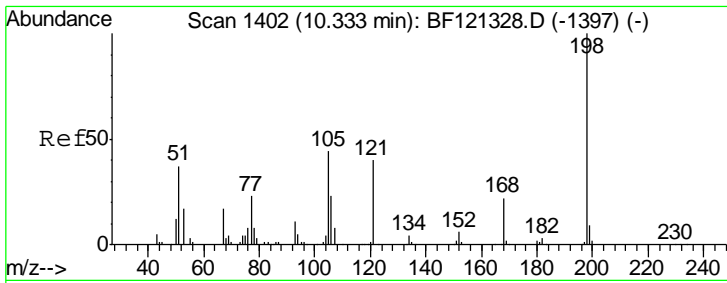
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.23 min Scan# 1554  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22



Tgt Ion: 188 Resp: 422551

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.6	7.4	11.0





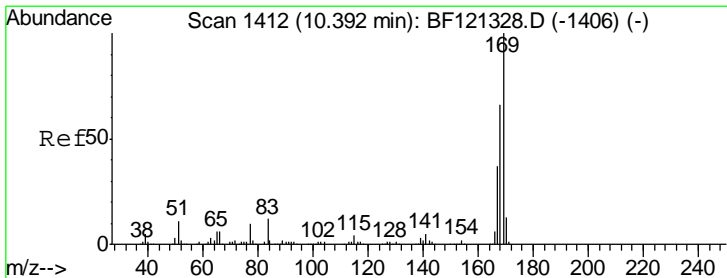
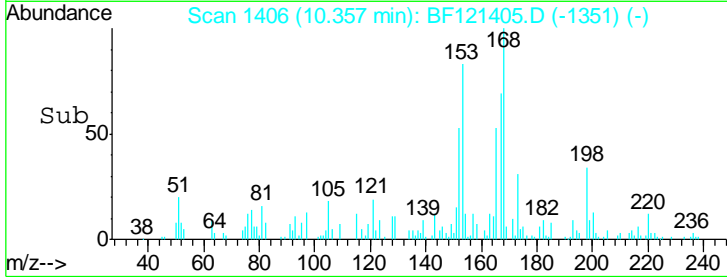
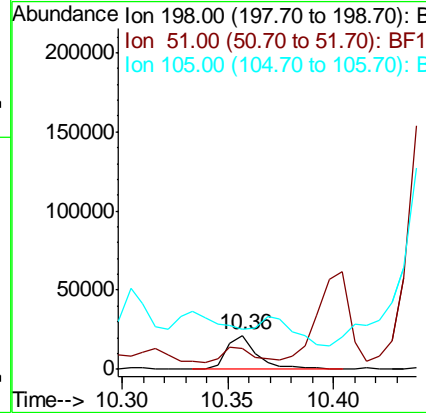
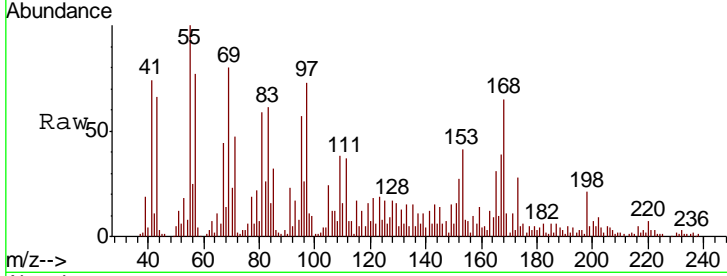
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 9.793 ng  
 RT: 10.36 min Scan# 1406  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
198	22129		
51	59.1	25.5	65.5
105	116.5	24.9	64.9#

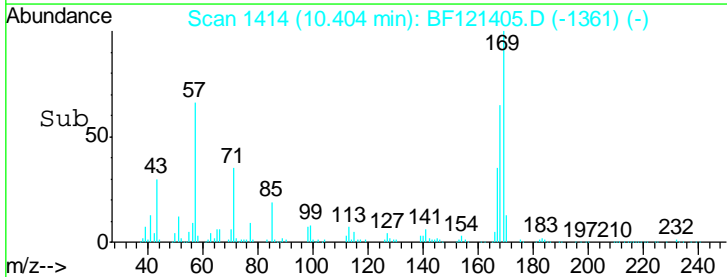
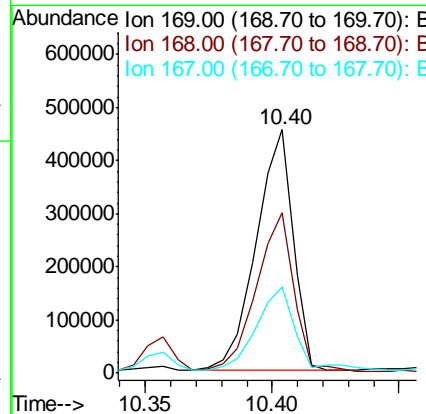
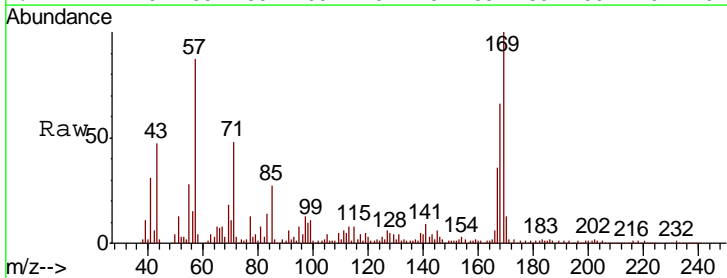
**Manual Integrations**  
**APPROVED**

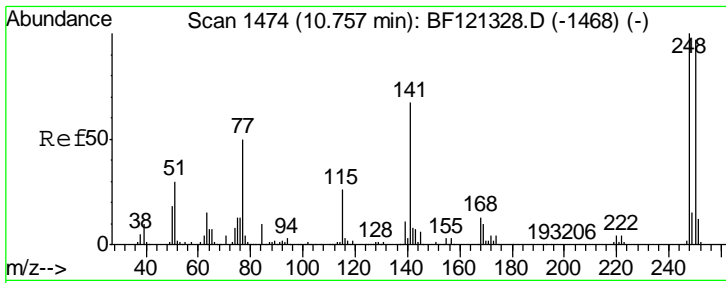
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#66  
 n-Nitrosodiphenylamine  
 Concen: 35.558 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
169	463453		
168	65.7	53.0	79.6
167	35.6	29.5	44.3





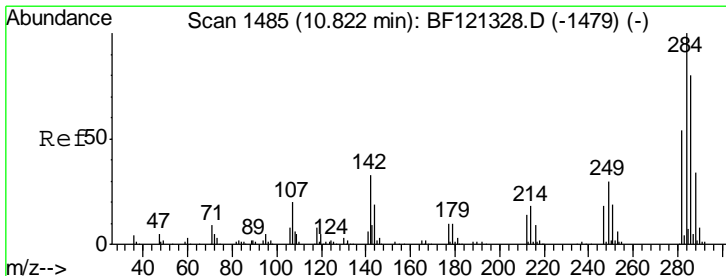
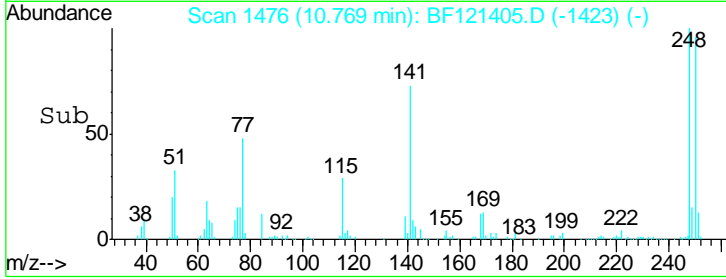
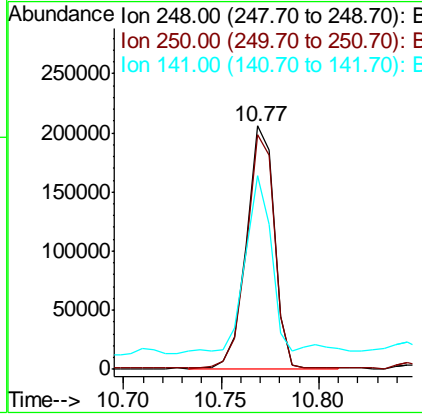
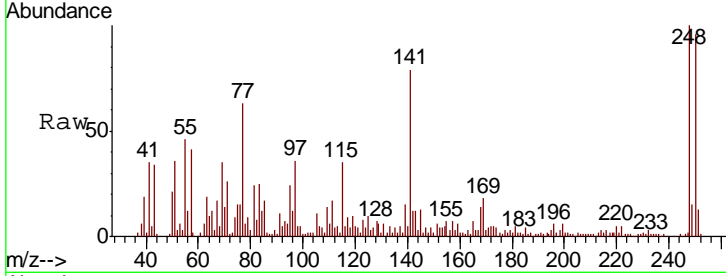
#67  
 4-Bromophenyl-phenylether  
 Concen: 43.204 ng  
 RT: 10.77 min Scan# 1476  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**Client Sampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
248	202504		
248	100		
250	96.2	77.9	116.9
141	79.3	53.5	80.3

