

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115326.D
 Acq On : 29 Jun 2019 16:40
 Operator : HP/JU
 Sample : K3160-11 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-062819-C

Manual Integrations
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 7/1/2019 5:59:20 PM

Quant Time: Jun 30 03:09:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	258665	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1023863	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	523610	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	1058378	20.00	ng	0.00
76) Chrysene-d12	13.72	240	708364	20.00	ng	0.00
87) Perylene-d12	15.10	264	475470	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	570956	34.06	ng	0.00
7) Phenol-d6	6.24	99	735300	36.14	ng	0.00
23) Nitrobenzene-d5	7.15	82	420840	25.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	221726	40.16	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	893443	28.98	ng	0.00
79) Terphenyl-d14	12.68	244	1019576	30.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	107	0.014	ng	# 55
3) Pyridine	2.80	79	112	0.005	ng	# 1
4) n-Nitrosodimethylamine	2.75	42	238	0.027	ng	# 1
6) Aniline	6.36	93	934	0.033	ng	# 1
9) Benzaldehyde	6.13	77	1055	0.079	ng	# 1
10) Phenol	6.24	94	4654	0.195	ng	# 14
11) bis(2-Chloroethyl)ether	6.36	93	934	0.053	ng	# 1
15) Benzyl Alcohol	6.75	79	8304	0.561	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.15	45	252	0.010	ng	# 1
17) 2-Methylphenol	7.03	107	125	0.008	ng	# 1
18) Hexachloroethane	7.10	117	138	0.018	ng	# 1
19) n-Nitroso-di-n-propylamine	6.97	70	1809	0.139	ng	# 74
20) 3+4-Methylphenols	7.03	107	125	0.007	ng	# 1
22) Acetophenone	7.00	105	2554	0.109	ng	# 72
24) Nitrobenzene	7.16	77	2846	0.155	ng	# 24
27) 2,4-Dimethylphenol	7.54	122	112	0.008	ng	# 1
28) bis(2-Chloroethoxy)methane	7.66	93	114	0.005	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	396	0.026	ng	# 18
31) Naphthalene	7.90	128	14027	0.279	ng	# 97
32) Benzoic acid	7.60	122	109	0.010	ng	# 73
33) 4-Chloroaniline	7.94	127	119	0.005	ng	# 1
35) Caprolactam	8.32	113	1199	0.233	ng	# 1
36) 4-Chloro-3-methylphenol	8.41	107	600	0.039	ng	# 5
37) 2-Methylnaphthalene	8.59	142	11739	0.346	ng	# 96
38) 1-Methylnaphthalene	8.69	142	11500	0.355	ng	# 98
46) 1,1'-Biphenyl	9.05	154	4399	0.105	ng	# 97
47) 2-Chloronaphthalene	9.25	162	1056	0.031	ng	# 92
48) 2-Nitroaniline	9.18	65	179	0.018	ng	# 57
49) Acenaphthylene	9.48	152	112081	2.117	ng	# 98
50) Dimethylphthalate	9.35	163	172224	4.471	ng	# 99
51) 2,6-Dinitrotoluene	9.35	165	2385	0.268	ng	# 21
52) Acenaphthene	9.66	154	14217	0.429	ng	# 98
53) 3-Nitroaniline	9.58	138	778	0.072	ng	# 41
55) Dibenzofuran	9.83	168	12874	0.271	ng	# 79

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Manual Integrations
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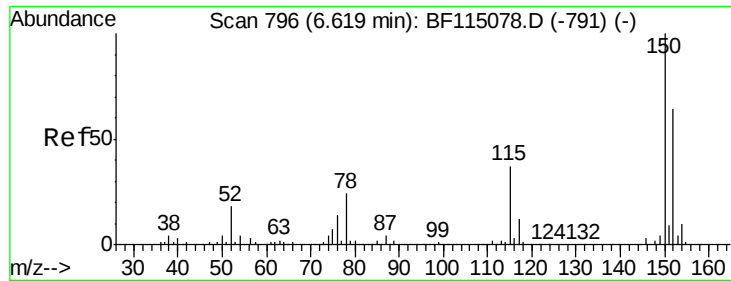
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Quant Time: Jun 30 03:09:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 4-Nitrophenol	9.73	139	2014	0.231	ng	# 13
57) 2,4-Dinitrotoluene	9.94	165	2651	0.231	ng	# 61
60) Diethylphthalate	10.05	149	1138	0.029	ng	# 33
62) 4-Nitroaniline	10.08	138	860	0.079	ng	# 87
63) Azobenzene	10.32	77	1299	0.036	ng	# 1
66) n-Nitrosodiphenylamine	10.29	169	8910	0.270	ng	# 52
67) 4-Bromophenyl-phenylether	10.41	248	13495	1.176	ng	# 1
69) Atrazine	10.84	200	818	0.077	ng	# 1
71) Phenanthrene	11.12	178	394436	6.922	ng	# 97
72) Anthracene	11.17	178	125920	2.189	ng	# 98
73) Carbazole	11.32	167	18971	0.369	ng	# 89
74) Di-n-butylphthalate	11.68	149	2287	0.039	ng	# 28
75) Fluoranthene	12.31	202	1150112	20.229	ng	# 98
77) Benzidine	12.41	184	1697	0.054	ng	# 1
78) Pyrene	12.53	202	1202884	22.096	ng	# 99
80) Butylbenzylphthalate	13.17	149	1883	0.078	ng	# 12
81) Benzo(a)anthracene	13.71	228	639992	12.591	ng	# 93
82) 3,3'-Dichlorobenzidine	13.69	252	3186	0.174	ng	# 54
83) Chrysene	13.75	228	598435m	12.853	ng	# 40
84) Bis(2-ethylhexyl)phthalate	13.74	149	4058	0.129	ng	# 79
85) Di-n-octyl phthalate	14.35	149	3379	0.064	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.38	276	234029	4.248	ng	# 93
88) Benzo(b)fluoranthene	14.72	252	540380m	18.214	ng	# 60
89) Benzo(k)fluoranthene	14.74	252	188099m	7.070	ng	# 94
90) Benzo(a)pyrene	15.04	252	367293	13.736	ng	# 93
91) Dibenzo(a,h)anthracene	16.38	278	62425	2.501	ng	# 60
92) Benzo(g,h,i)perylene	16.76	276	223710	8.854	ng	# 94

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



#1

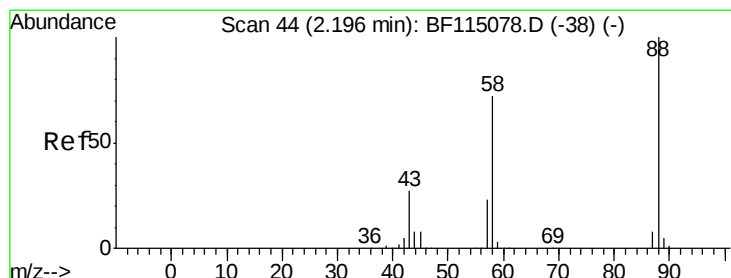
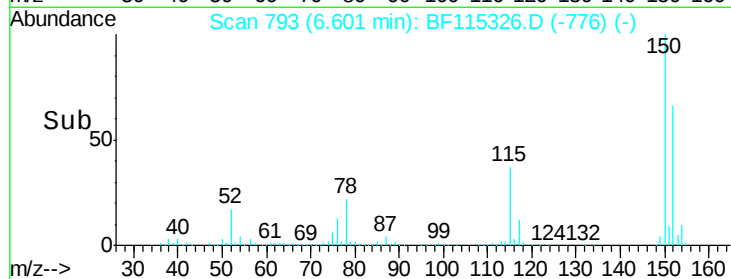
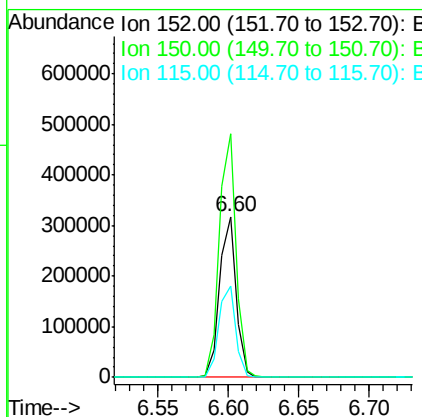
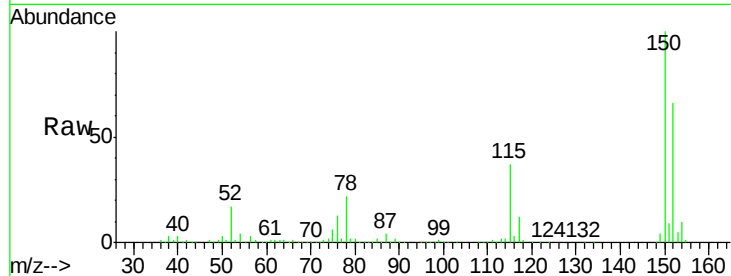
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.2
115	56.9	46.1	69.1

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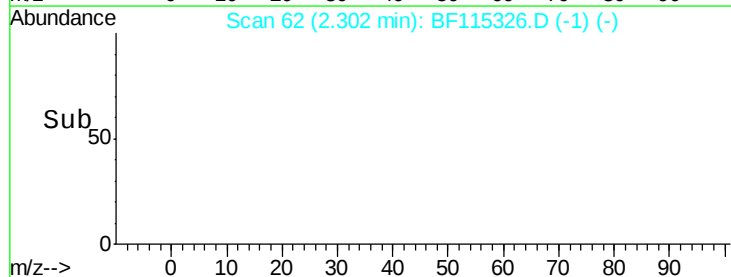
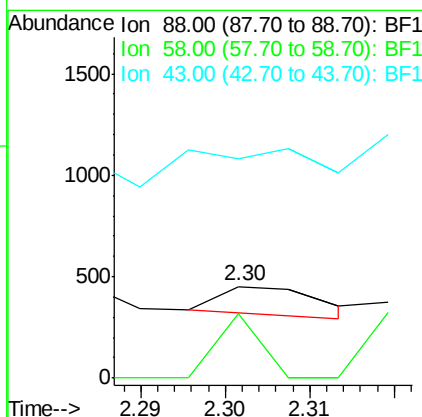
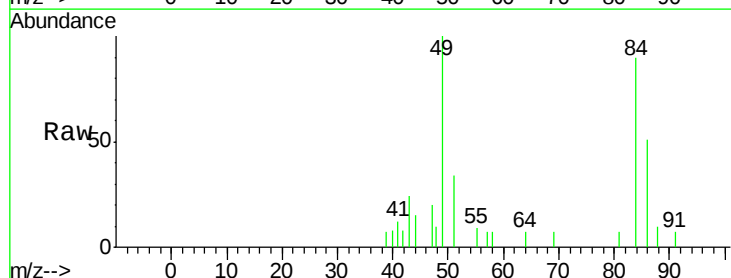
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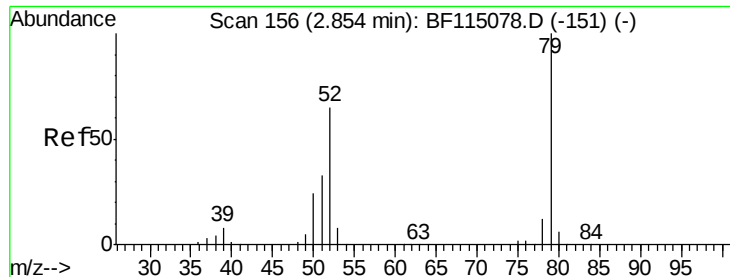


#2

1,4-Dioxane
Concen: 0.014 ng
RT: 2.30 min Scan# 62
Delta R.T. 0.15 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.7	56.1	84.1#
43	0.0	21.3	31.9#





#3

Pyridine

Concen: 0.005 ng

RT: 2.80 min Scan# 147

Delta R.T. 0.00 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

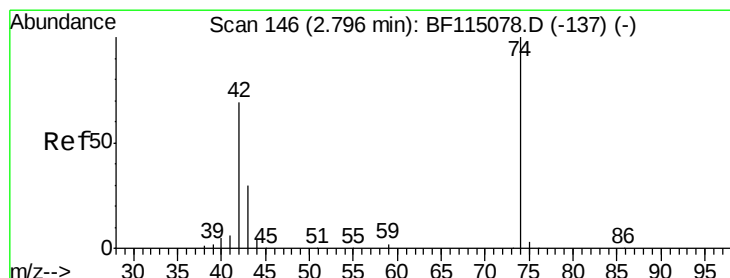
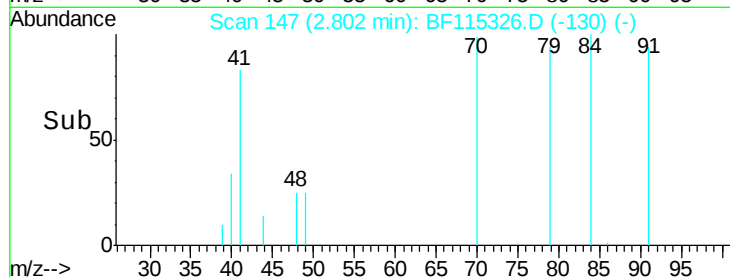
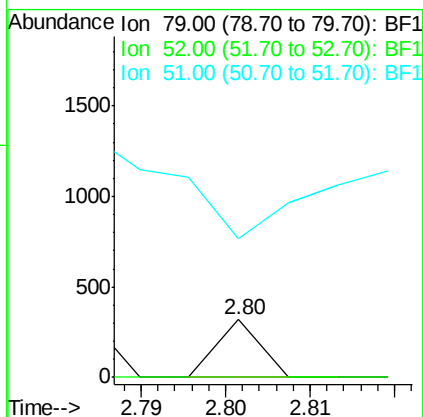
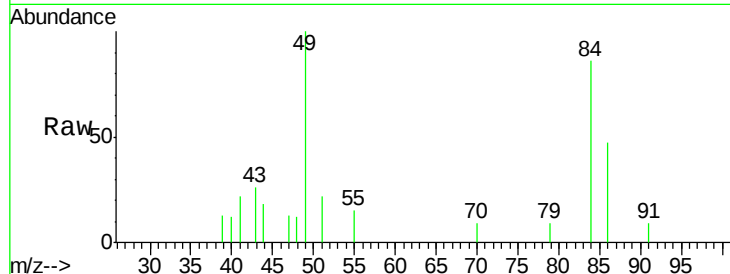
ClientSampleId :

EO-01-062819-C

Tgt Ion:	79	Resp:	112
Ion Ratio	Lower	Upper	
79	100		
52	0.0	52.3	78.5#
51	241.8	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 0.027 ng

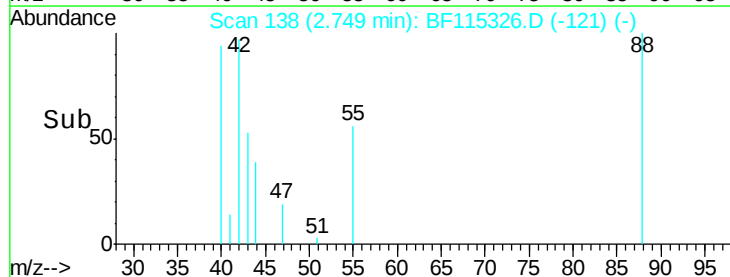
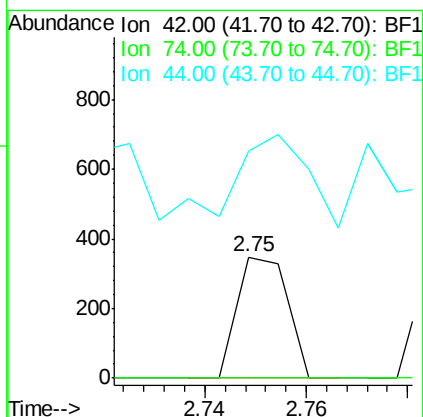
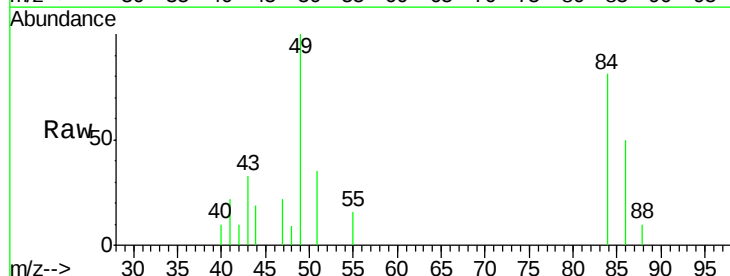
RT: 2.75 min Scan# 138

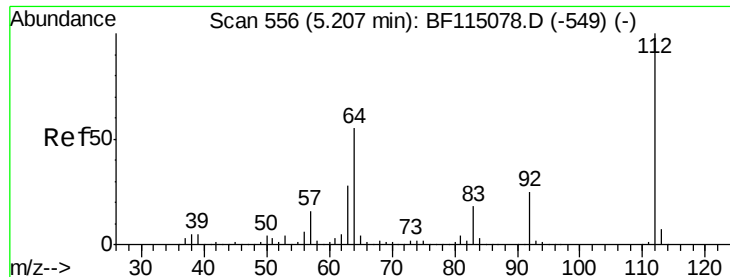
Delta R.T. 0.00 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:	42	Resp:	238
Ion Ratio	Lower	Upper	
42	100		
74	0.0	116.6	175.0#
44	187.9	5.3	7.9#





#5

2-Fluorophenol

Concen: 34.063 ng

RT: 5.18 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

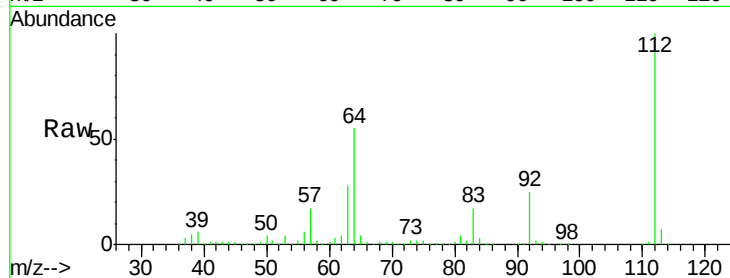
ClientSampleId :