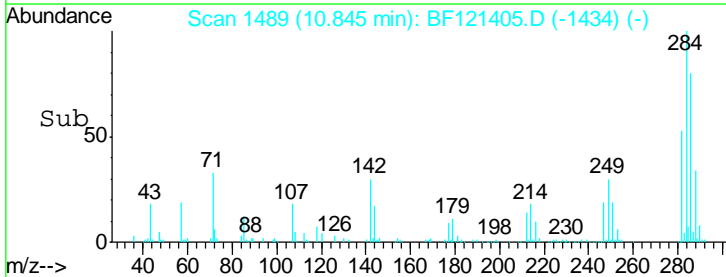
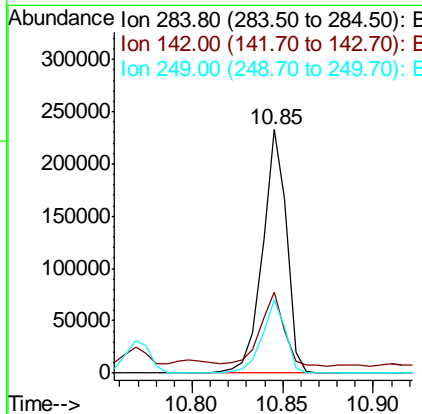
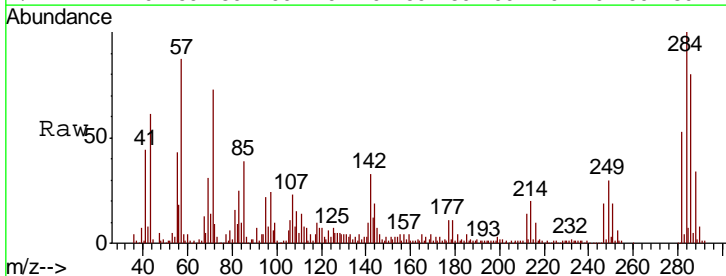
**Manual Integrations**  
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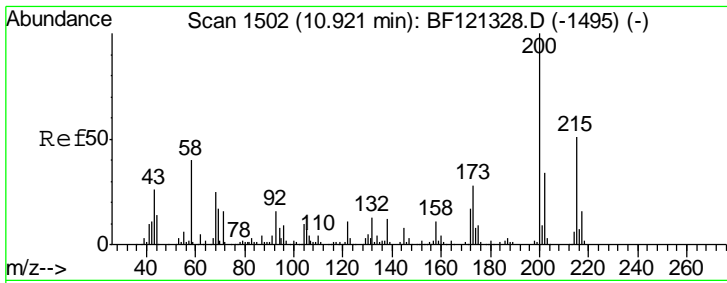


#68  
 Hexachlorobenzene  
 Concen: 39.444 ng  
 RT: 10.85 min Scan# 1489  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
284	213109		
284	100		
142	33.4	26.1	39.1
249	30.1	24.0	36.0







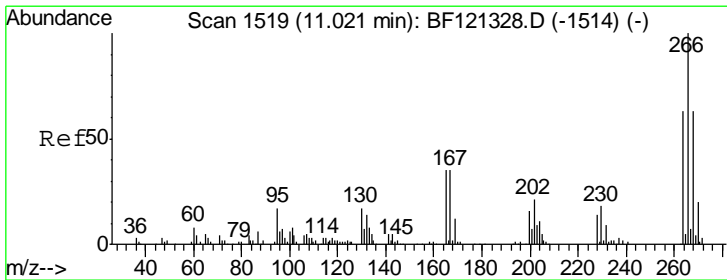
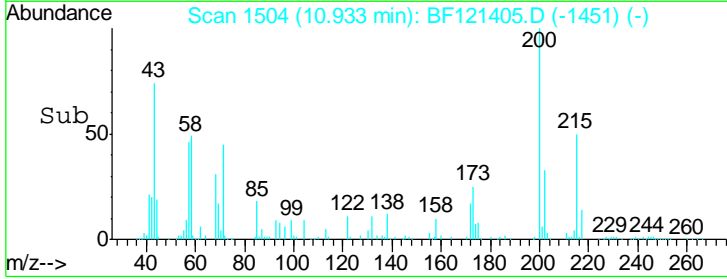
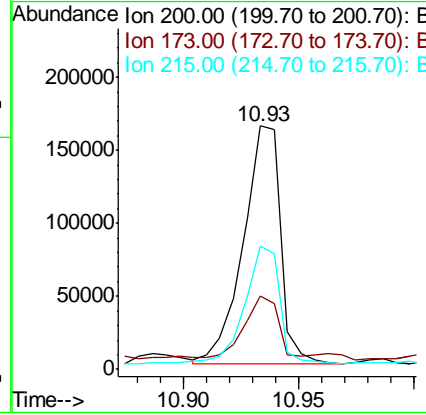
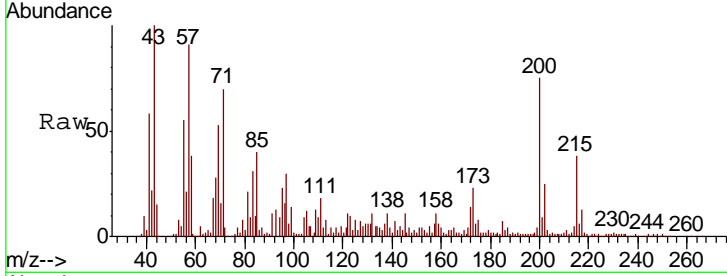
#69  
 Atrazine  
 Concen: 45.940 ng  
 RT: 10.93 min Scan# 1504  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 DRUM-COMPMS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.1	7.8	47.8
215	50.5	30.5	70.5

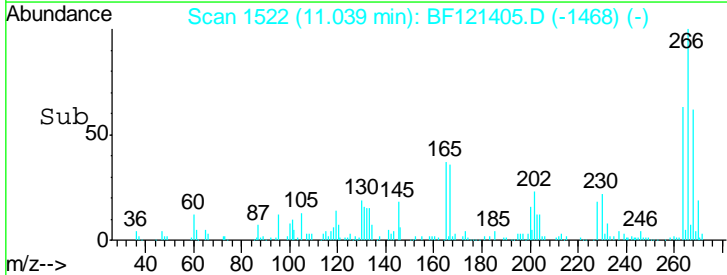
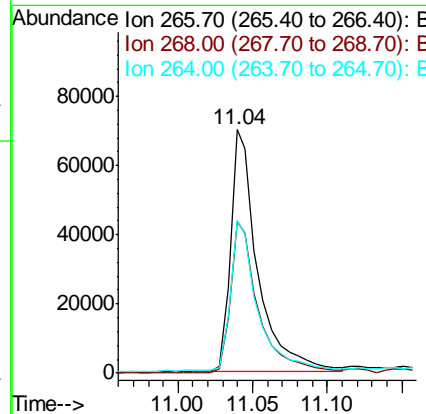
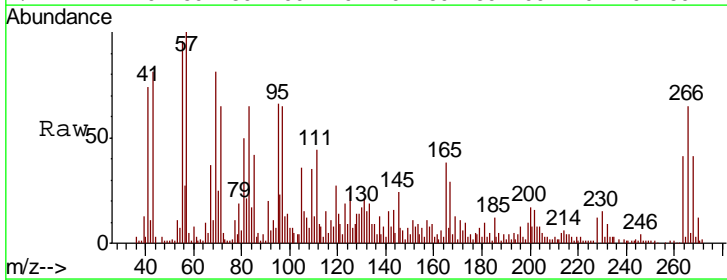
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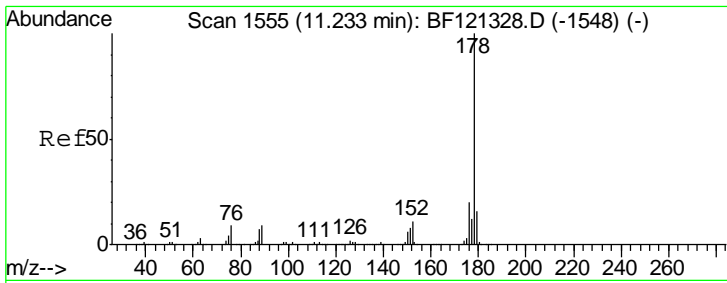
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#70  
 Pentachlorophenol  
 Concen: 37.606 ng  
 RT: 11.04 min Scan# 1522  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.6	75.8
264	62.5	50.5	75.7





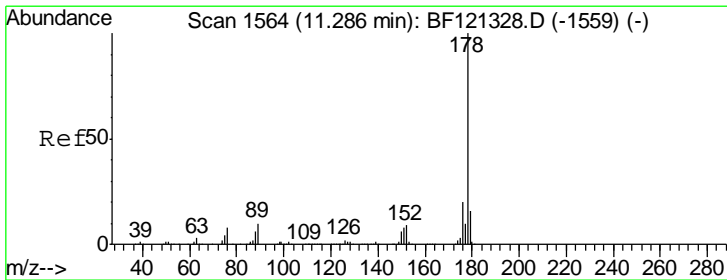
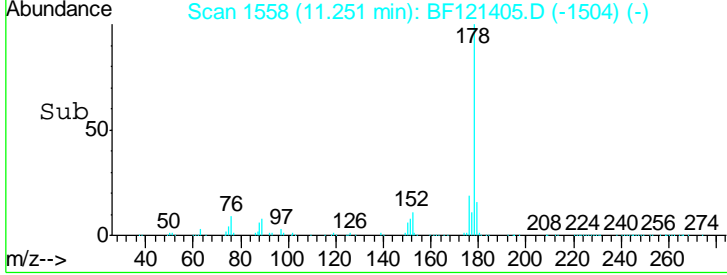
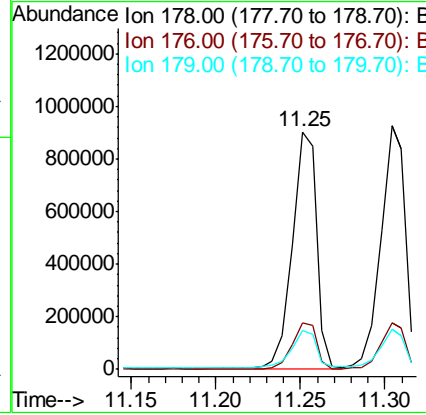
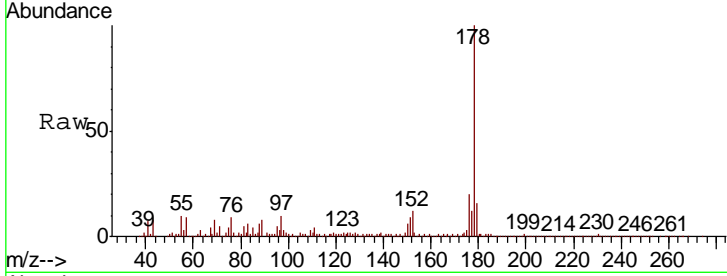
#71  
 Phenanthrene  
 Concen: 40.921 ng  
 RT: 11.25 min Scan# 1558  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.2	12.8	19.2

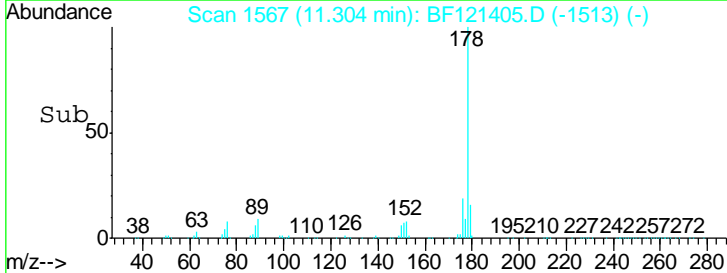
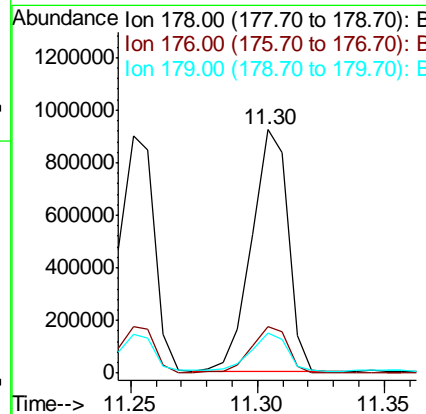
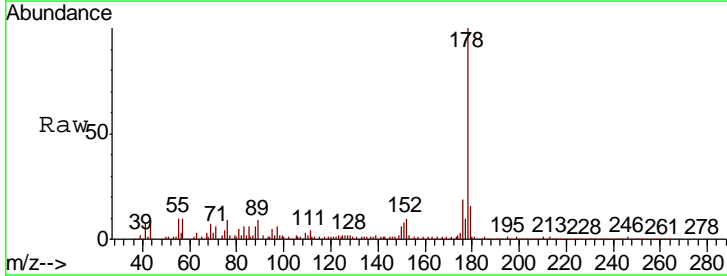
**Manual Integrations**  
**APPROVED**

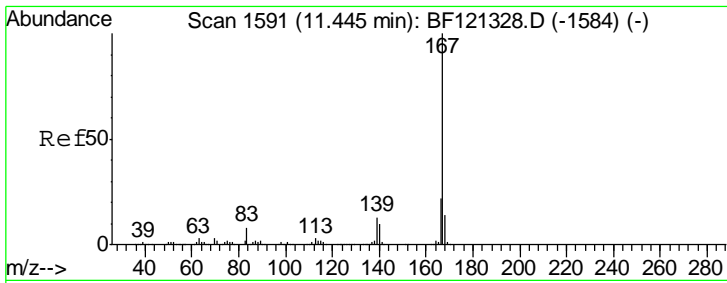
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#72  
 Anthracene  
 Concen: 43.911 ng  
 RT: 11.30 min Scan# 1567  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	16.3	12.8	19.2





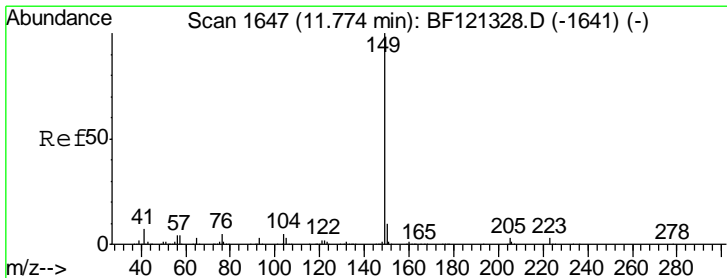
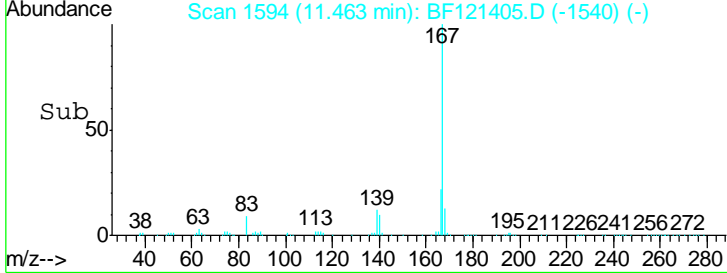
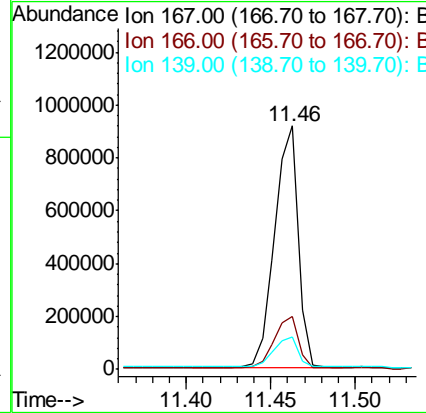
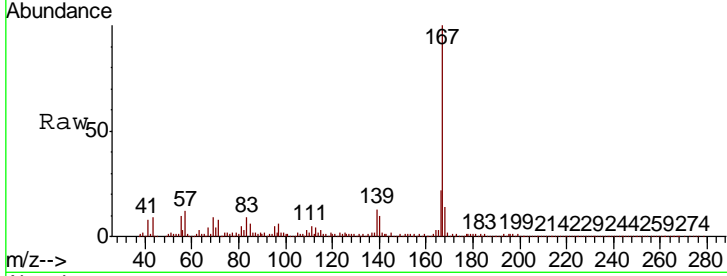
#73  
 Carbazole  
 Concen: 43.576 ng  
 RT: 11.46 min Scan# 1594  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.5	10.2	15.2

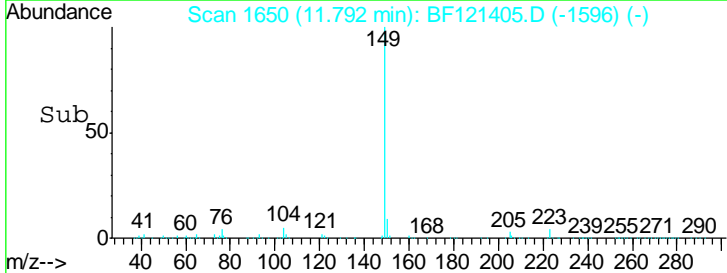
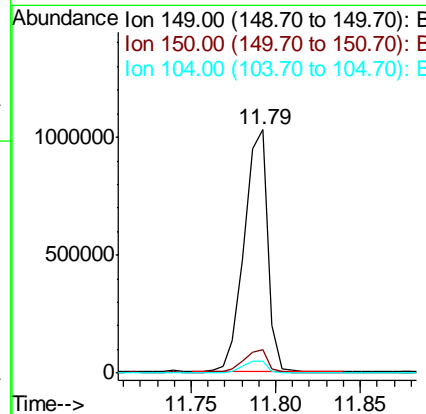
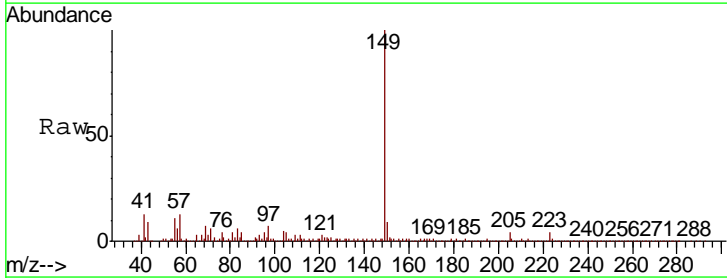
**Manual Integrations**  
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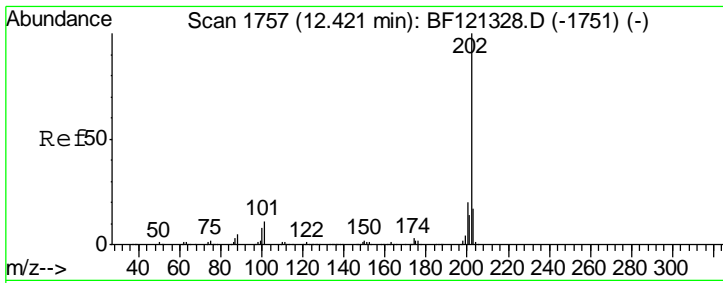
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 40.761 ng  
 RT: 11.79 min Scan# 1650  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.9	3.9	5.9