EO-01-062819-C

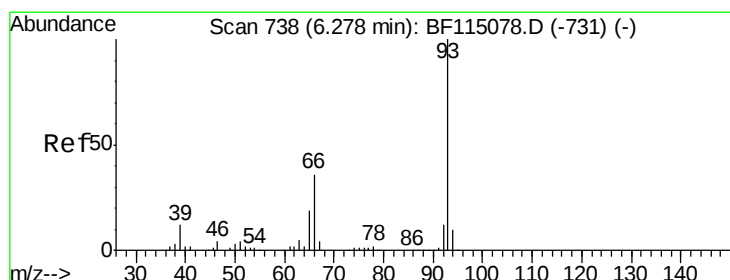
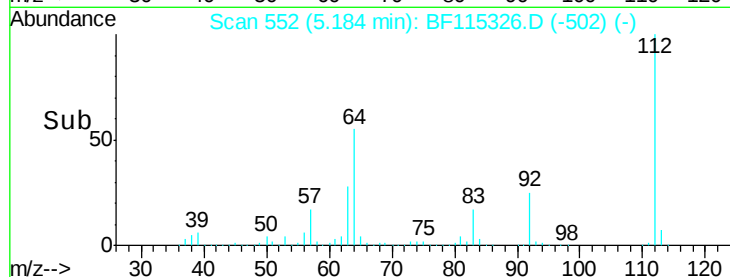
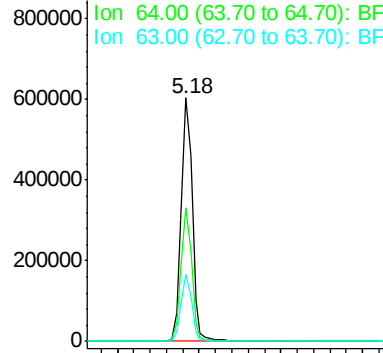
Tgt Ion:	112	Resp:	570956
Ion Ratio	Lower	Upper	
112	100		
64	54.8	43.8	65.6
63	27.7	22.2	33.4

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Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)



#6

Aniline

Concen: 0.033 ng

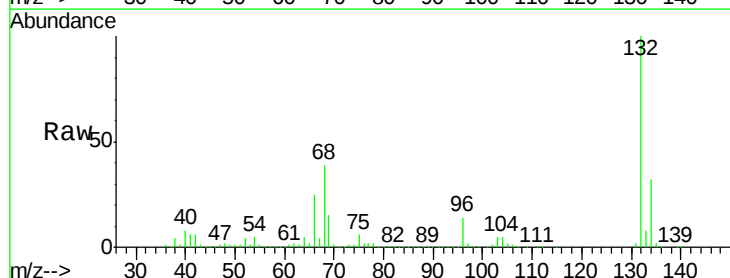
RT: 6.36 min Scan# 752

Delta R.T. 0.10 min

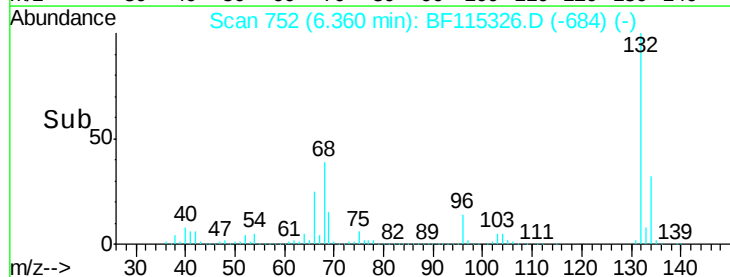
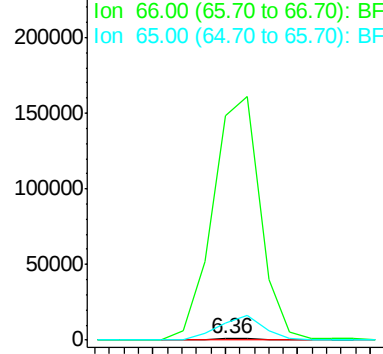
Lab File: BF115326.D

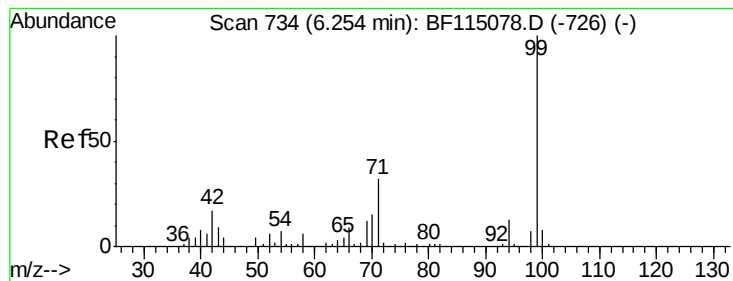
Acq: 29 Jun 2019 16:40

Tgt Ion:	93	Resp:	934
Ion Ratio	Lower	Upper	
93	100		
66	14272.2	30.0	45.0#
65	1059.4	15.6	23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)





#7

Phenol-d6

Concen: 36.142 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

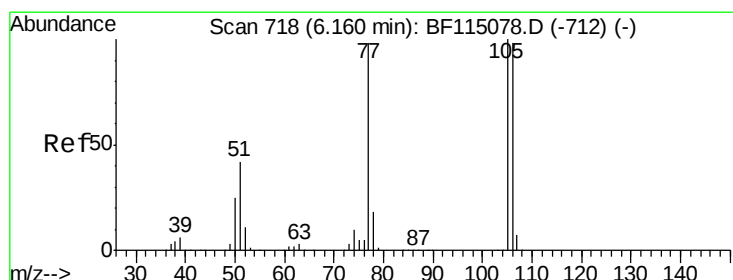
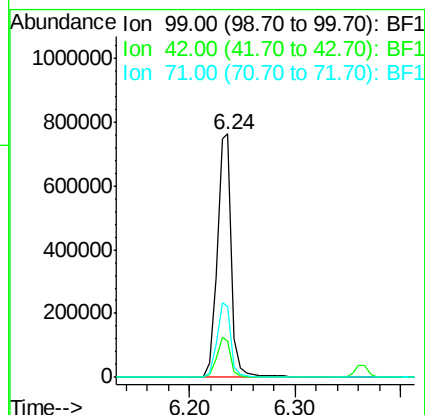
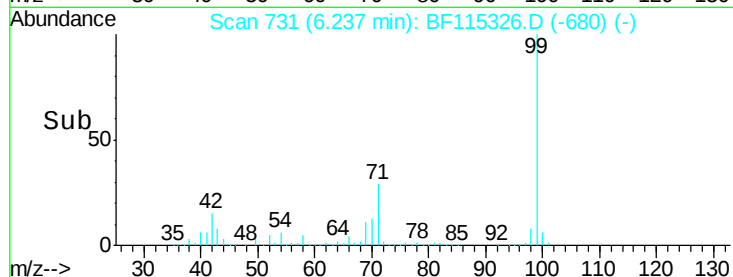
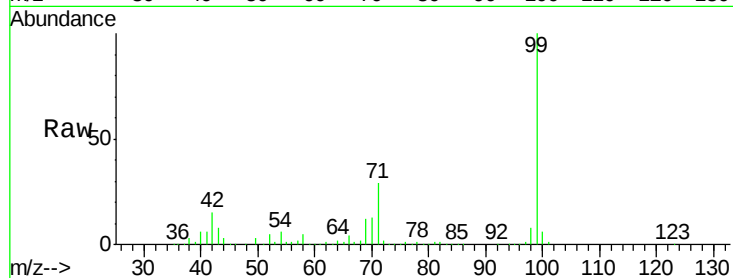
ClientSampleId :

EO-01-062819-C

Tgt Ion:	99	Resp:	735300
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.6	20.4
71	29.1	25.5	38.3

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#9

Benzaldehyde

Concen: 0.079 ng

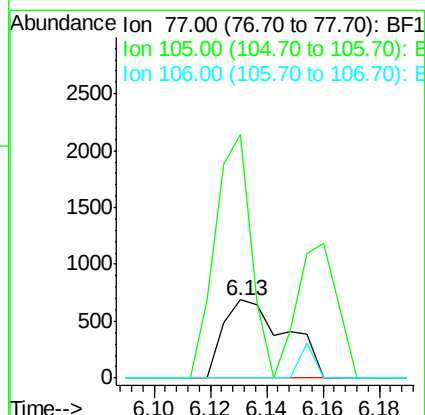
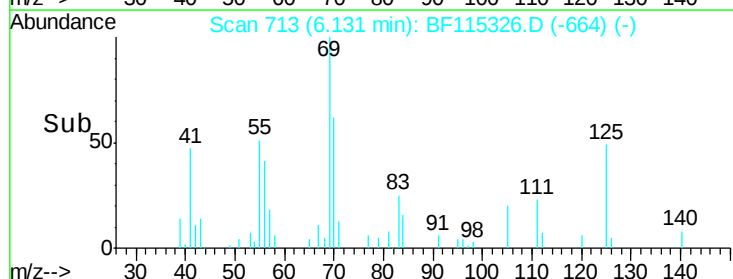
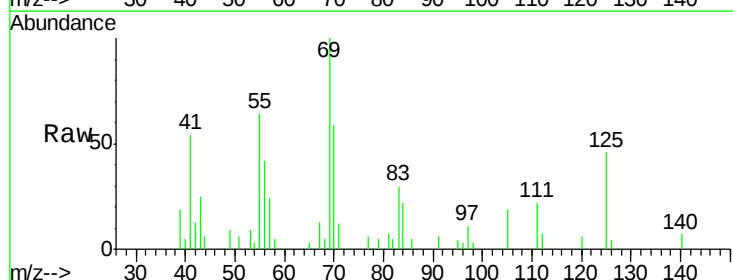
RT: 6.13 min Scan# 713

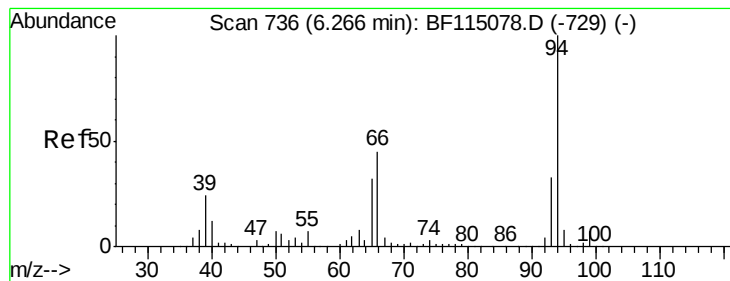
Delta R.T. -0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:	77	Resp:	1055
Ion	Ratio	Lower	Upper
77	100		
105	311.6	81.5	121.5#
106	0.0	79.7	119.7#





#10

Phenol

Concen: 0.195 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

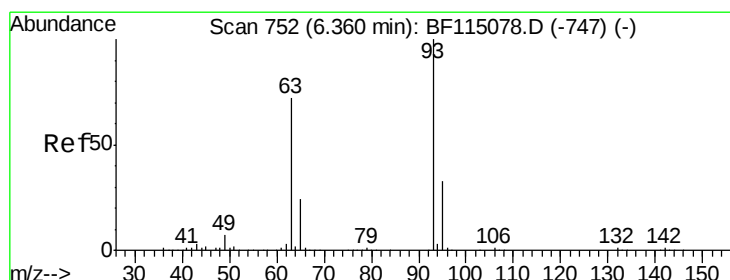
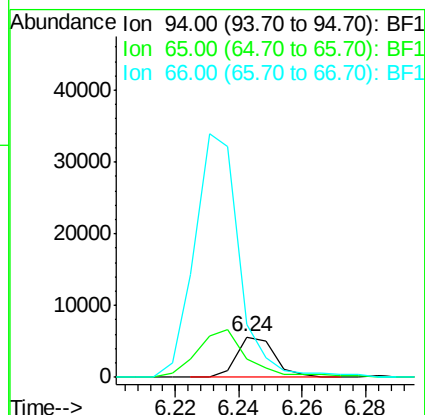
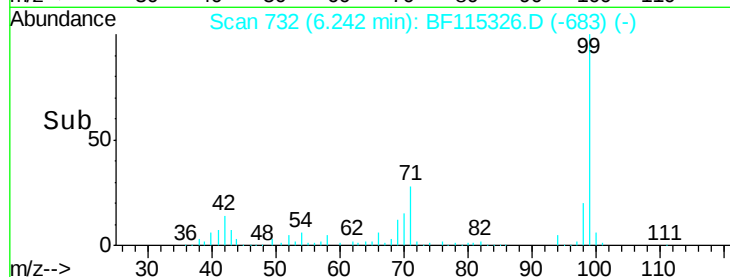
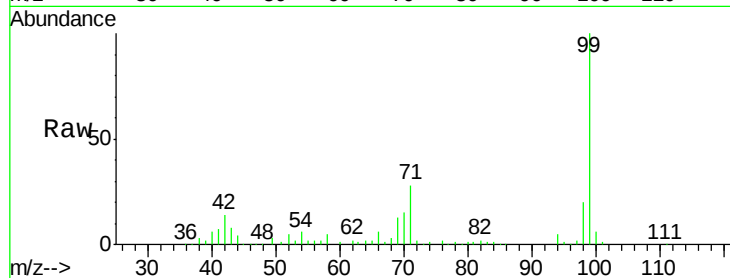
ClientSampleId :

EO-01-062819-C

Tgt Ion:	94	Resp:	4654
Ion Ratio	Lower	Upper	
94	100		
65	44.1	11.9	51.9
66	131.3	25.2	65.2#

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#11

bis(2-Chloroethyl)ether

Concen: 0.053 ng

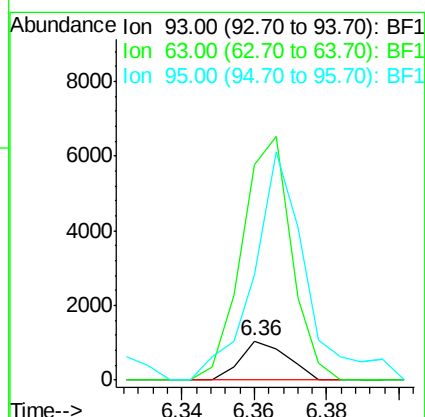
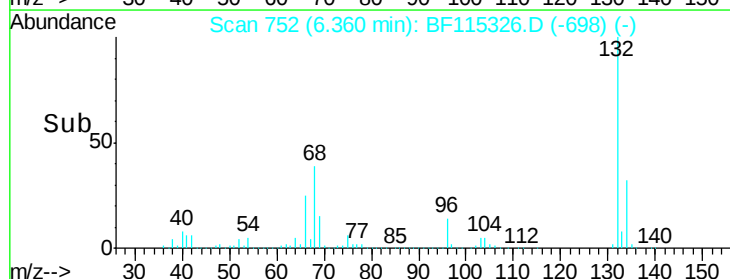
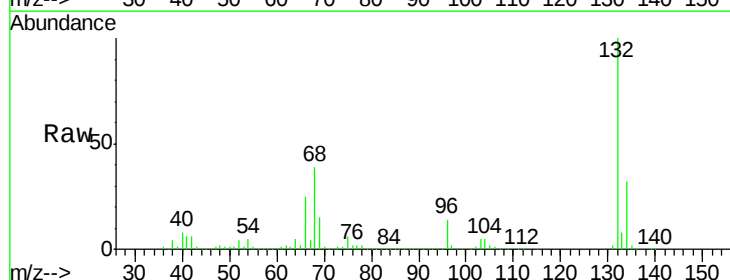
RT: 6.36 min Scan# 752

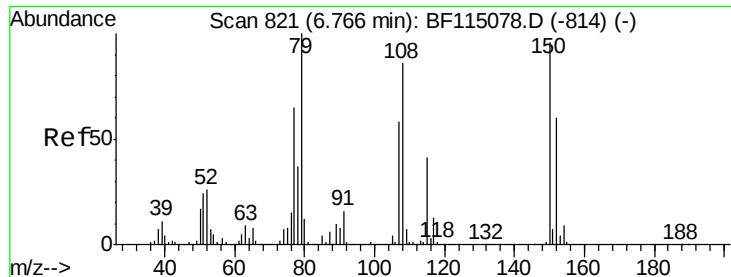
Delta R.T. 0.02 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:	93	Resp:	934
Ion Ratio	Lower	Upper	
93	100		
63	555.7	51.5	91.5#
95	270.8	13.4	53.4#





#15

Benzyl Alcohol

Concen: 0.561 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

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BNA_F

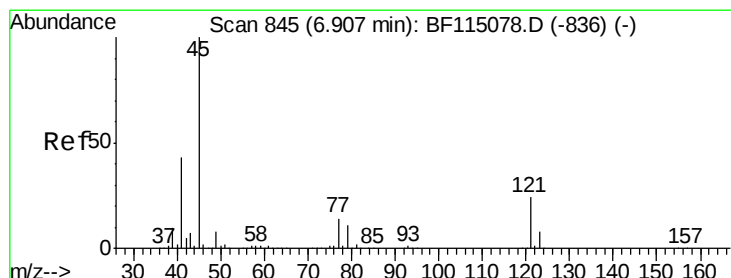
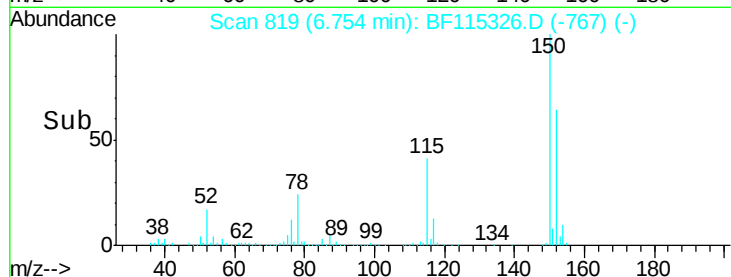
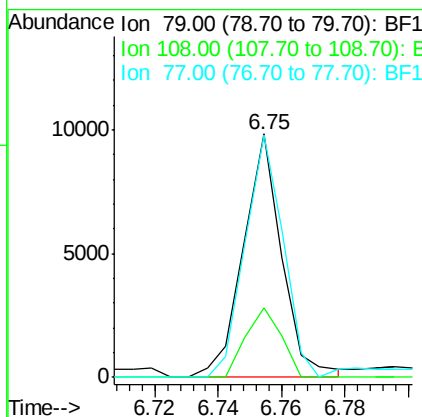
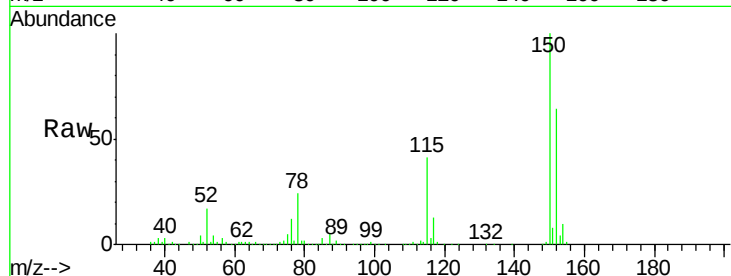
ClientSampleId :

EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
79	100		
108	28.5	68.7	103.1#
77	99.7	51.7	77.5#

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#16

2,2'-oxybis(1-chloropropane)

Concen: 0.010 ng

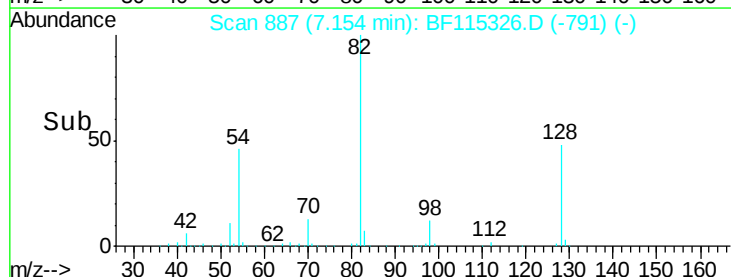
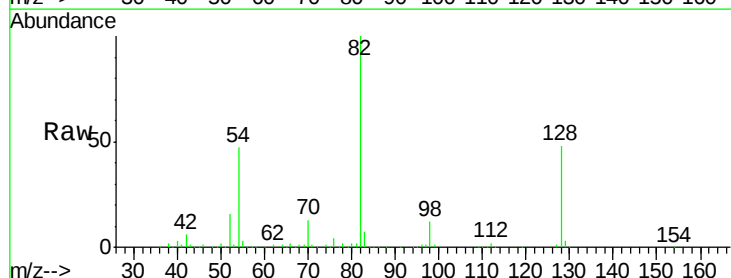
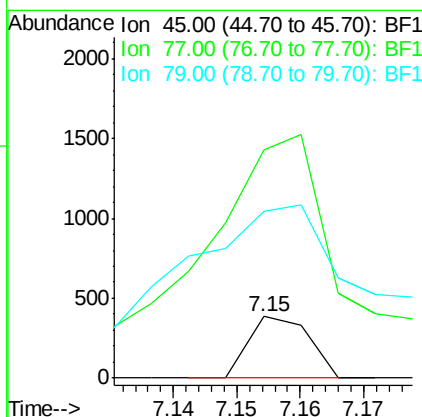
RT: 7.15 min Scan# 887

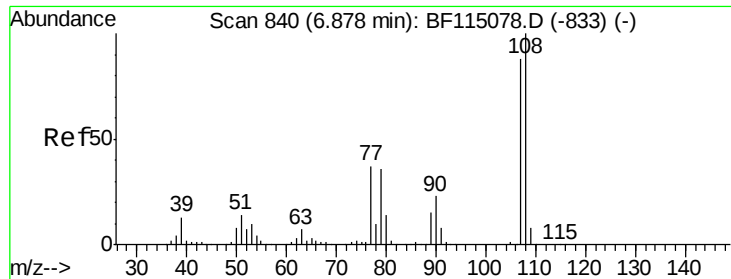
Delta R.T. 0.26 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	371.7	0.0	34.6#
79	271.4	0.0	31.2#





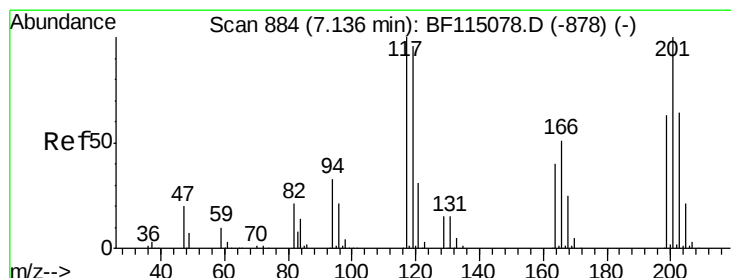
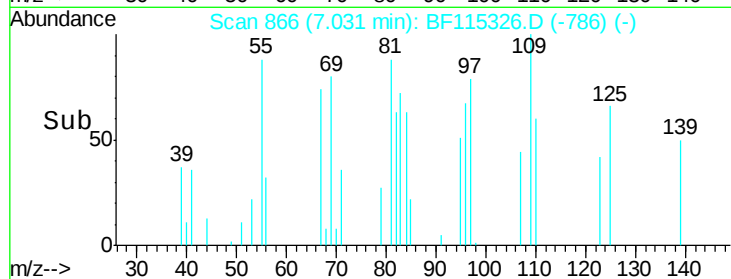
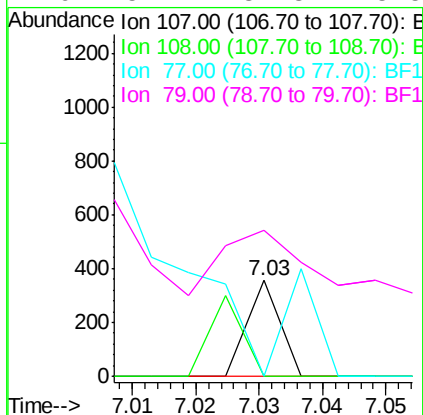
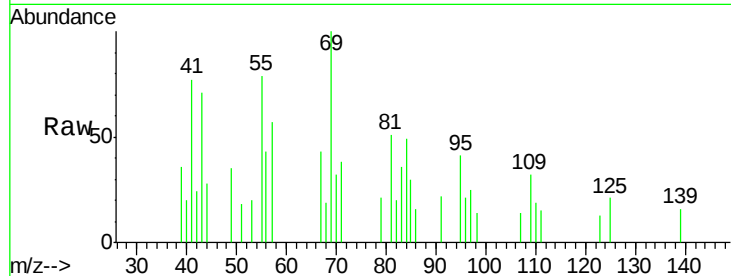
#17
2-Methylphenol
Concen: 0.008 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.17 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	90.9	136.3#
77	0.0	33.4	50.2#
79	152.4	32.3	48.5#

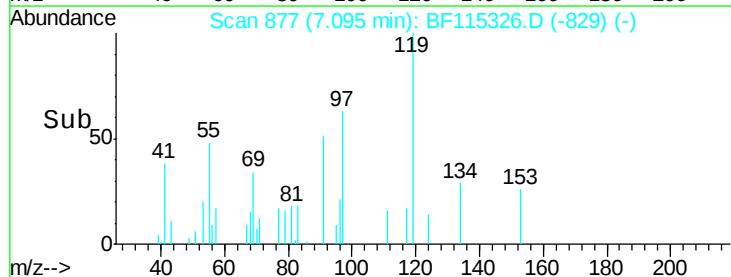
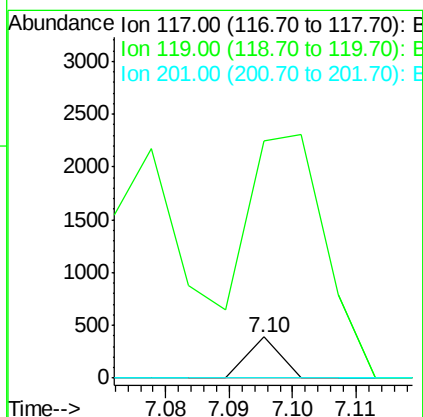
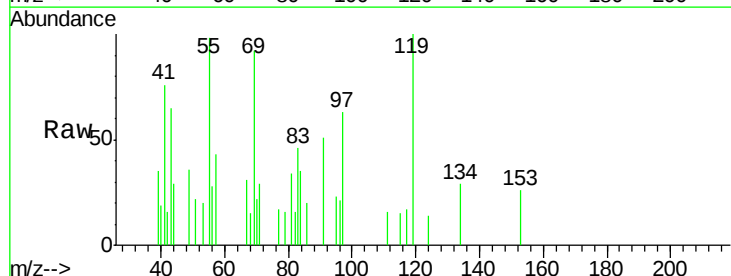
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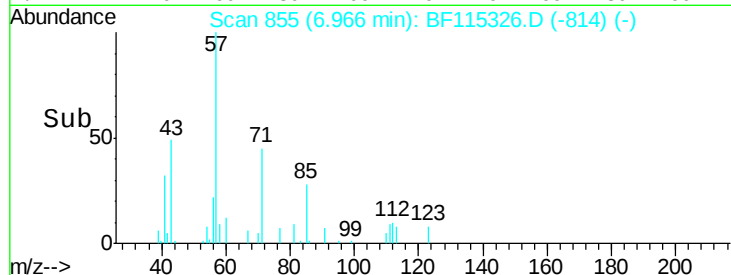
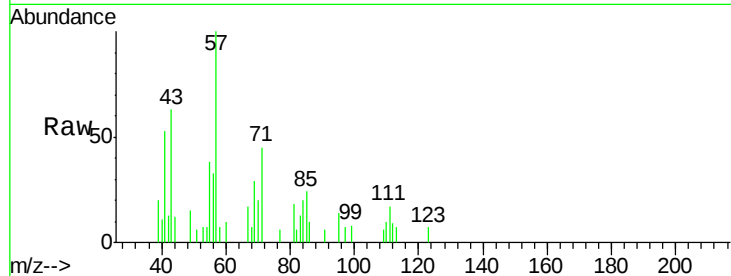
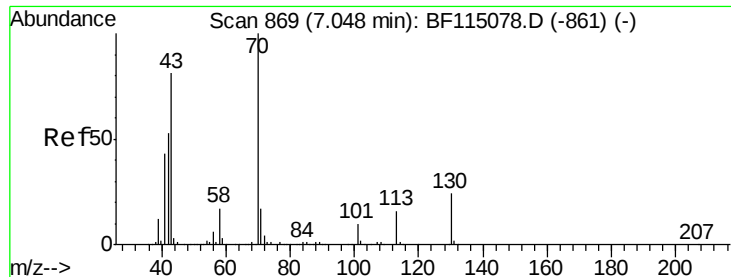
mohammad
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#18
Hexachloroethane
Concen: 0.018 ng
RT: 7.10 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	574.6	76.6	114.8#
201	0.0	80.2	120.2#





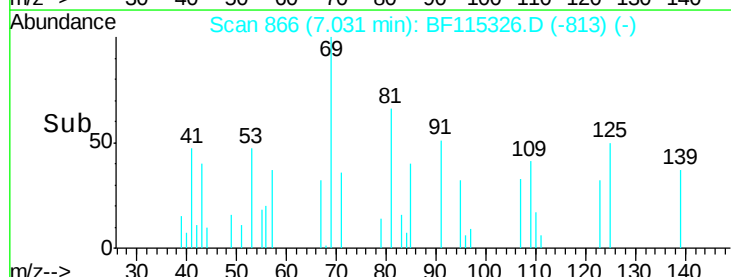
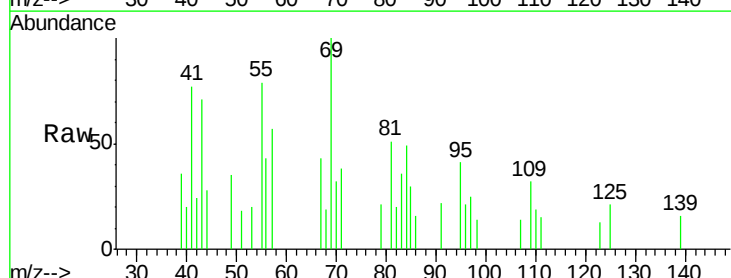
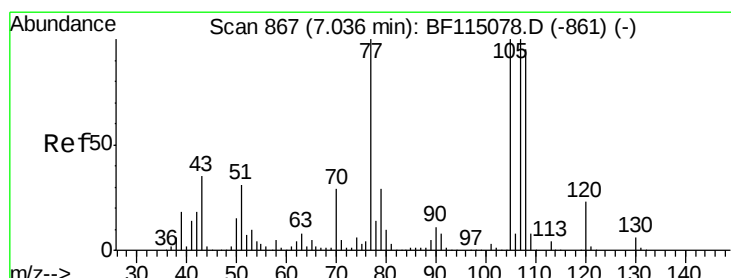
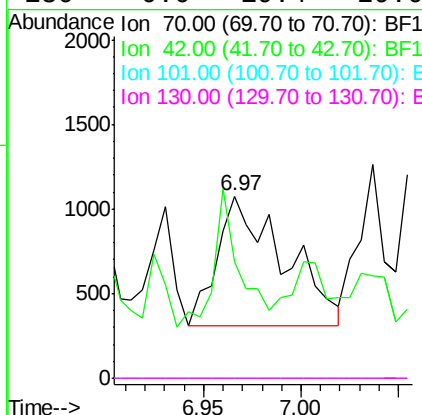
#19
n-Nitroso-di-n-propylamine
Concen: 0.139 ng
RT: 6.97 min Scan# 855
Delta R.T. -0.06 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.9	42.6	63.8#
101	0.0	8.0	12.0#
130	0.0	19.4	29.0#

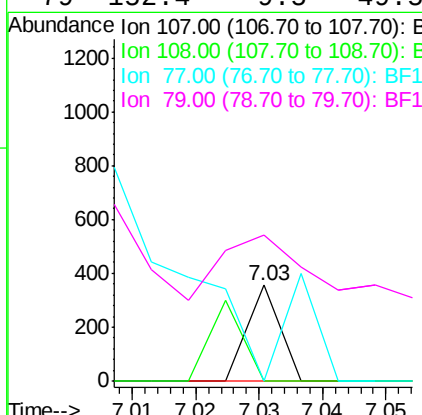
Manual Integrations
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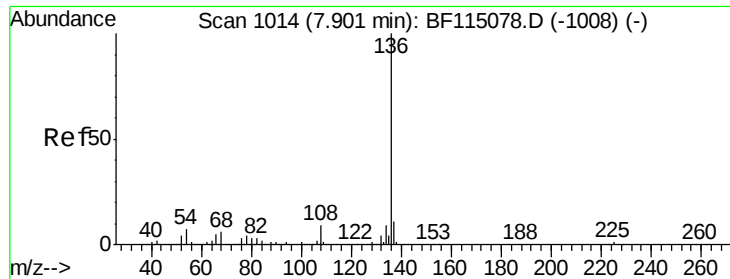
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#20
3+4-Methylphenols
Concen: 0.007 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	75.5	115.5#
77	0.0	80.2	120.2#
79	152.4	9.5	49.5#





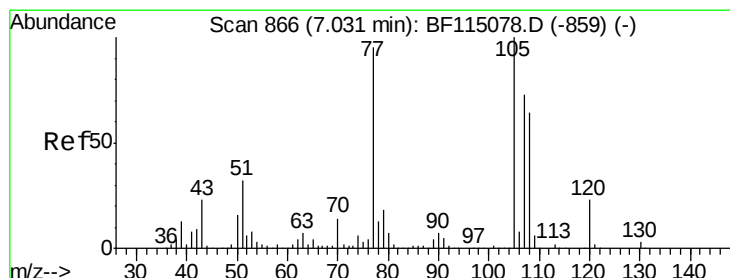
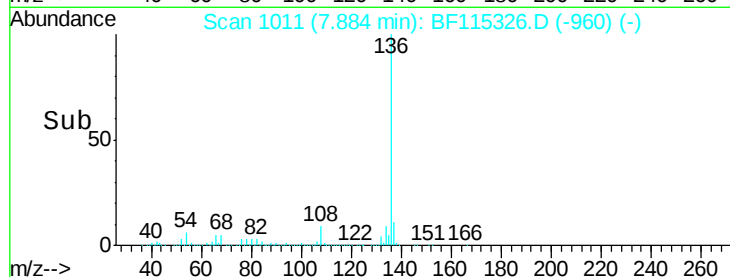
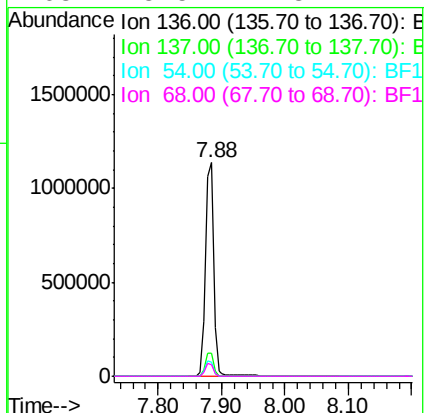
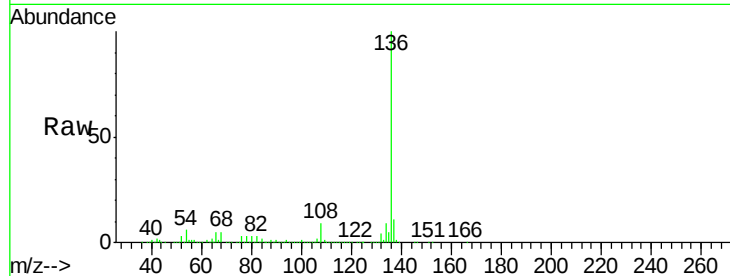
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	5.6	8.4
68	5.5	4.8	7.2

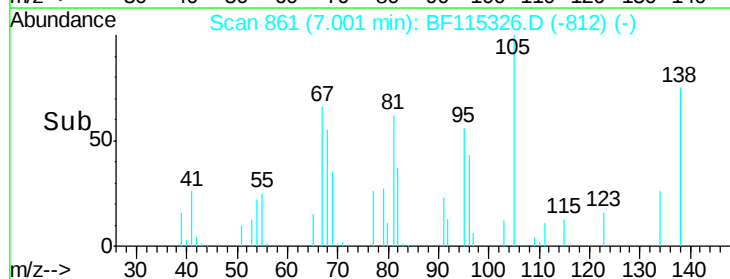
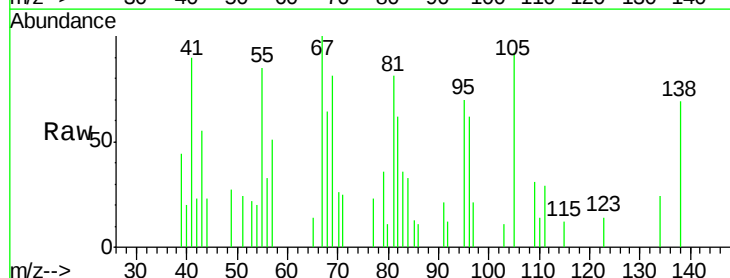
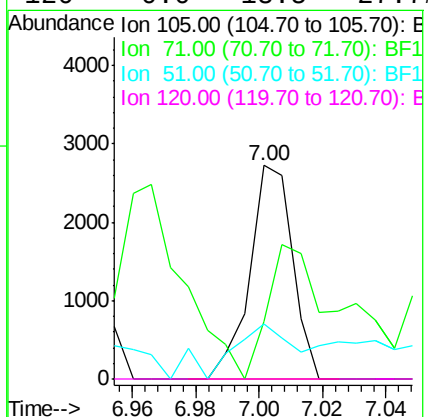
Manual Integrations
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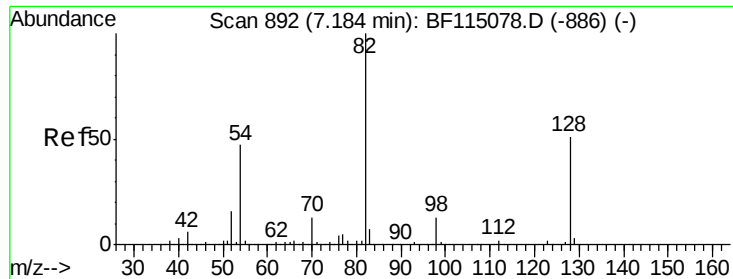
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#22
Acetophenone
Concen: 0.109 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
105	100		
71	26.9	1.9	2.9#
51	26.0	25.8	38.8
120	0.0	18.5	27.7#





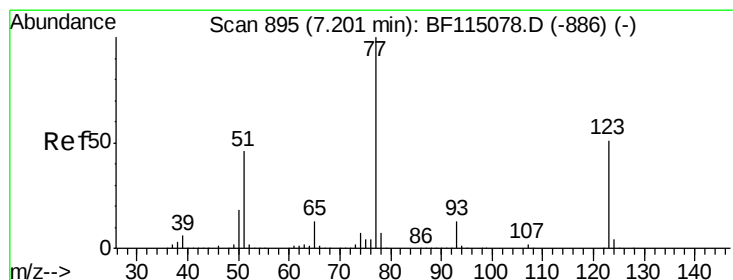
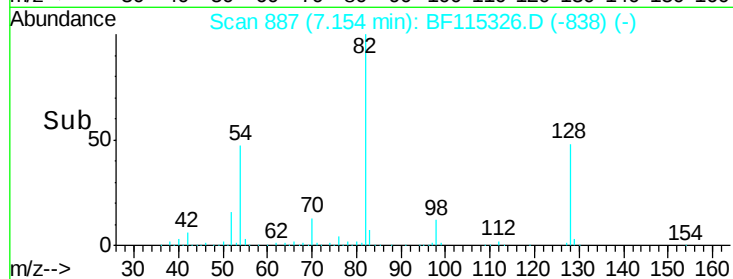
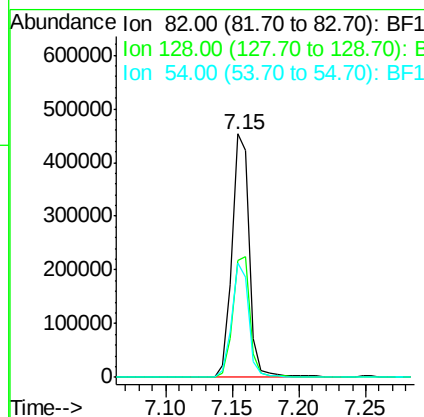
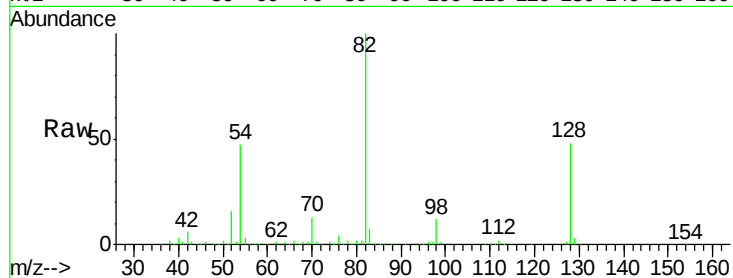
#23
Nitrobenzene-d5
Concen: 25.285 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.4	60.6
54	47.2	37.5	56.3

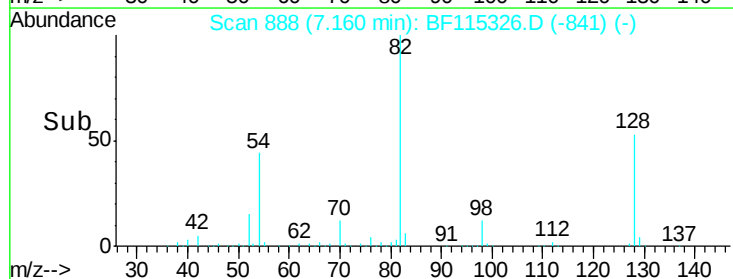
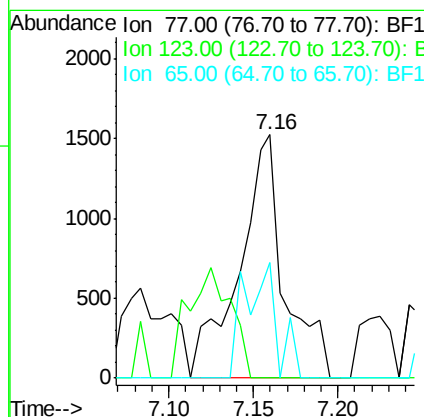
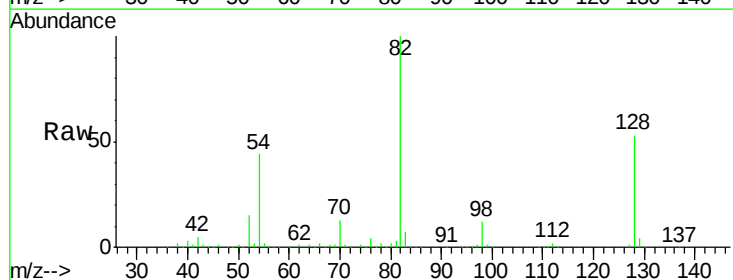
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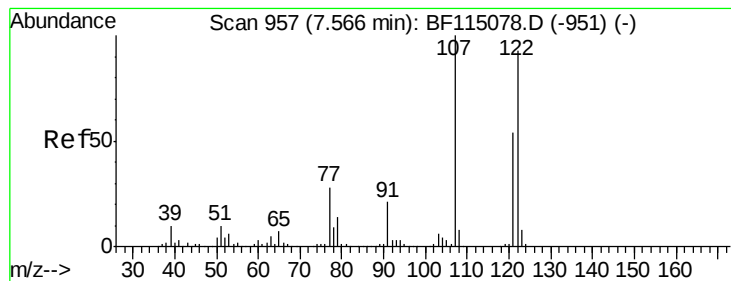
mohammad
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#24
Nitrobenzene
Concen: 0.155 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	41.0	61.6#
65	47.5	10.5	15.7#





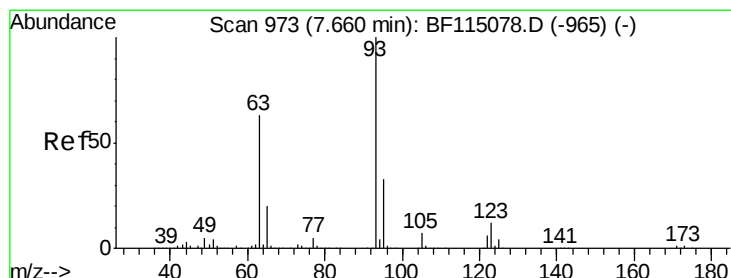
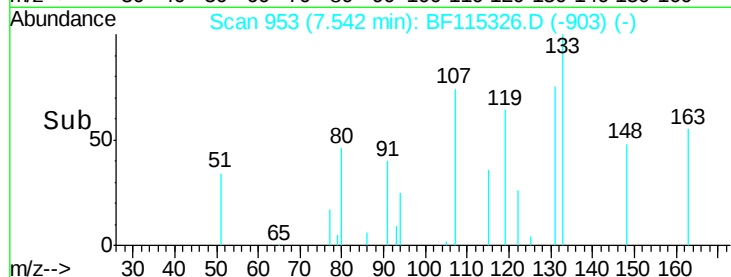
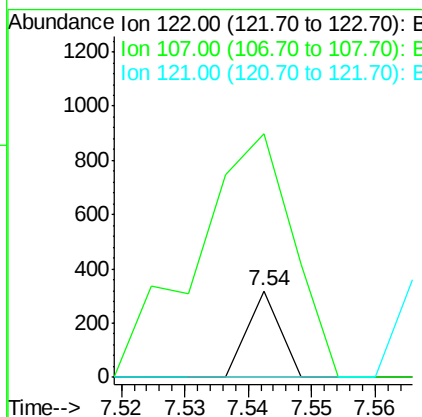
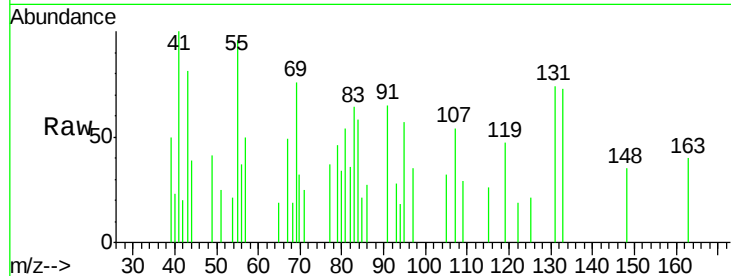
#27
2,4-Dimethylphenol
Concen: 0.008 ng
RT: 7.54 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
122	100		
107	282.4	85.8	128.6#
121	0.0	46.3	69.5#

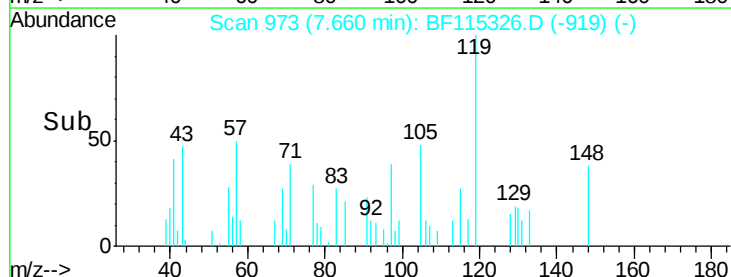
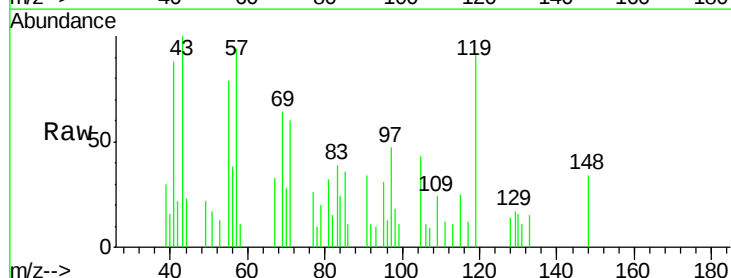
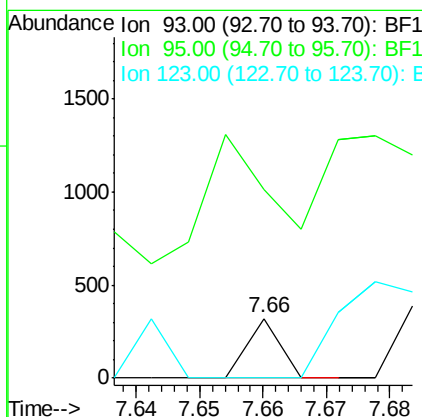
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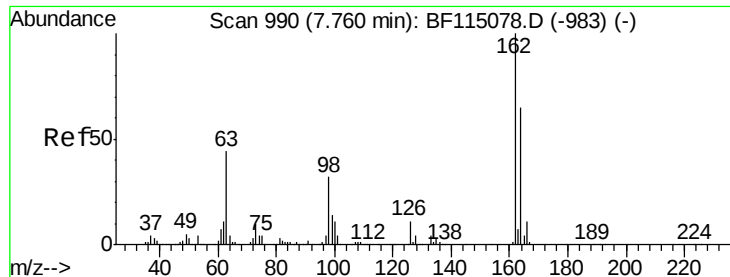
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	314.6	26.2	39.4#
123	0.0	9.7	14.5#





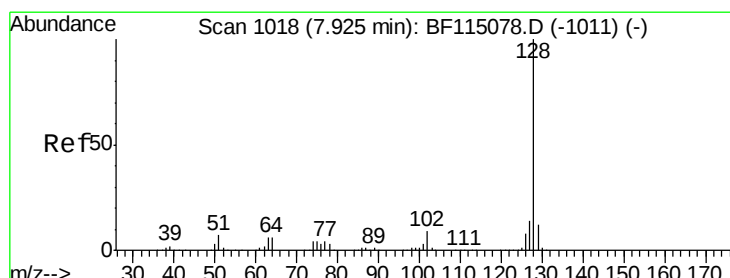
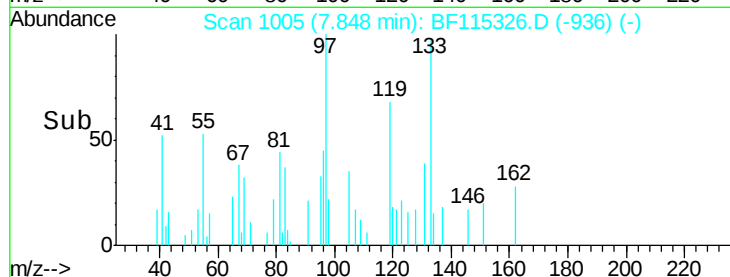
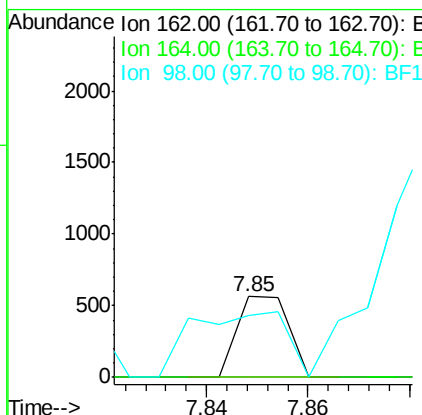
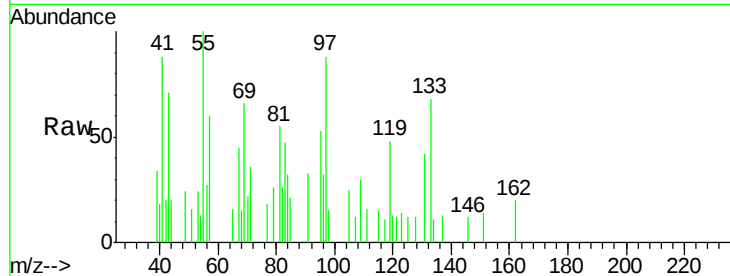
#29
2,4-Dichlorophenol
Concen: 0.026 ng
RT: 7.85 min Scan# 1005
Delta R.T. 0.11 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	0.0	45.3	85.3#
98	77.0	12.5	52.5#

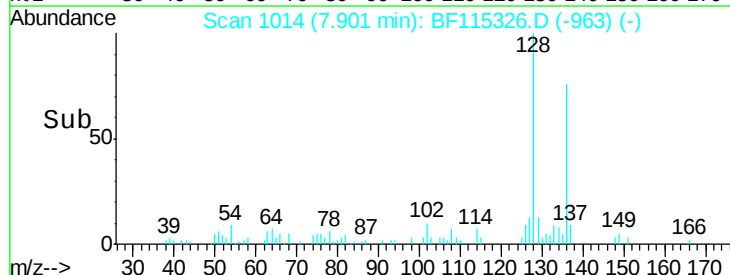
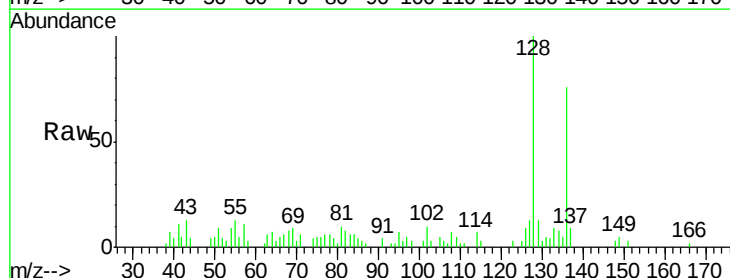
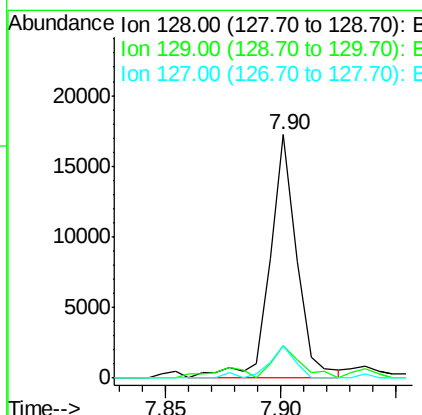
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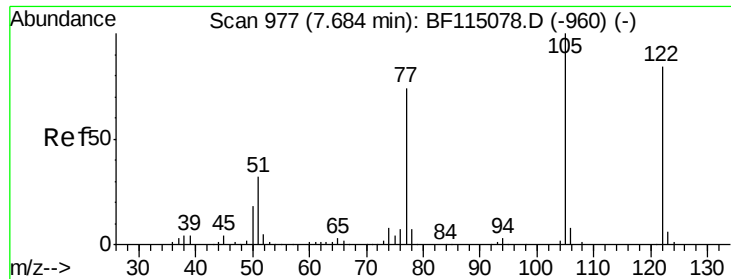
mohammad
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#31
Naphthalene
Concen: 0.279 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	13.2	9.6	14.4
127	13.4	11.4	17.0