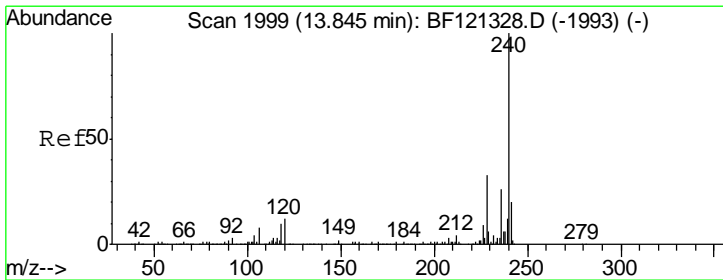
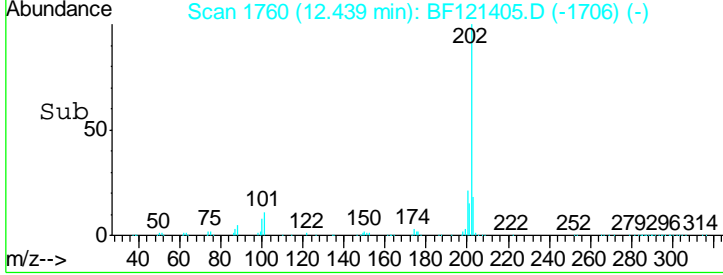
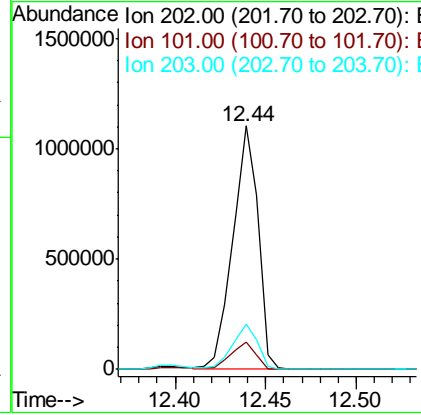
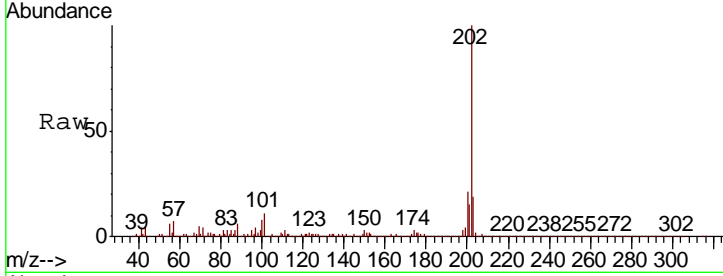
#75  
 Fluoranthene  
 Concen: 44.776 ng  
 RT: 12.44 min Scan# 1760  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
202	1062847		
101	11.2	0.0	30.6
203	18.5	0.0	37.5

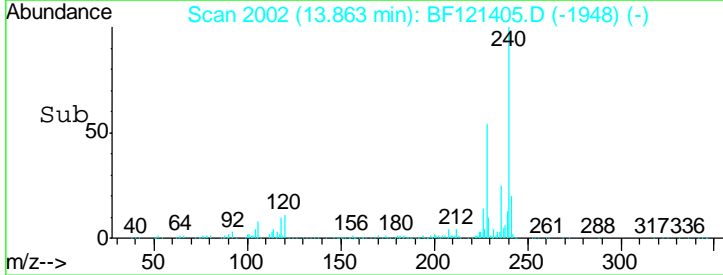
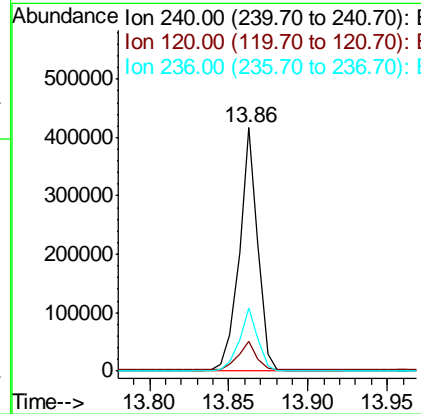
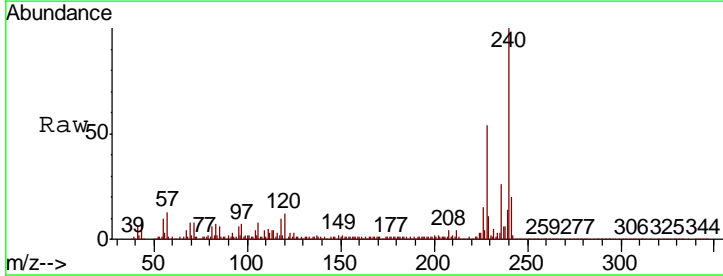
**Manual Integrations**  
**APPROVED**

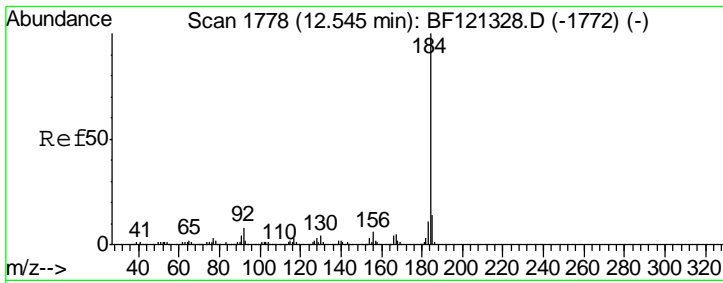
mohammad  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.86 min Scan# 2002  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
240	334217		
120	12.0	9.6	14.4
236	25.7	20.6	31.0





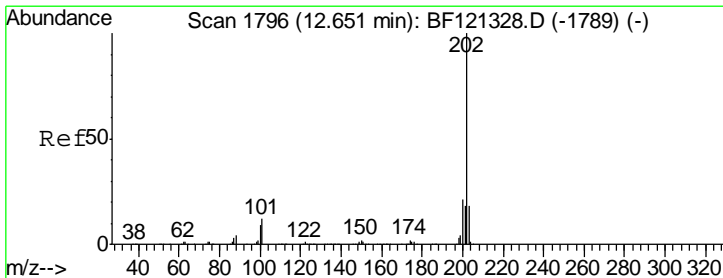
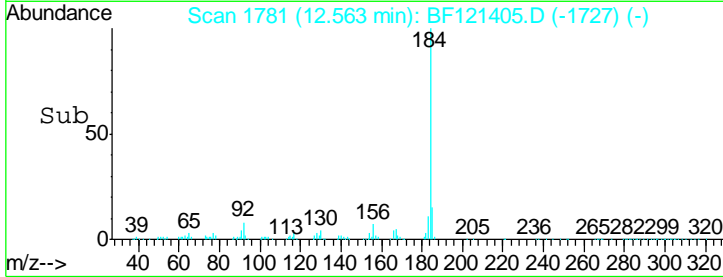
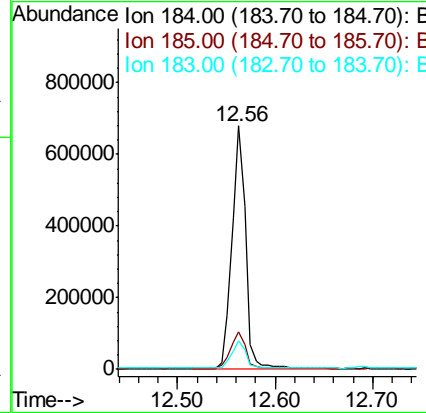
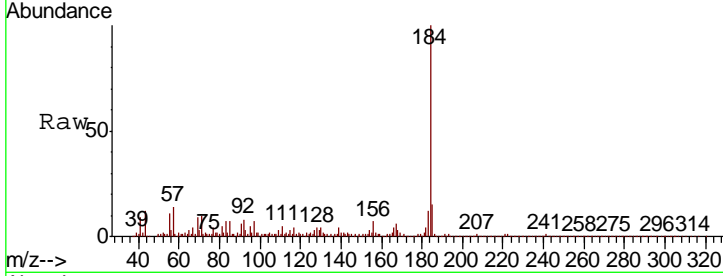
#77  
Benzidine  
Concen: 71.823 ng  
RT: 12.56 min Scan# 1781  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

**Instrument :**  
BNA\_F  
**ClientSampled :**  
DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
184	100		
185	15.2	11.6	17.4
183	11.9	8.7	13.1

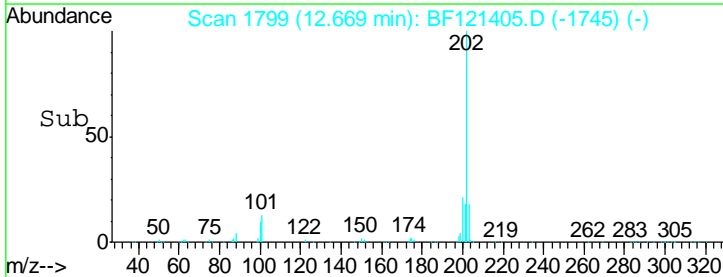
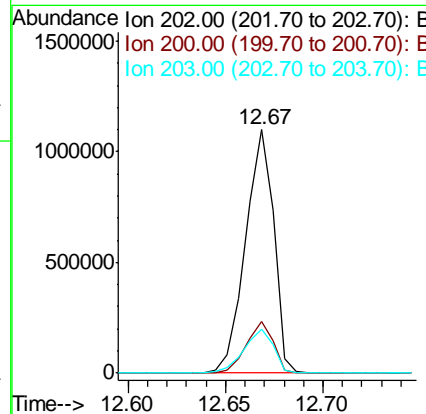
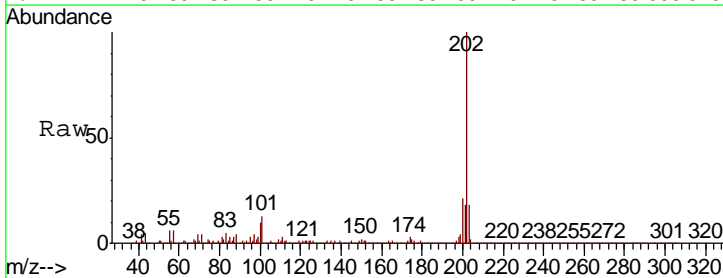
**Manual Integrations**  
**APPROVED**

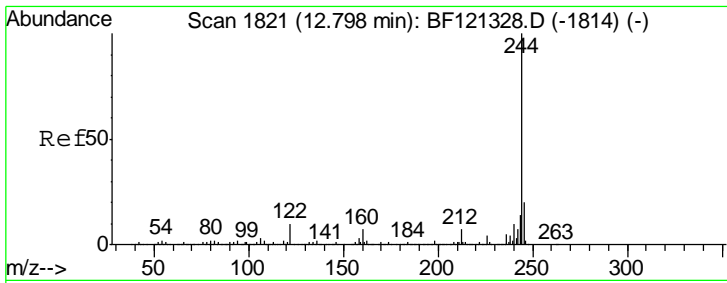
mohammad  
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#78  
Pyrene  
Concen: 43.591 ng  
RT: 12.67 min Scan# 1799  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	18.1	14.2	21.2





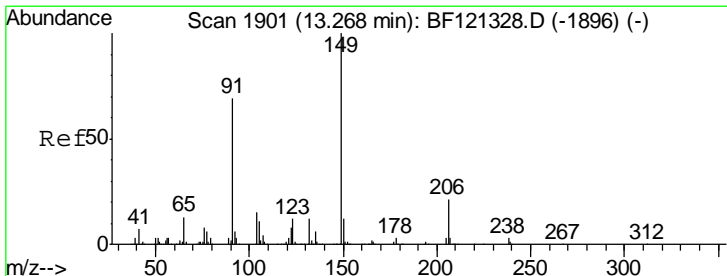
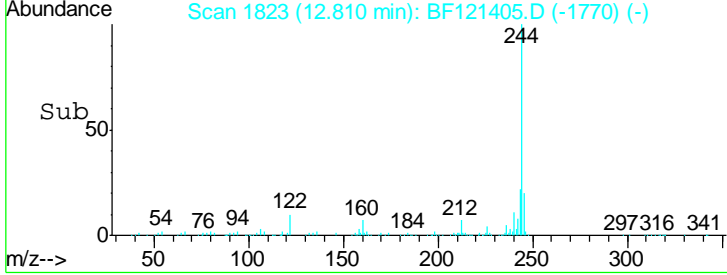
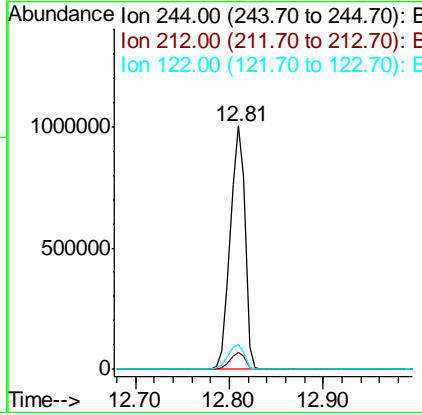
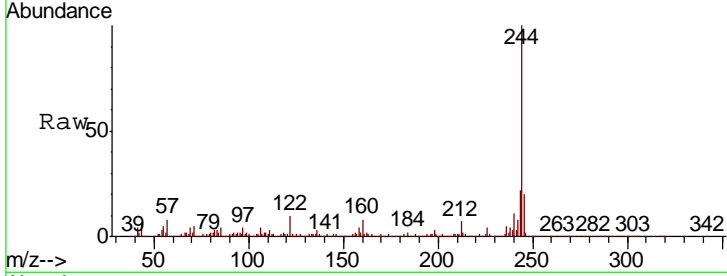
#79  
 Terphenyl-d14  
 Concen: 63.882 ng  
 RT: 12.81 min Scan# 1823  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.2	7.8	11.8

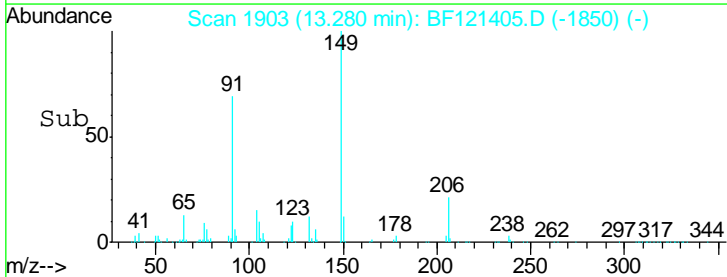
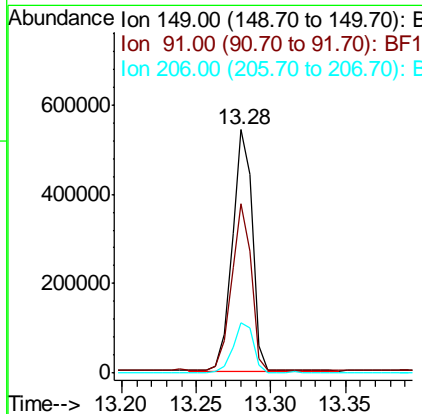
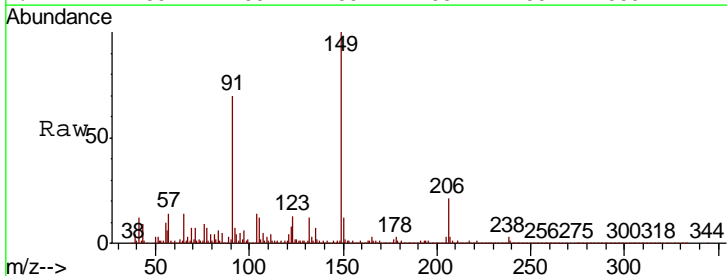
**Manual Integrations**  
**APPROVED**

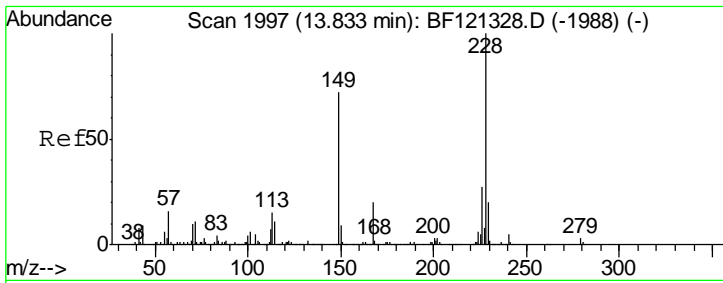
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#80  
 Butylbenzylphthalate  
 Concen: 47.451 ng  
 RT: 13.28 min Scan# 1903  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
149	100		
91	69.7	55.2	82.8
206	20.9	16.8	25.2





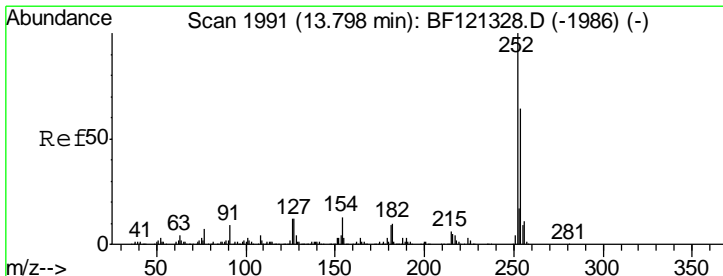
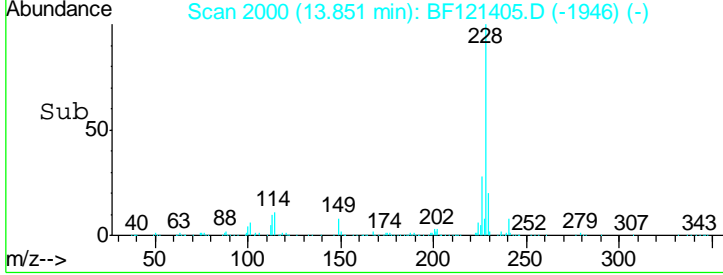
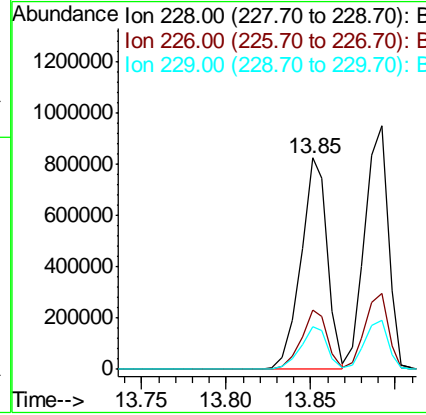
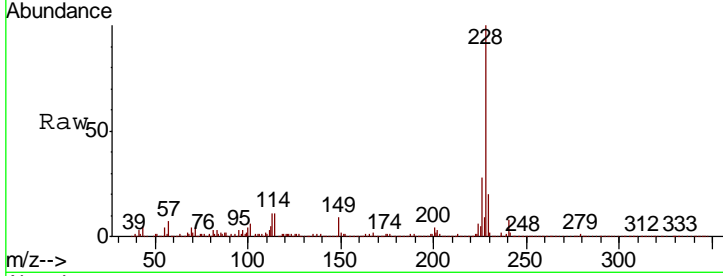
#81  
 Benzo(a)anthracene  
 Concen: 43.037 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.4	15.8	23.8