#32

Benzoic acid

Concen: 0.010 ng

RT: 7.60 min Scan# 963

Delta R.T. -0.06 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

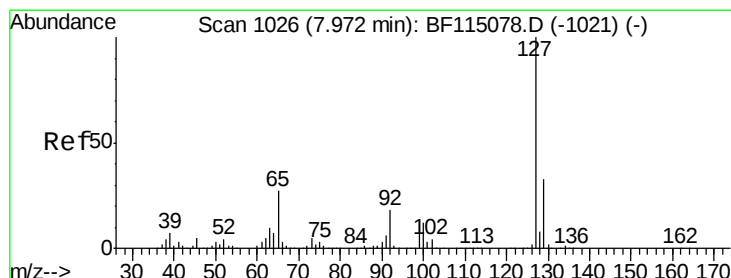
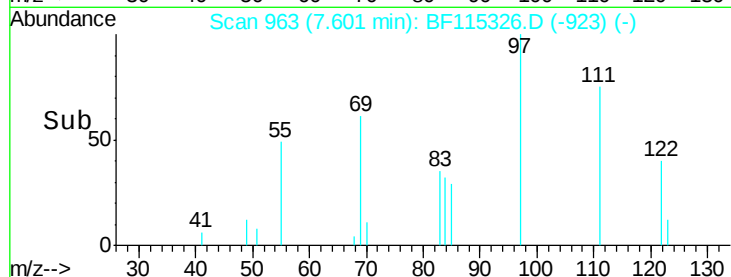
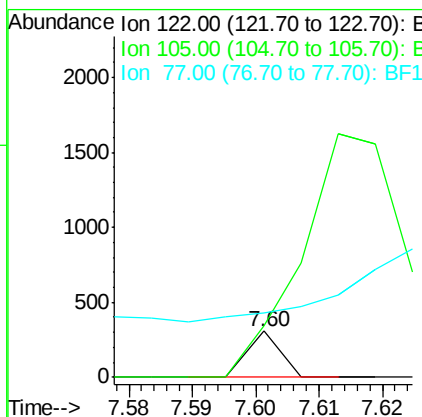
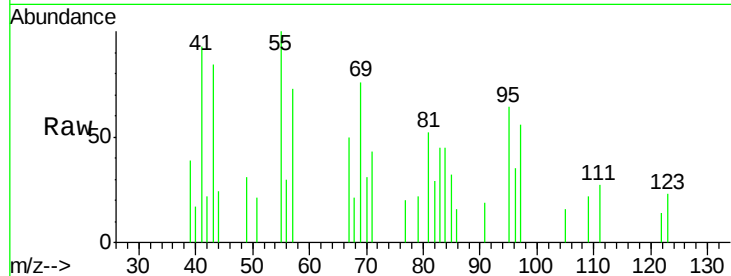
ClientSampleId :

EO-01-062819-C

Tgt Ion:	122	Resp:	109
Ion Ratio	Lower	Upper	
122	100		
105	112.0	98.2	138.2
77	139.0	67.0	107.0#

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#33

4-Chloroaniline

Concen: 0.005 ng

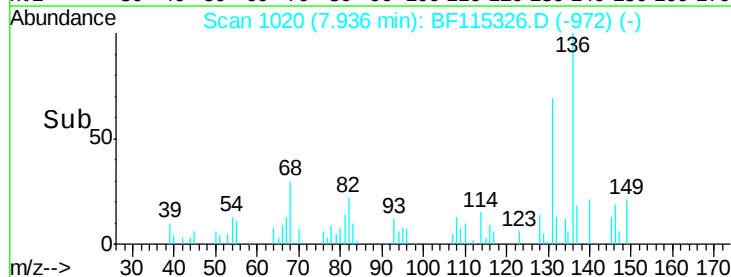
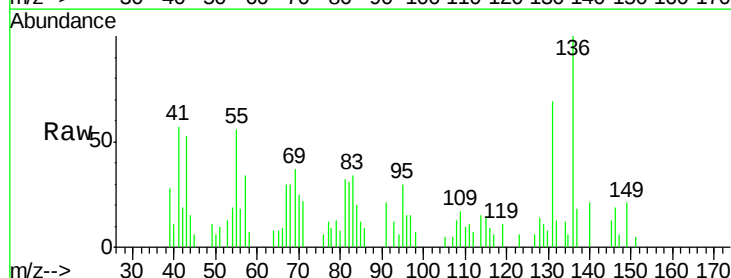
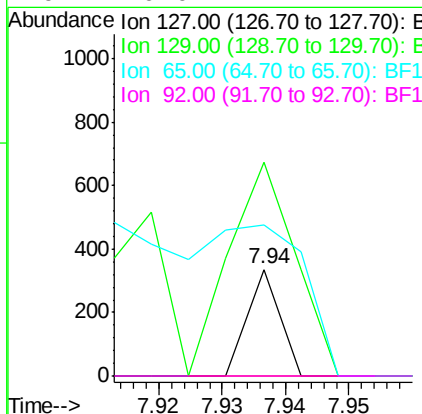
RT: 7.94 min Scan# 1020

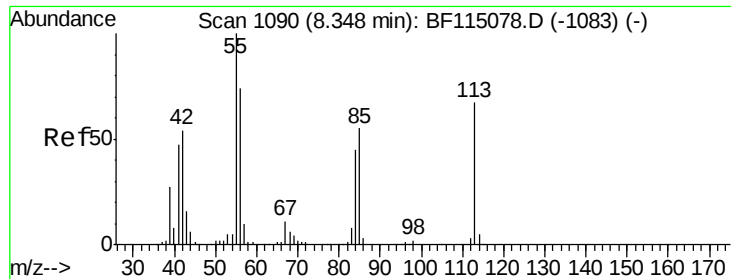
Delta R.T. -0.02 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:	127	Resp:	119
Ion Ratio	Lower	Upper	
127	100		
129	199.7	26.1	39.1#
65	140.9	21.4	32.2#
92	0.0	14.1	21.1#





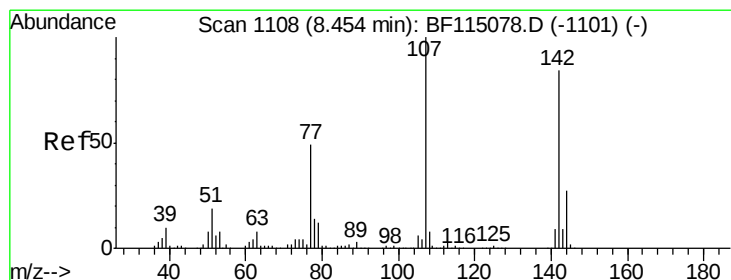
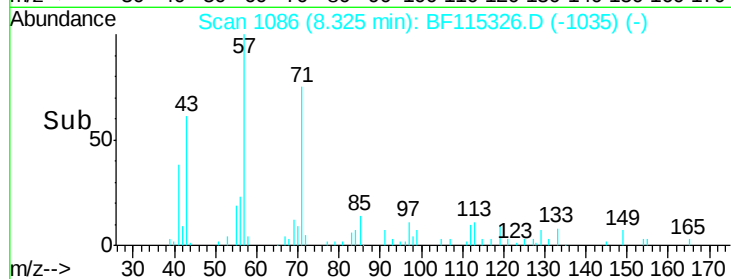
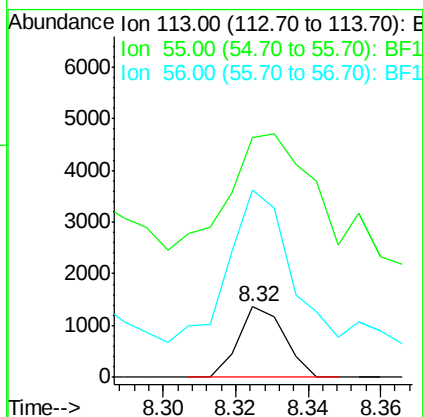
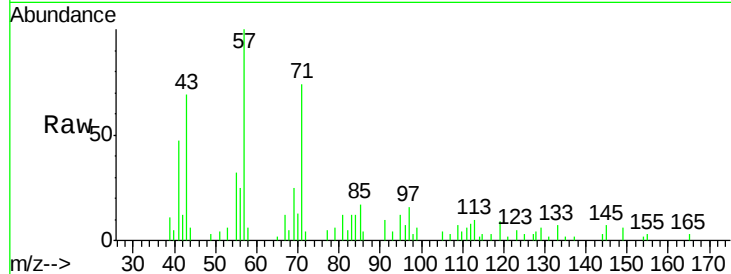
#35
Caprolactam
Concen: 0.233 ng
RT: 8.32 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion:113 Resp: 1199
Ion Ratio Lower Upper
113 100
55 339.2 130.2 170.2#
56 265.2 91.6 131.6#

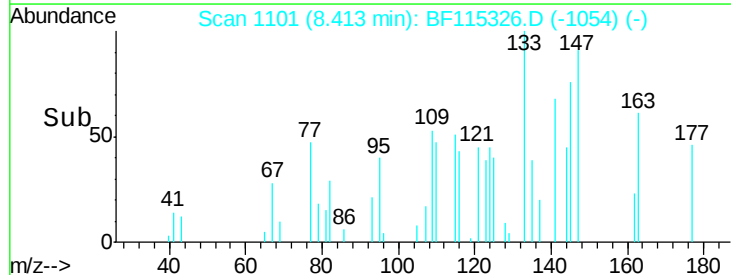
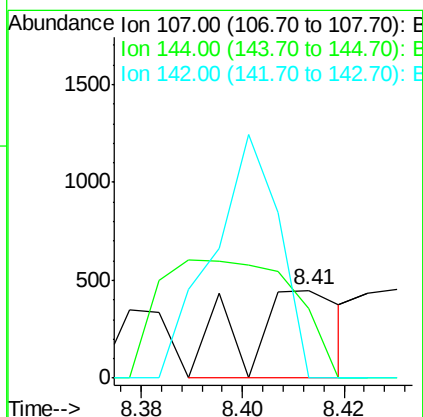
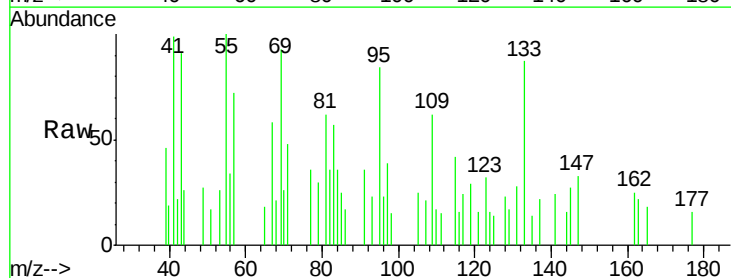
Manual Integrations
APPROVED

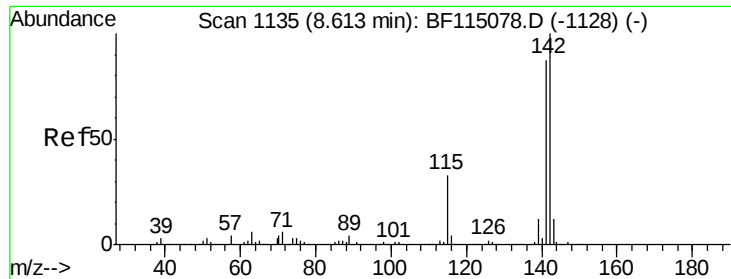
mohammad
7/1/2019 5:59:20 PM



#36
4-Chloro-3-methylphenol
Concen: 0.039 ng
RT: 8.41 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion:107 Resp: 600
Ion Ratio Lower Upper
107 100
144 79.6 21.7 32.5#
142 0.0 67.0 100.4#





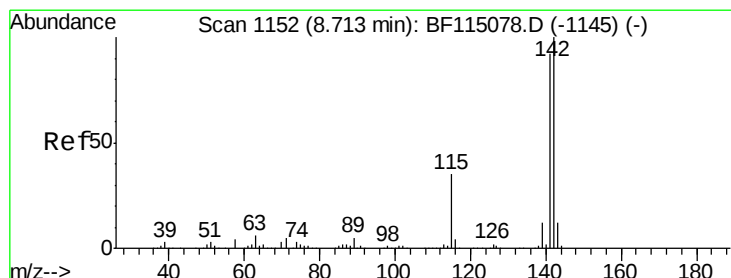
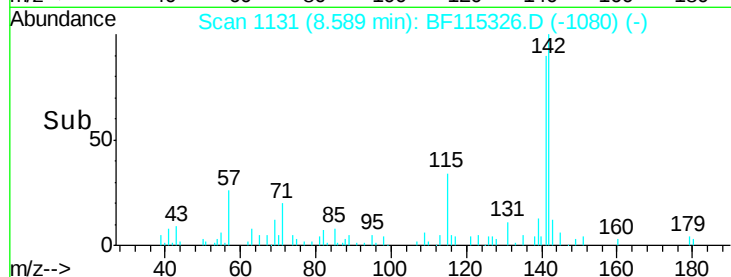
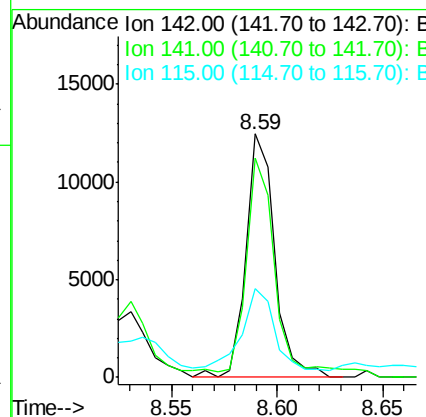
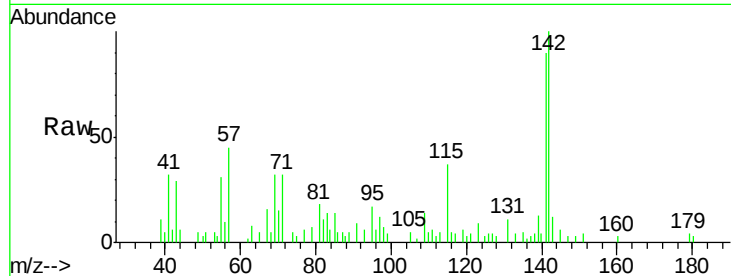
#37
2-Methylnaphthalene
Concen: 0.346 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.8	104.6
115	36.6	26.7	40.1

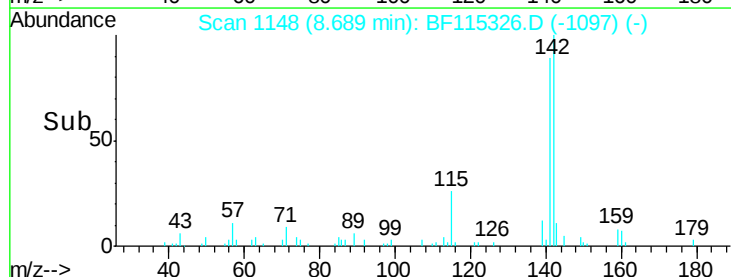
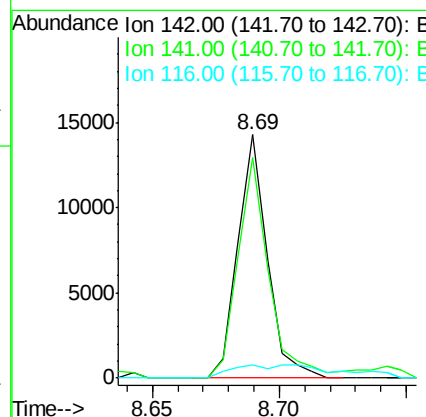
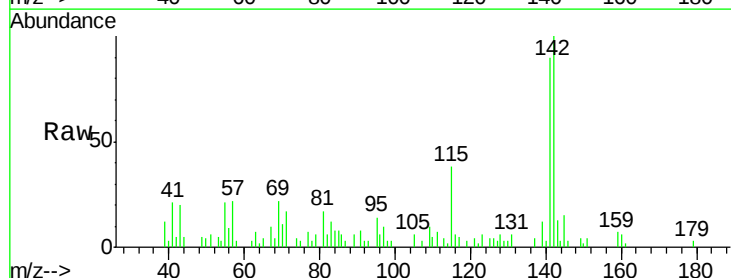
Manual Integrations
APPROVED

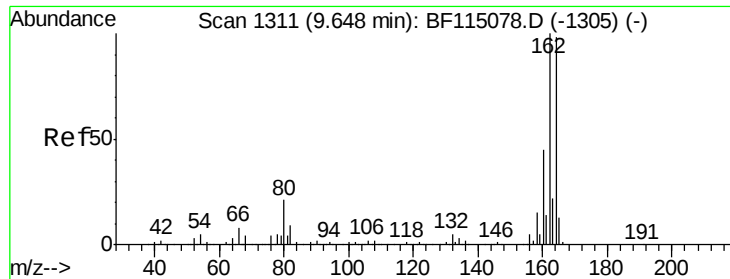
mohammad
7/1/2019 5:59:20 PM



#38
1-Methylnaphthalene
Concen: 0.355 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.8	110.8
116	5.6	2.8	4.2#





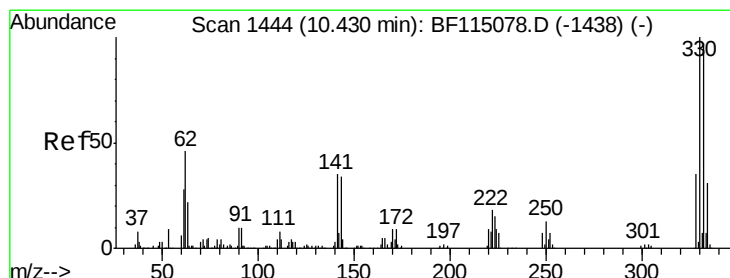
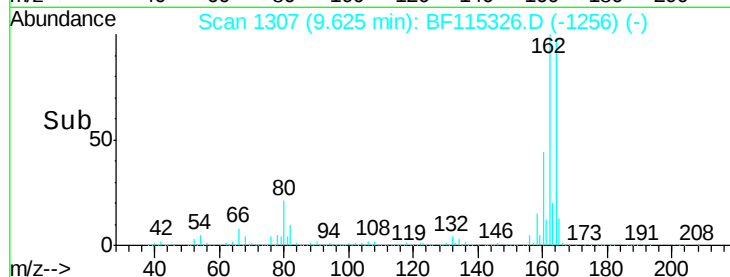
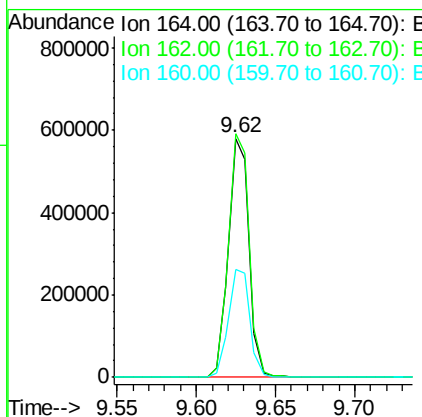
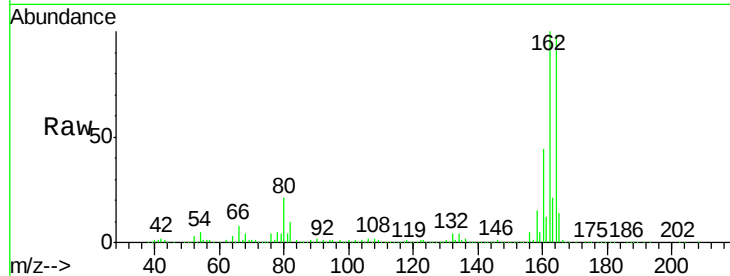
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	523610	81.7	122.5
160	45.1		37.0	55.4

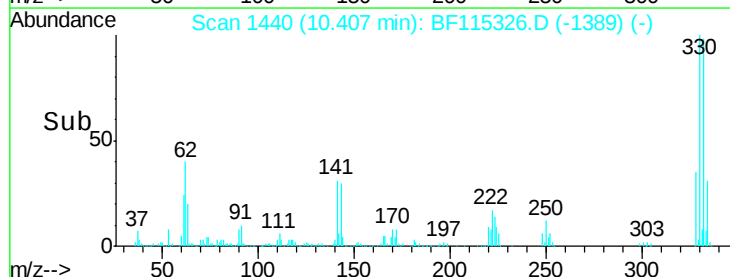
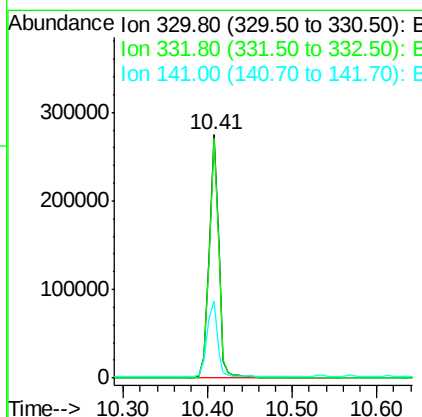
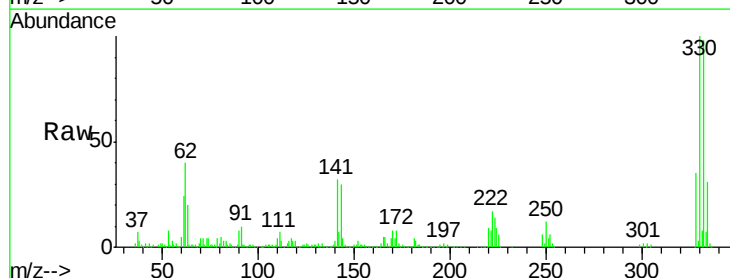
Manual Integrations
APPROVED

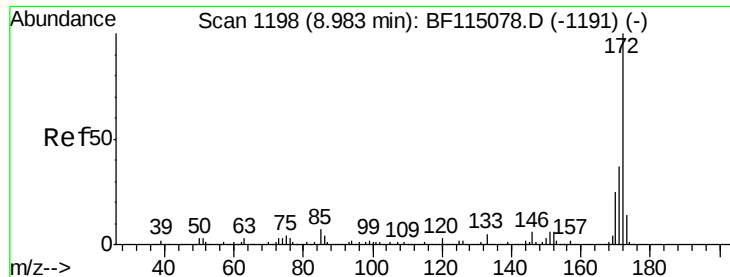
mohammad
7/1/2019 5:59:20 PM



#42
2,4,6-Tribromophenol
Concen: 40.156 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	221726		
332	97.5		77.3	115.9
141	32.8		28.2	42.2





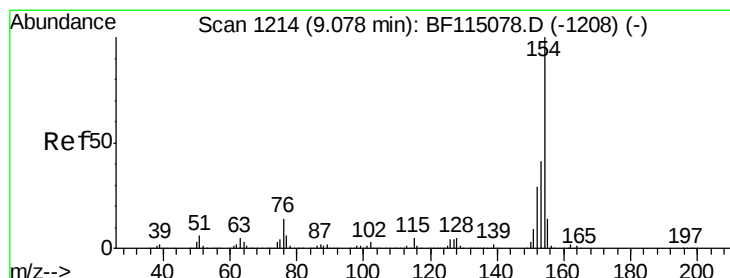
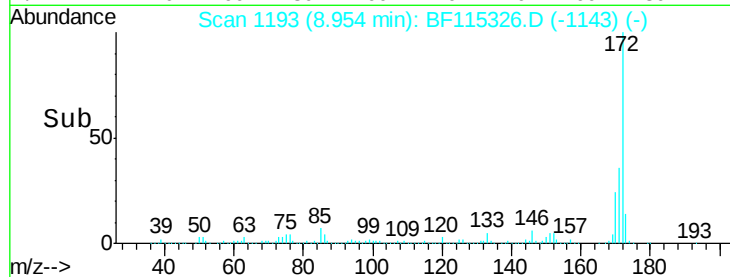
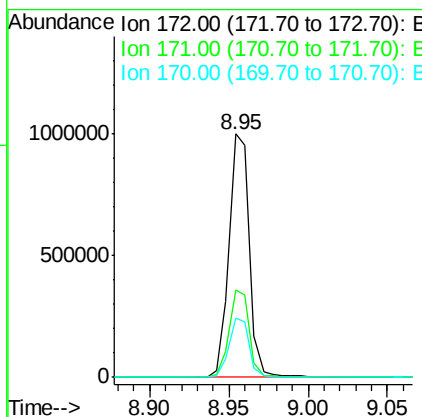
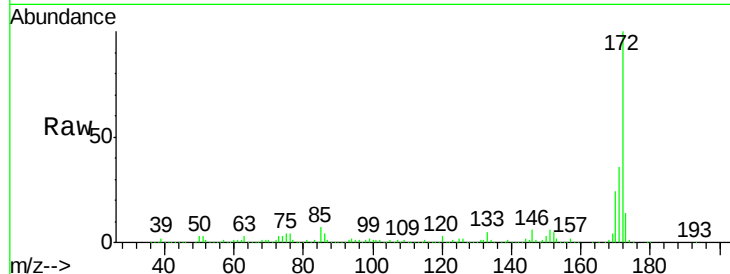
#45
2-Fluorobiphenyl
Concen: 28.984 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	893443		
171	35.8	29.8	44.6	
170	24.2	20.3	30.5	

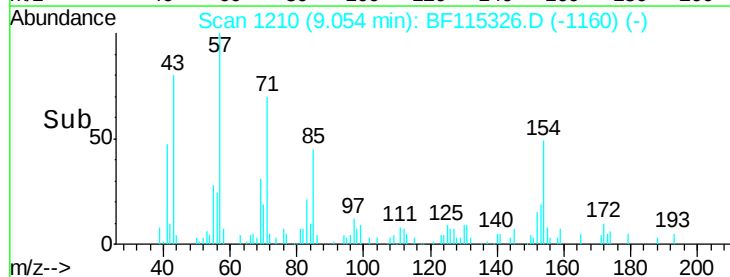
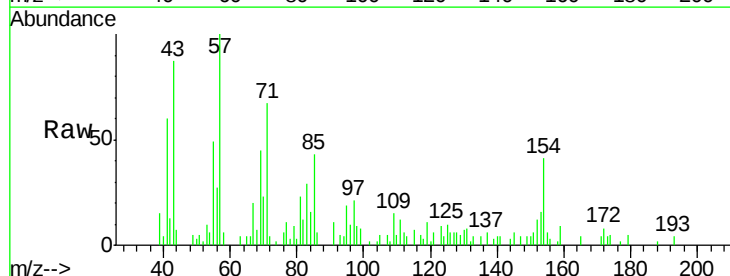
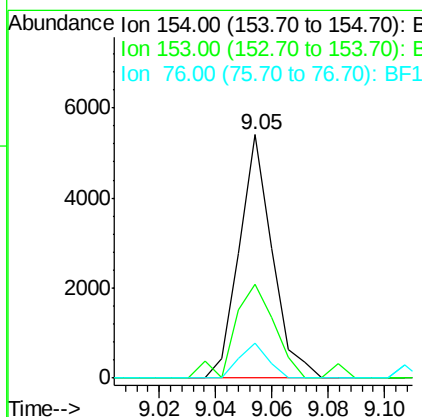
Manual Integrations
APPROVED

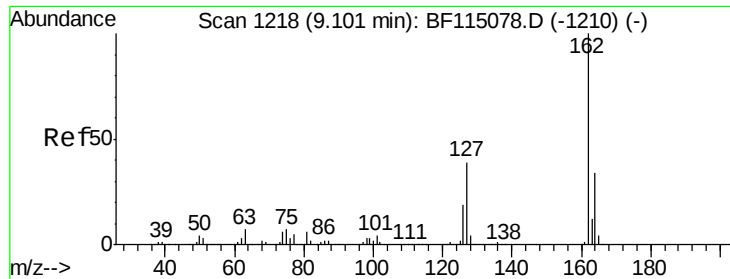
mohammad
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#46
1,1'-Biphenyl
Concen: 0.105 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	4399		
153	38.4	20.9	60.9	
76	14.2	0.0	34.1	





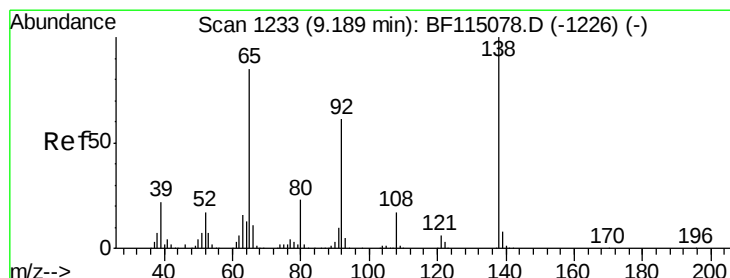
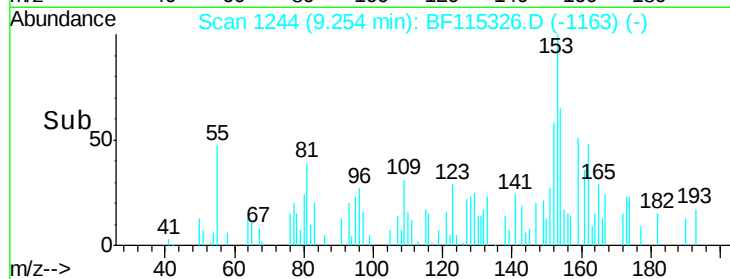
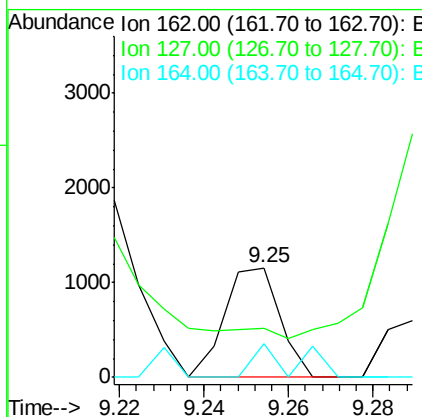
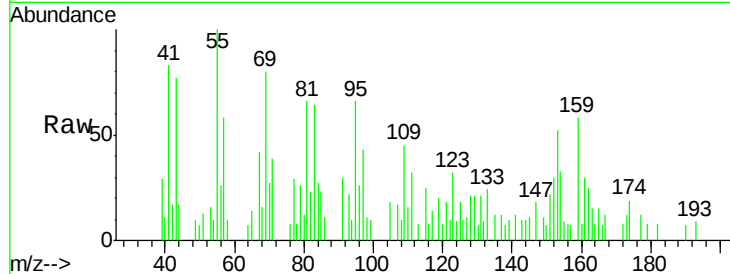
#47
2-Chloronaphthalene
Concen: 0.031 ng
RT: 9.25 min Scan# 1244
Delta R.T. 0.18 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.1	30.8	46.2
164	30.6	27.0	40.4

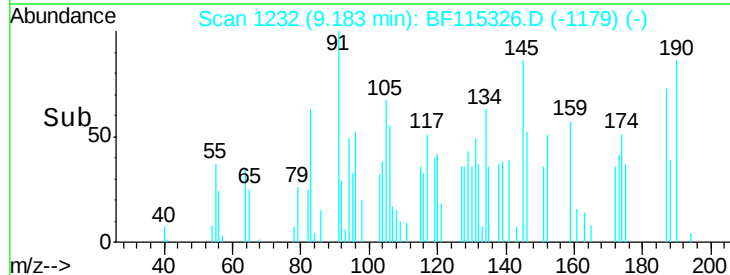
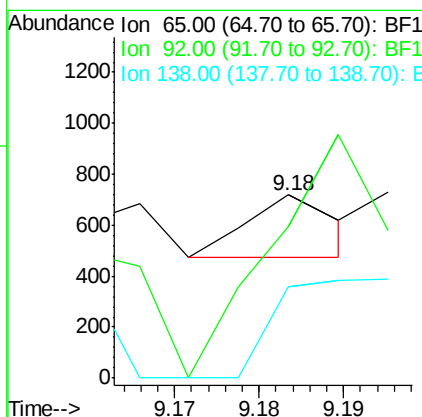
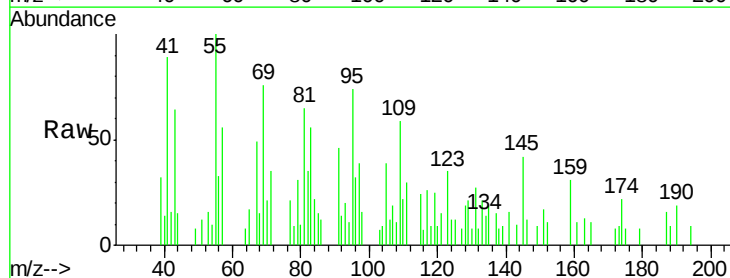
Manual Integrations
APPROVED

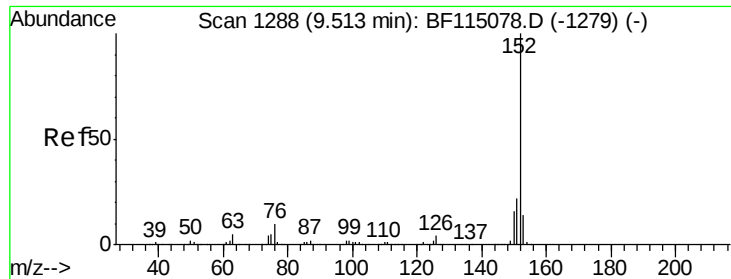
mohammad
7/1/2019 5:59:20 PM



#48
2-Nitroaniline
Concen: 0.018 ng
RT: 9.18 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.7	57.4	86.2
138	50.1	94.1	141.1#





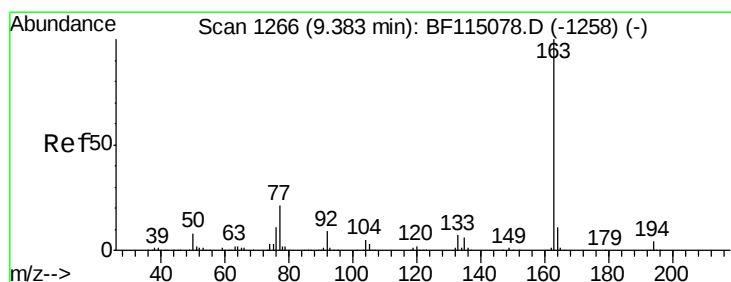
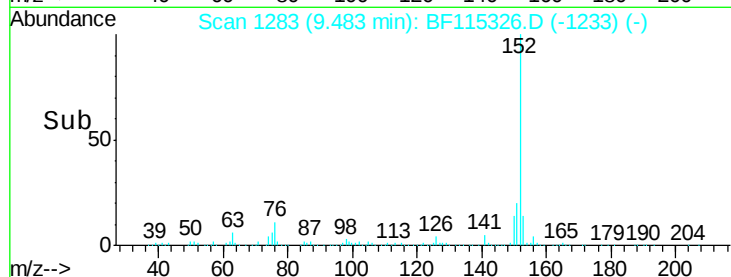
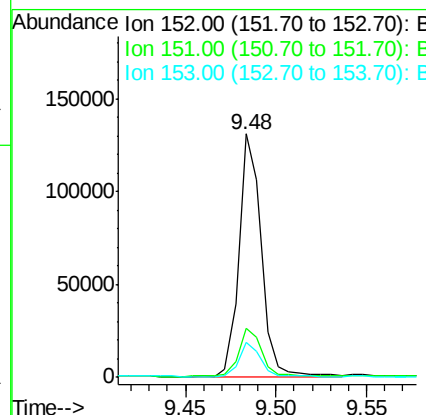
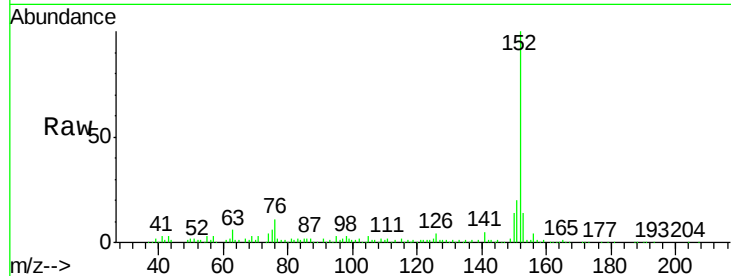
#49
Acenaphthylene
Concen: 2.117 ng
RT: 9.48 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	112081		
151	20.2	17.2	25.8	
153	14.3	11.0	16.6	