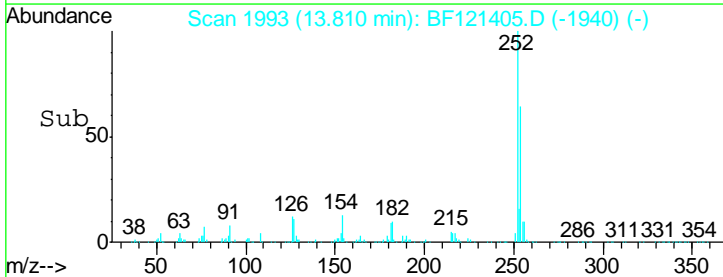
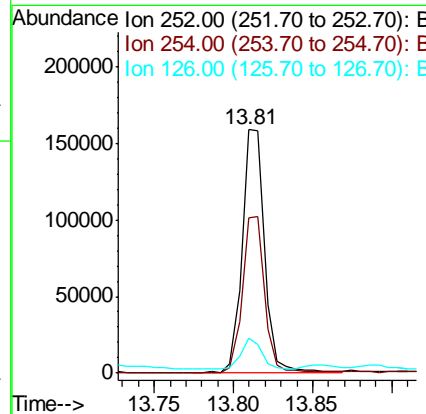
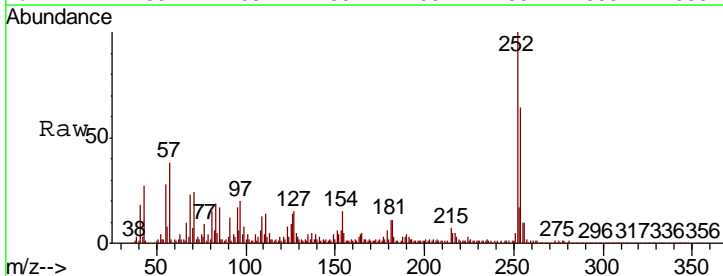
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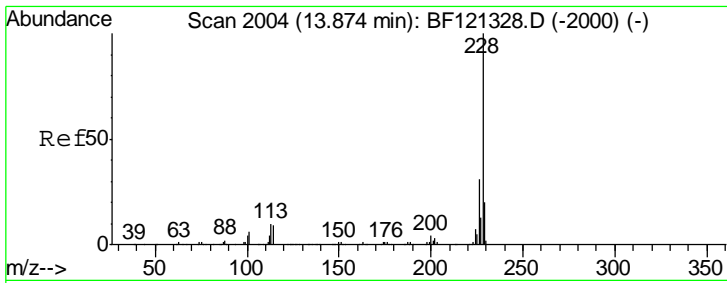
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#82  
 3,3'-Dichlorobenzidine  
 Concen: 19.424 ng  
 RT: 13.81 min Scan# 1993  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	14.4	9.8	14.8



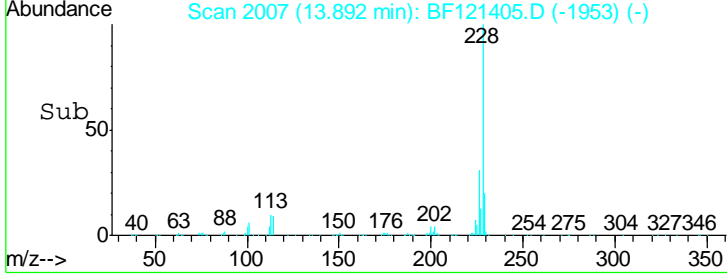
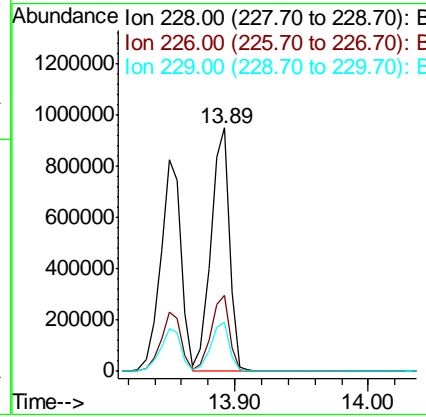
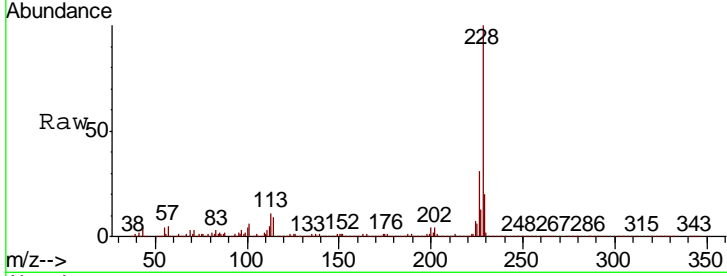


#83  
 Chrysene  
 Concen: 43.220 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

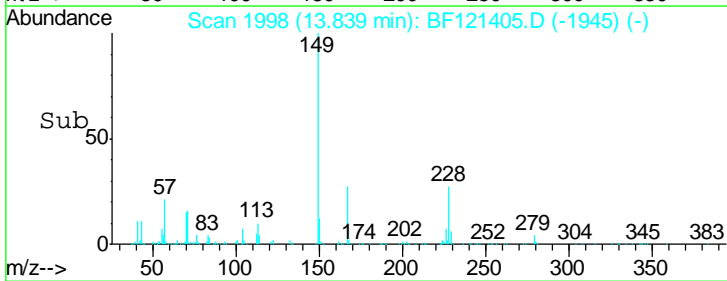
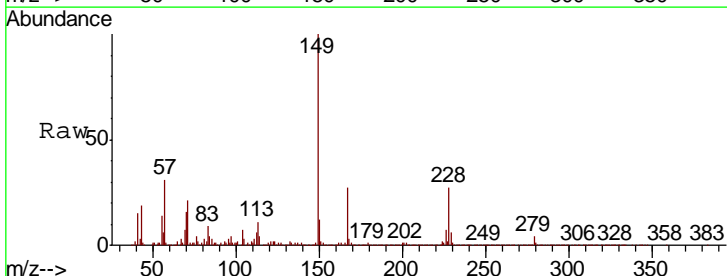
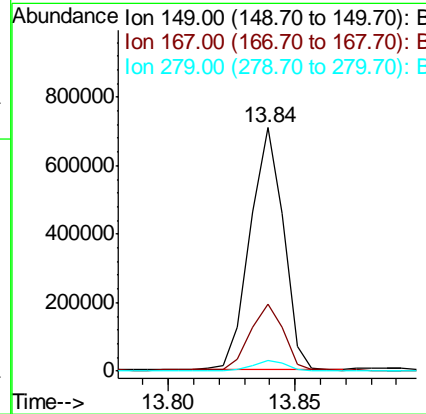
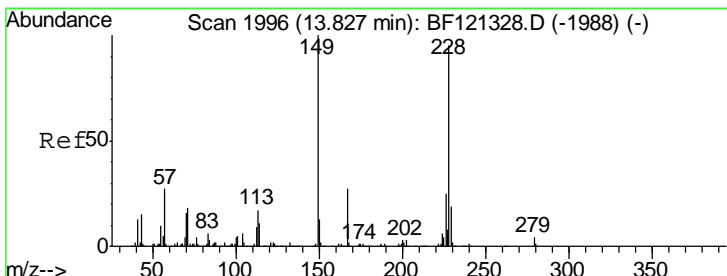
Tgt Ion	Resp	Lower	Upper
228	100		
226	31.3	24.6	36.8
229	20.1	15.9	23.9

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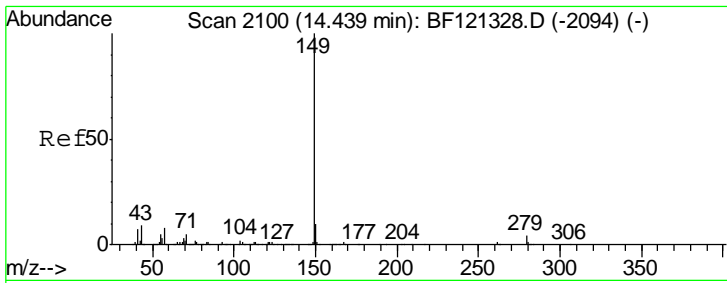


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.744 ng  
 RT: 13.84 min Scan# 1998  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
149	100		
167	27.4	21.5	32.3
279	4.2	2.9	4.3







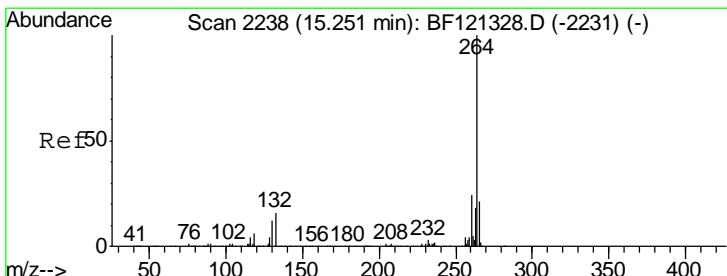
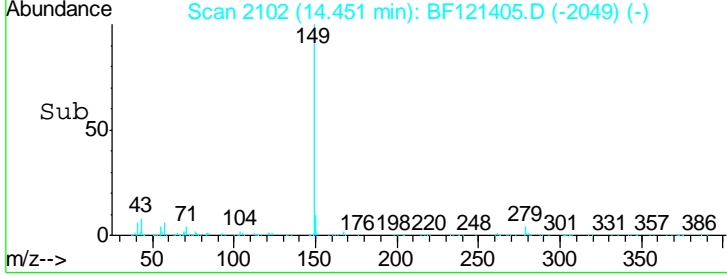
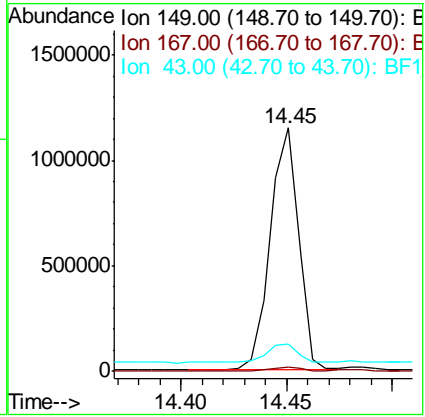
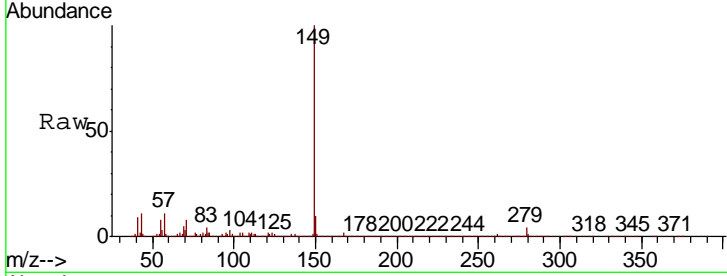
#85  
 Di-n-octyl phthalate  
 Concen: 45.586 ng  
 RT: 14.45 min Scan# 2102  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
149	1070233		
167	1.6	1.2	1.8
43	9.0	7.1	10.7

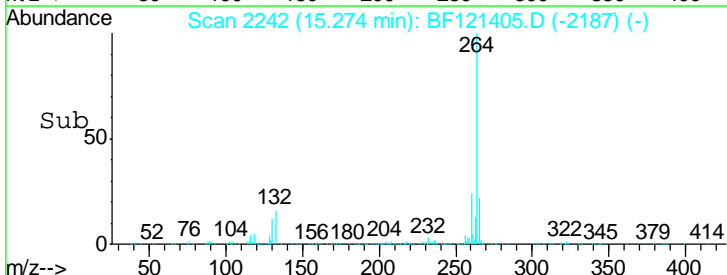
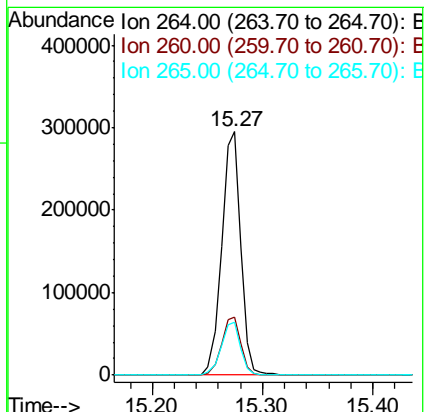
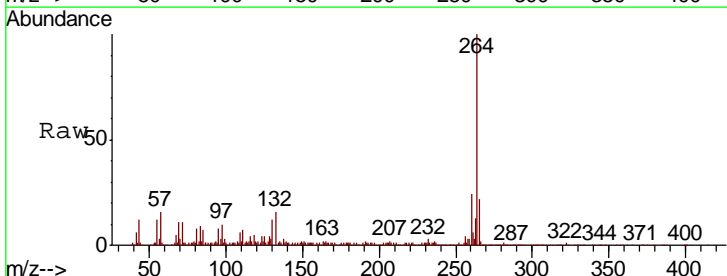
**Manual Integrations**  
**APPROVED**

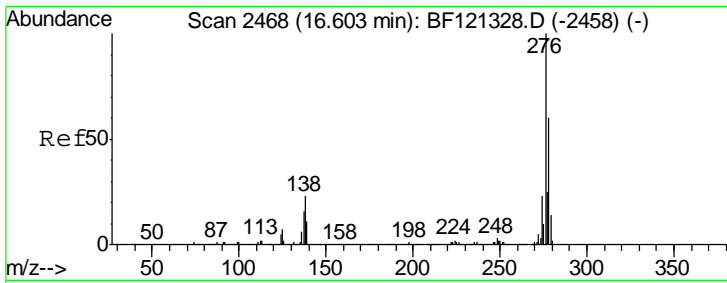
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.27 min Scan# 2242  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
264	351699		
260	24.0	19.5	29.3
265	21.8	17.1	25.7



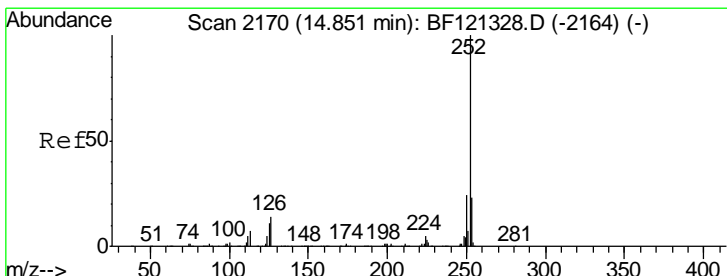
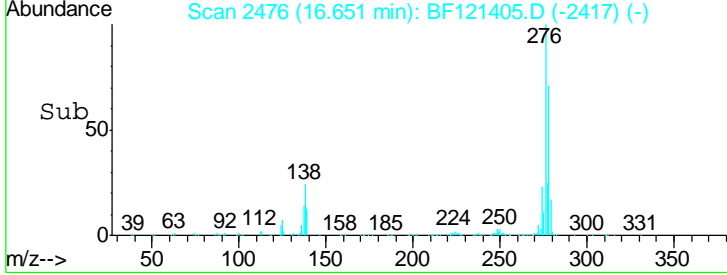
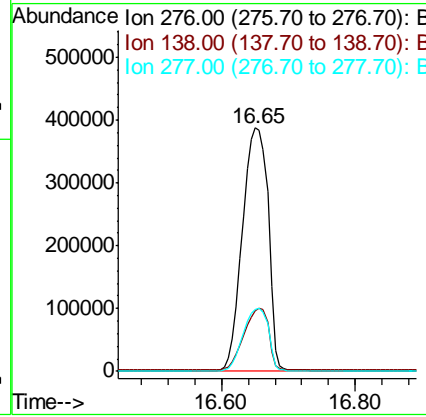
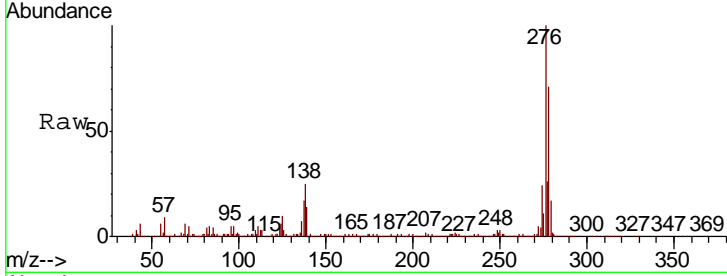


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.068 ng  
 RT: 16.65 min Scan# 2476  
 Delta R.T. 0.05 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

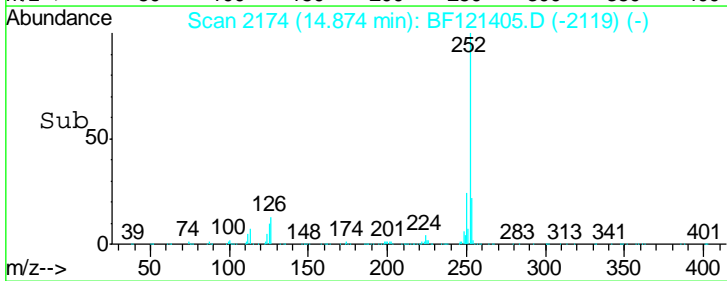
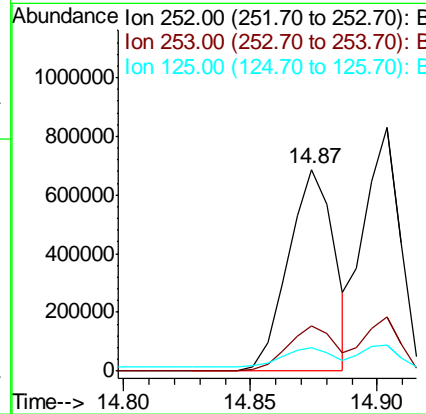
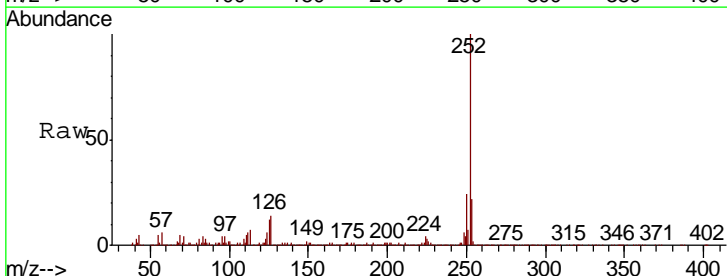
Tgt Ion	Resp	Lower	Upper
276	1031949		
276	100		
138	24.2	19.4	29.0
277	25.2	19.9	29.9