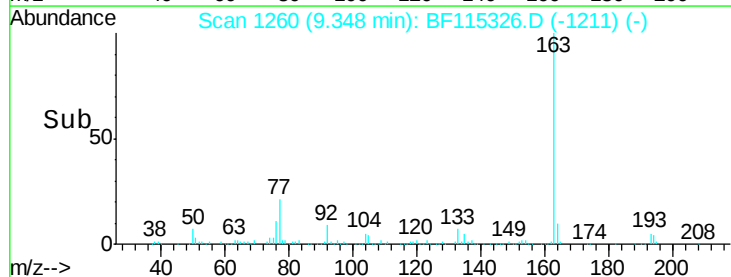
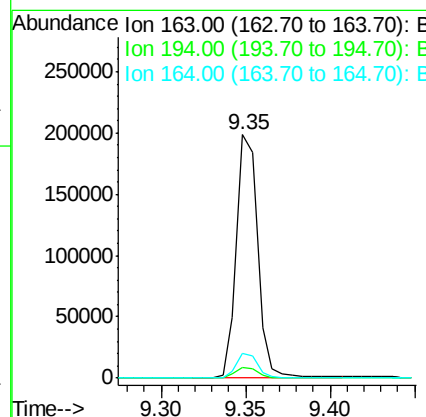
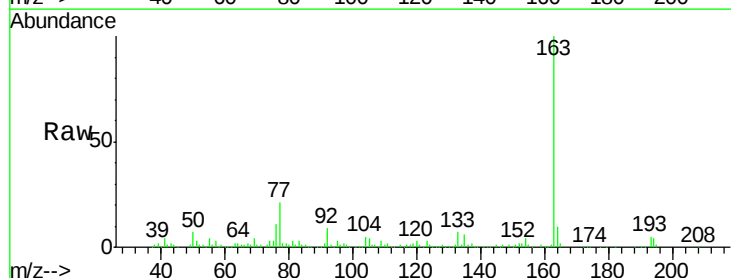
Manual Integrations
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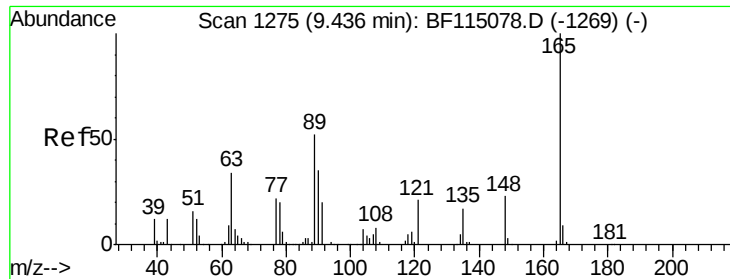
mohammad
7/1/2019 5:59:20 PM



#50
Dimethylphthalate
Concen: 4.471 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	172224		
194	4.4	3.2	4.8	
164	10.4	8.6	13.0	





#51

2,6-Dinitrotoluene

Concen: 0.268 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.06 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

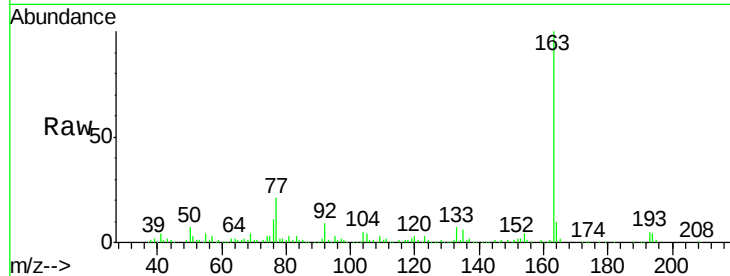
ClientSampleId :

EO-01-062819-C

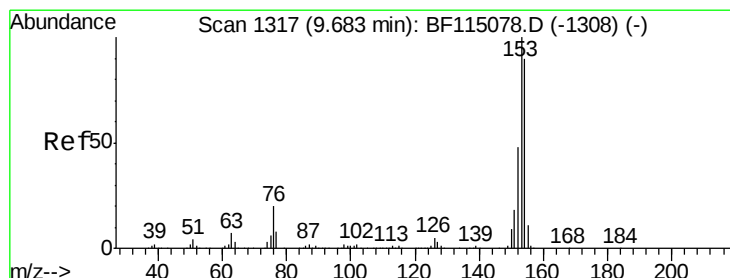
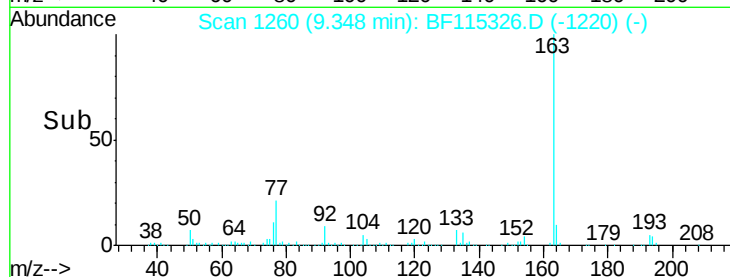
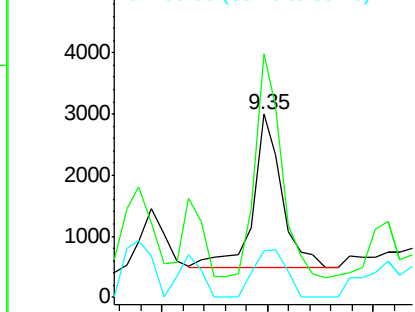
Tgt Ion:	165	Resp:	2385
Ion Ratio	Lower	Upper	
165	100		
63	133.1	39.4	59.2#
89	25.1	42.0	63.0#

Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.429 ng

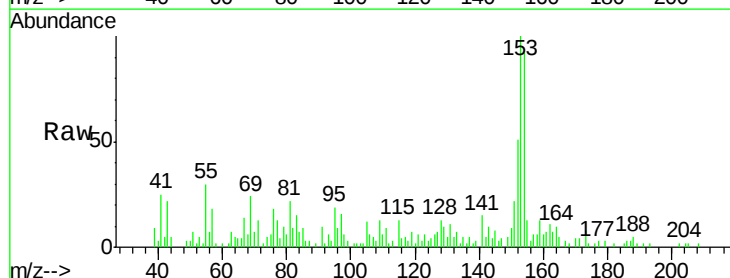
RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

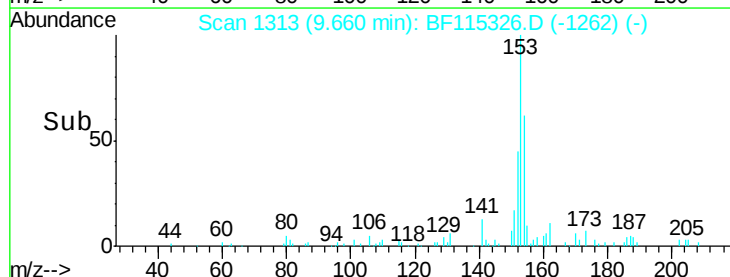
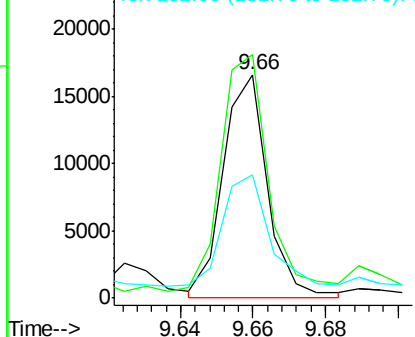
Lab File: BF115326.D

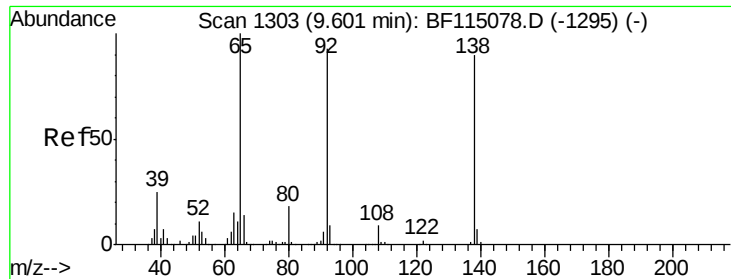
Acq: 29 Jun 2019 16:40

Tgt Ion:	154	Resp:	14217
Ion Ratio	Lower	Upper	
154	100		
153	108.8	88.7	133.1
152	55.0	42.6	64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





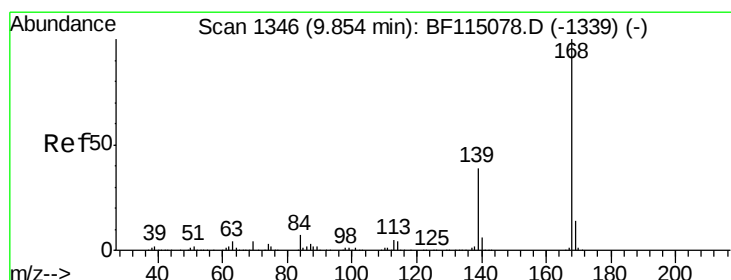
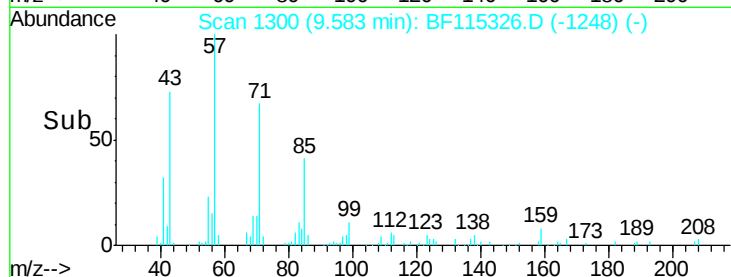
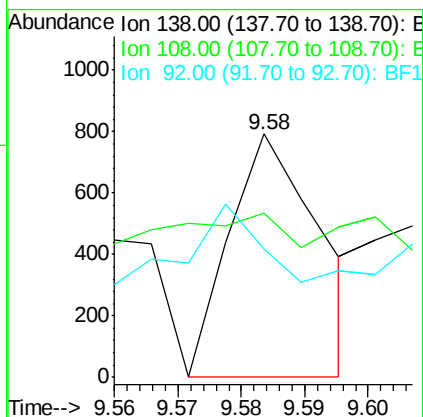
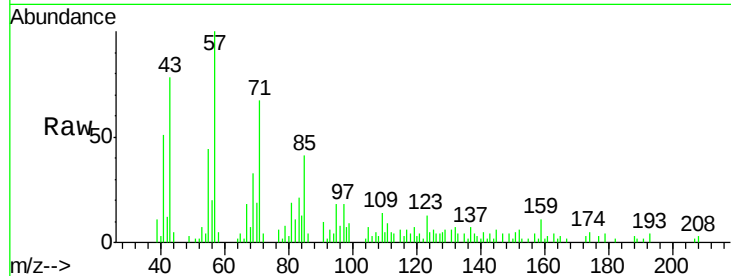
#53
3-Nitroaniline
Concen: 0.072 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
138	100		
108	67.3	7.8	11.6#
92	52.8	82.9	124.3#

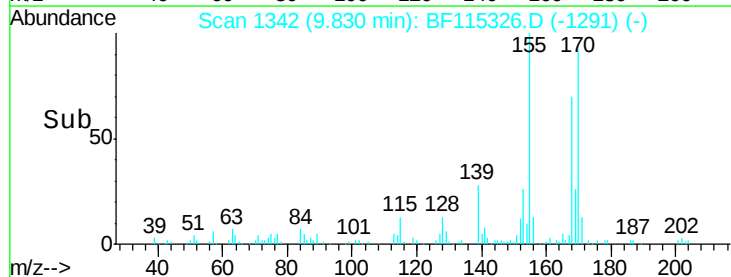
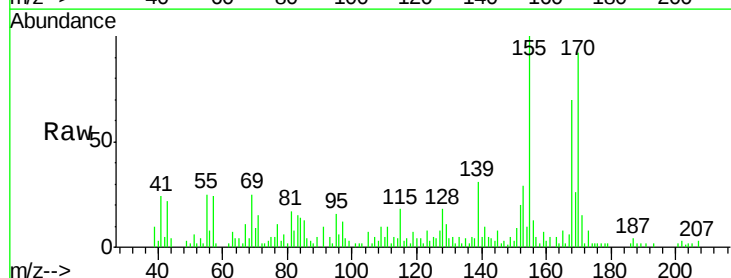
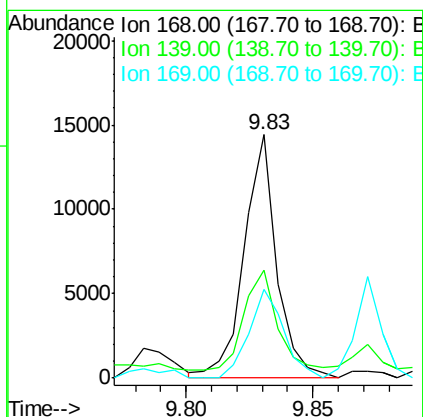
Manual Integrations
APPROVED

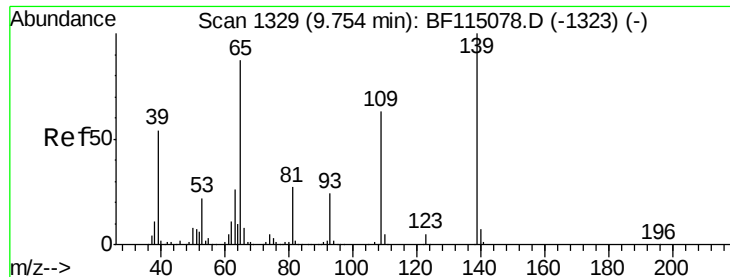
mohammad
7/1/2019 5:59:20 PM



#55
Dibenzofuran
Concen: 0.271 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.4	31.1	46.7
169	36.6	11.3	16.9#





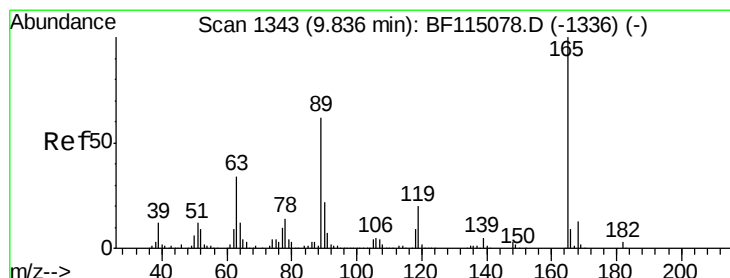
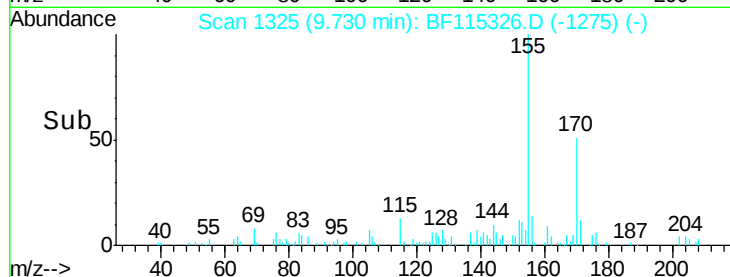
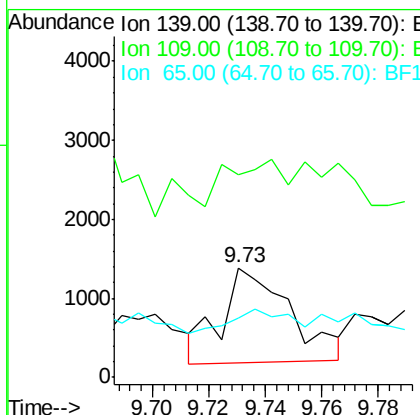
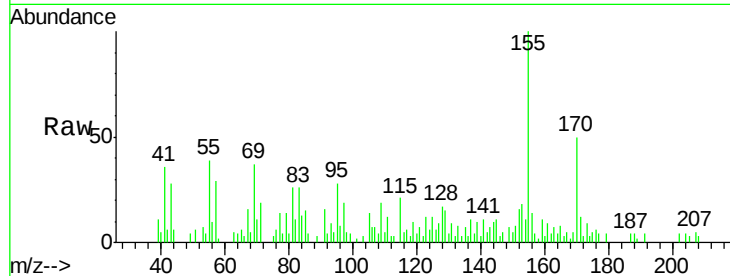
#56
4-Nitrophenol
Concen: 0.231 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
139	100		
109	185.6	43.0	83.0#
65	53.9	67.0	107.0#

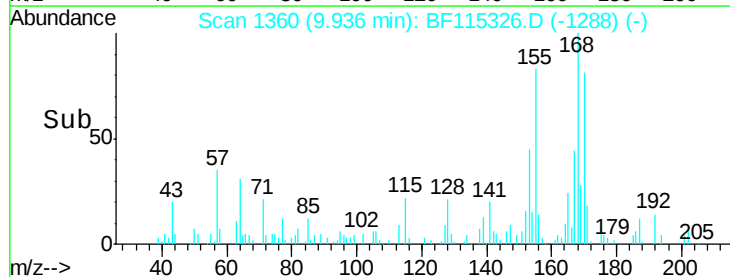
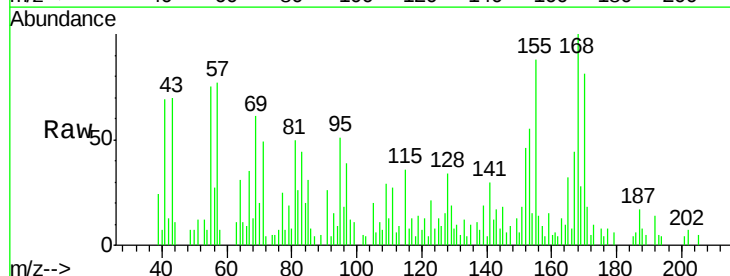
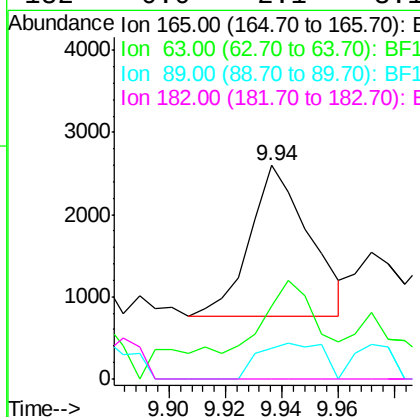
Manual Integrations
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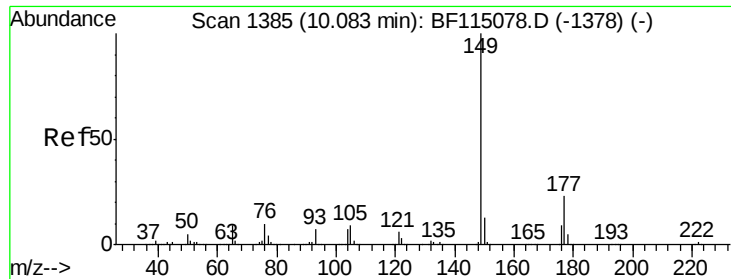
mohammad
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#57
2,4-Dinitrotoluene
Concen: 0.231 ng
RT: 9.94 min Scan# 1360
Delta R.T. 0.12 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.4	27.5	41.3
89	14.2	49.9	74.9#
182	0.0	2.1	3.1#