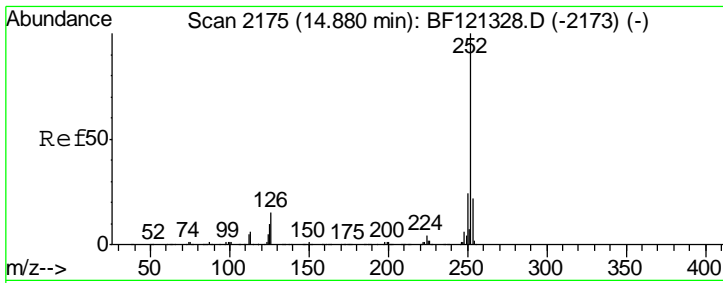
**Manual Integrations**  
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#88  
 Benzo(b)fluoranthene  
 Concen: 38.185 ng  
 RT: 14.87 min Scan# 2174  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
252	867618		
252	100		
253	22.4	18.0	27.0
125	11.8	8.6	12.8



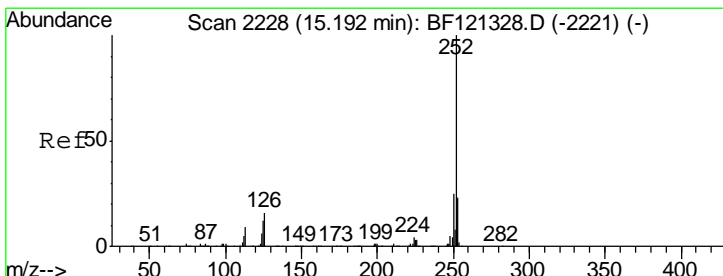
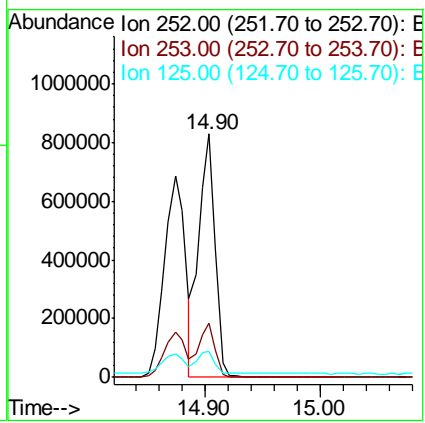
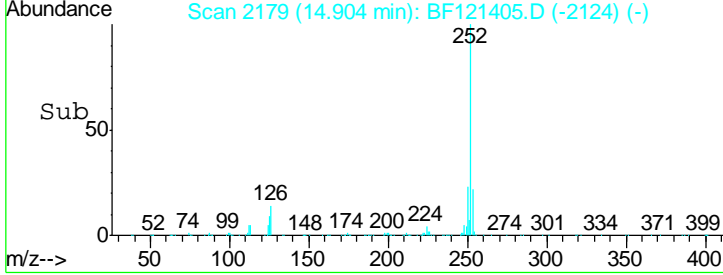
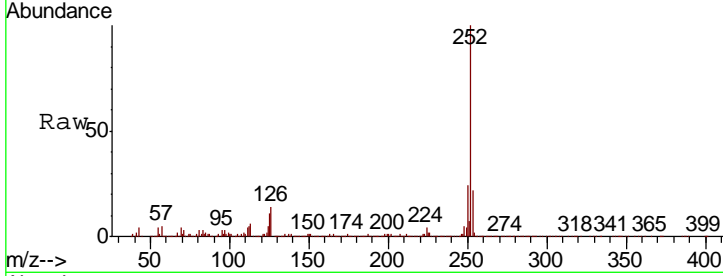


#89  
 Benzo(k)fluoranthene  
 Concen: 41.166 ng  
 RT: 14.90 min Scan# 2179  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

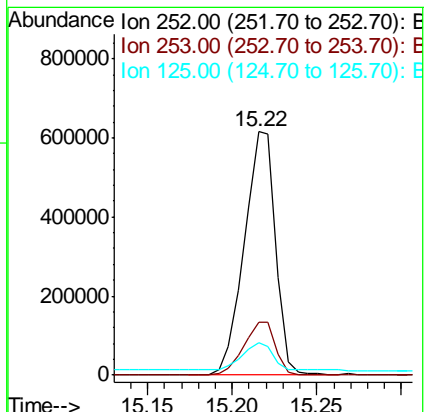
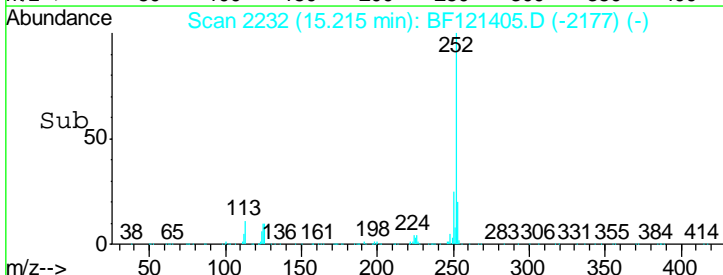
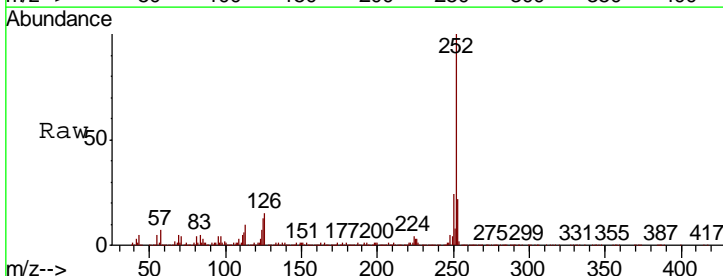
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.7	8.6	12.8

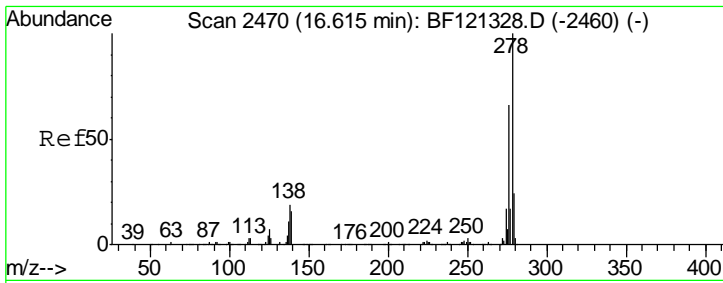
**Manual Integrations**  
**APPROVED**  
 mohammad  
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#90  
 Benzo(a)pyrene  
 Concen: 40.363 ng  
 RT: 15.22 min Scan# 2232  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.2	9.4	14.0





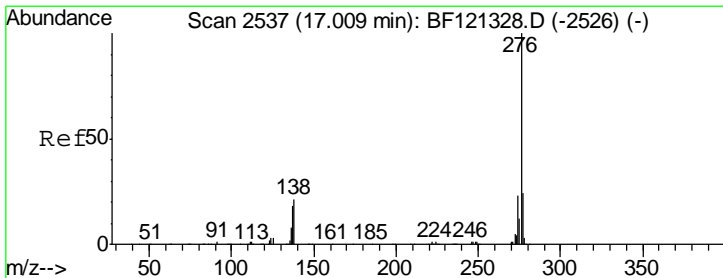
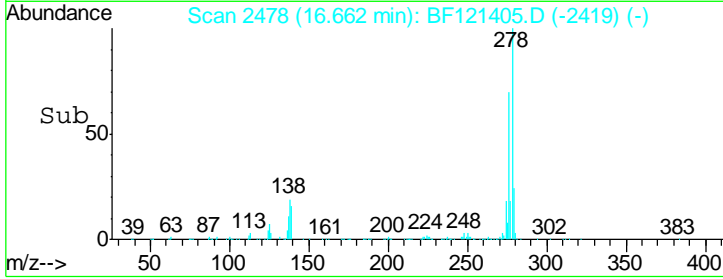
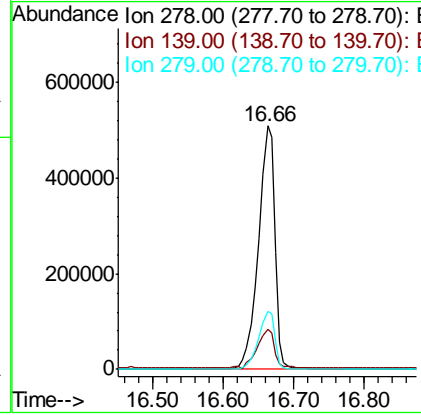
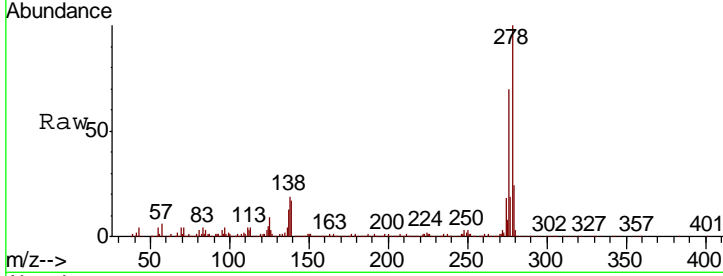
#91  
 Dibenzo(a,h)anthracene  
 Concen: 47.340 ng  
 RT: 16.66 min Scan# 2478  
 Delta R.T. 0.05 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 DRUM-COMPMS

Tgt Ion	Resp	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	23.8	19.4	29.2

**Manual Integrations**  
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#92  
 Benzo(g,h,i)perylene  
 Concen: 53.172 ng  
 RT: 17.07 min Scan# 2547  
 Delta R.T. 0.06 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion	Resp	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.4	16.8	25.2