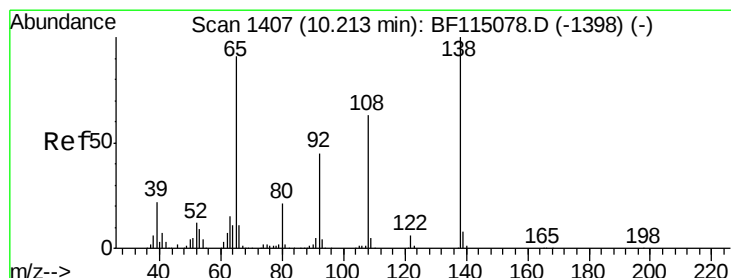
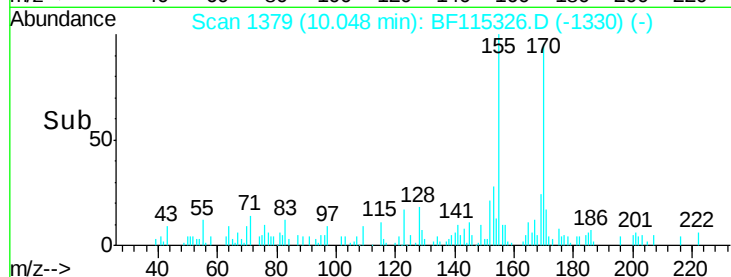
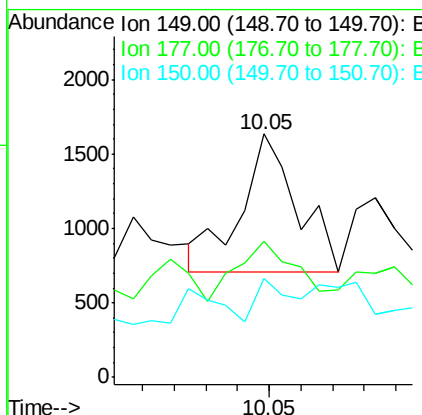
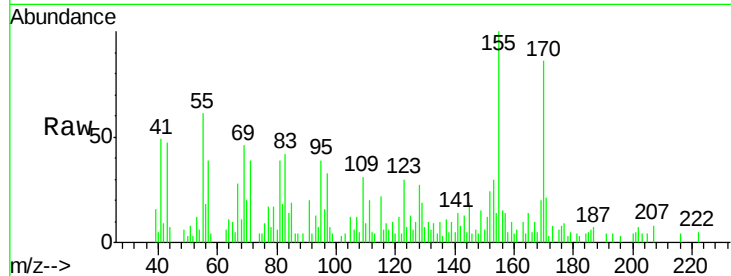
#60
Diethylphthalate
Concen: 0.029 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
149	100		
177	55.8	18.7	28.1#
150	40.5	10.4	15.6#

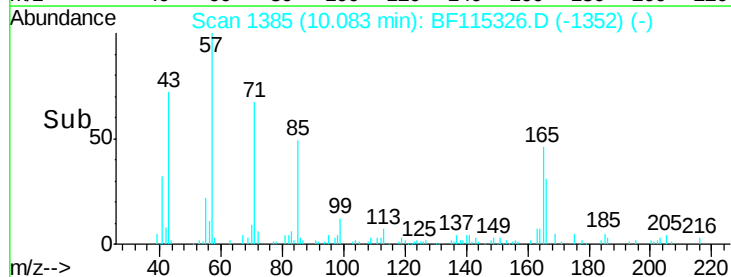
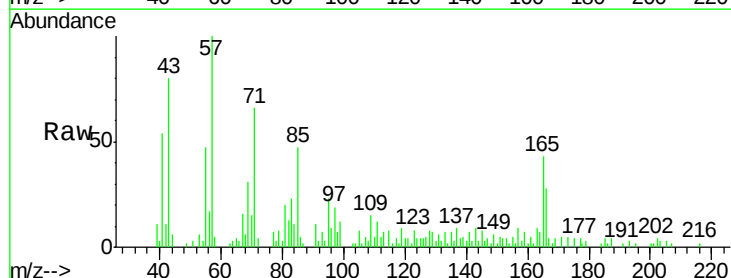
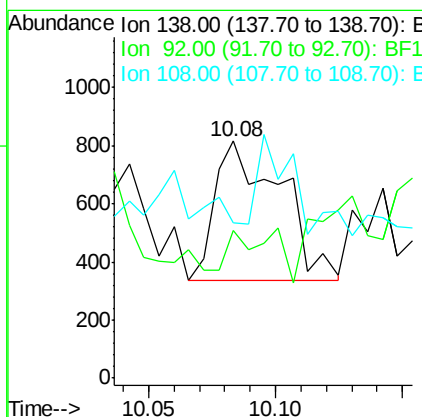
Manual Integrations
APPROVED

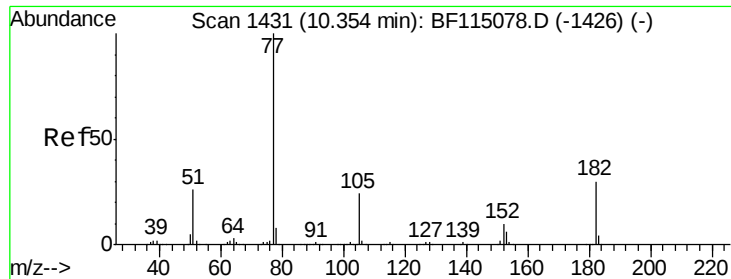
mohammad
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#62
4-Nitroaniline
Concen: 0.079 ng
RT: 10.08 min Scan# 1385
Delta R.T. -0.11 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.5	24.8	64.8
108	65.6	43.3	83.3





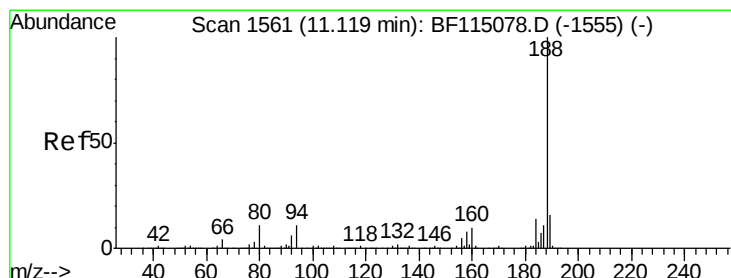
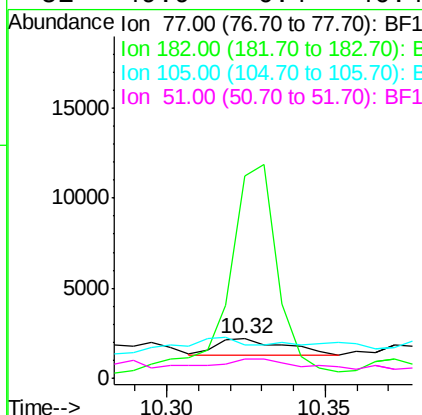
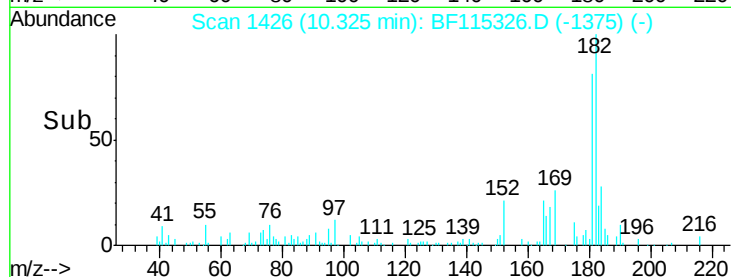
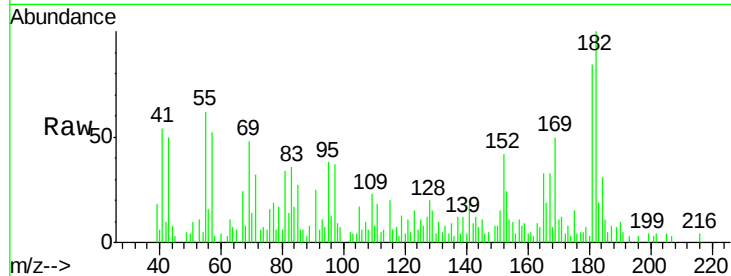
#63
Azobenzene
Concen: 0.036 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
77	100		
182	514.0	10.1	50.1#
105	85.0	4.5	44.5#
51	49.9	6.4	46.4#

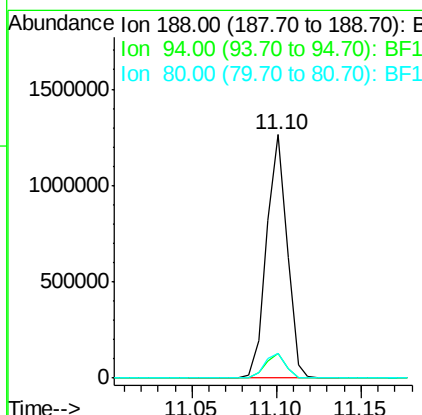
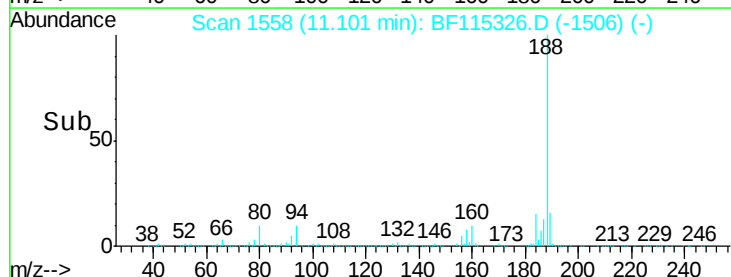
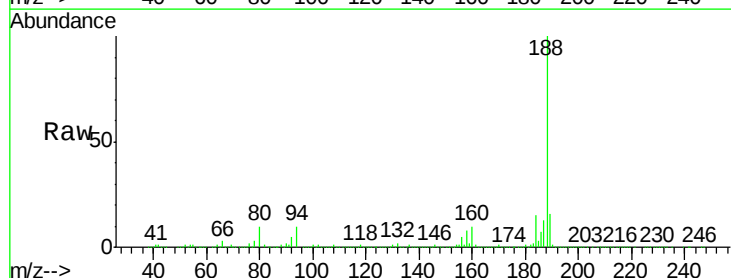
Manual Integrations
APPROVED

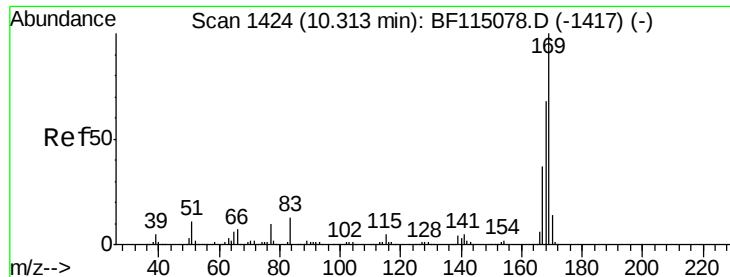
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.0	8.8	13.2





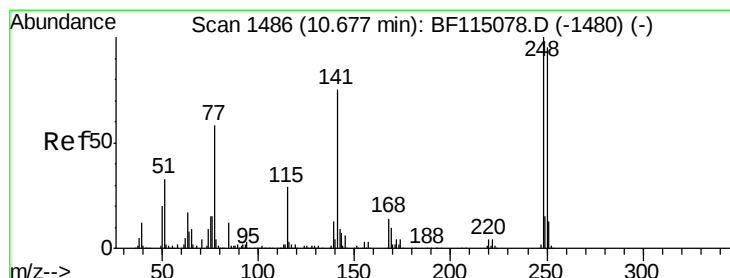
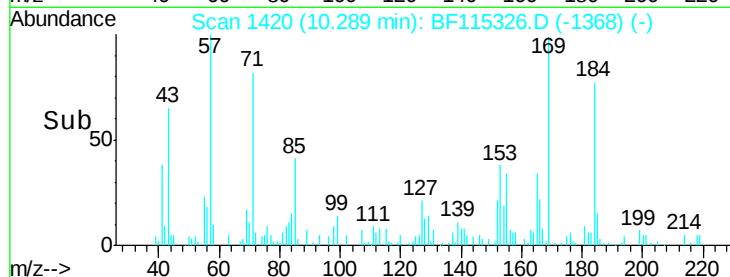
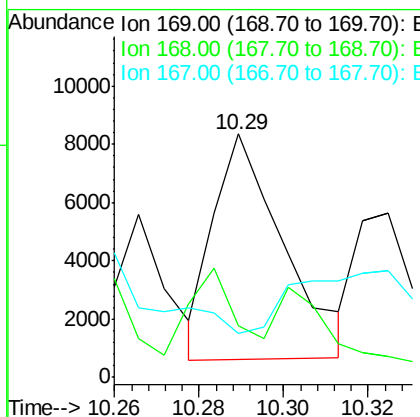
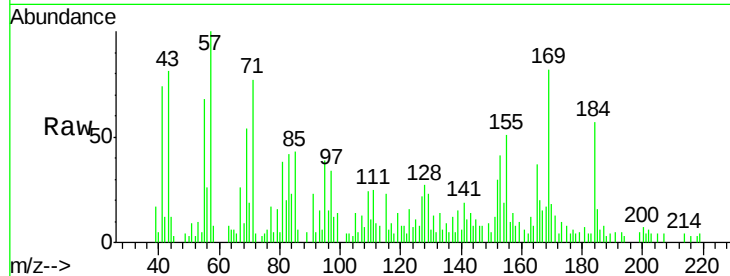
#66
 n-Nitrosodiphenylamine
 Concen: 0.270 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115326.D
 Acq: 29 Jun 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
169	100		
168	21.2	54.2	81.4#
167	18.2	29.4	44.0#

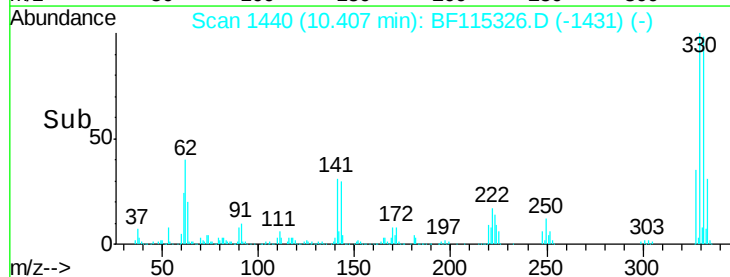
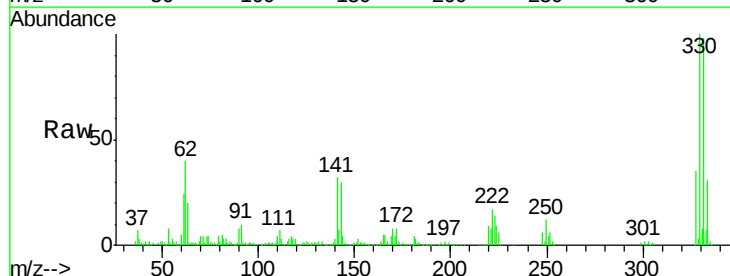
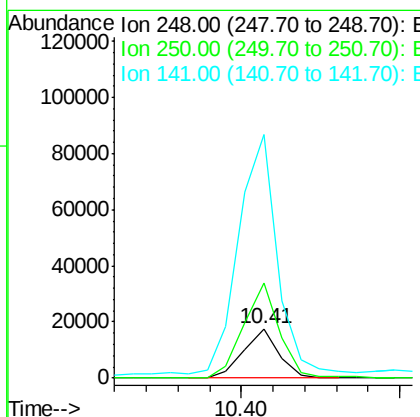
Manual Integrations
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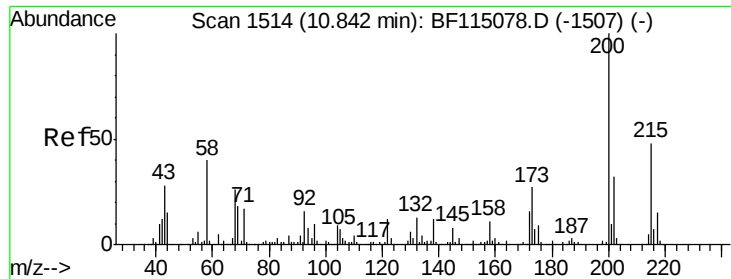
mohammad
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#67
 4-Bromophenyl-phenylether
 Concen: 1.176 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115326.D
 Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.2	114.2#
141	495.3	59.6	89.4#





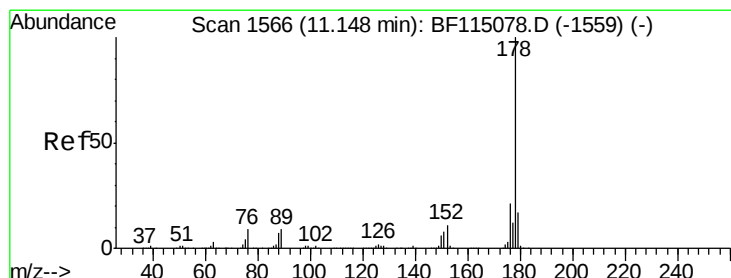
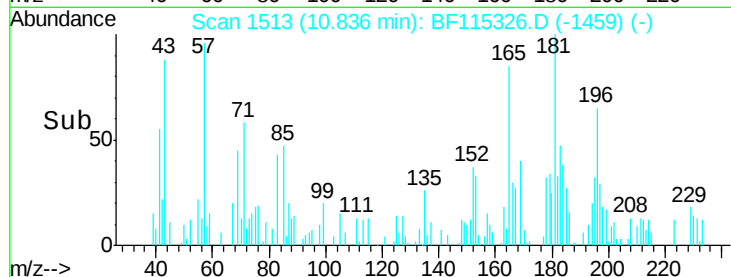
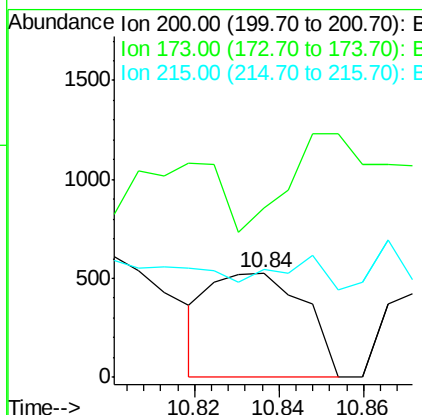
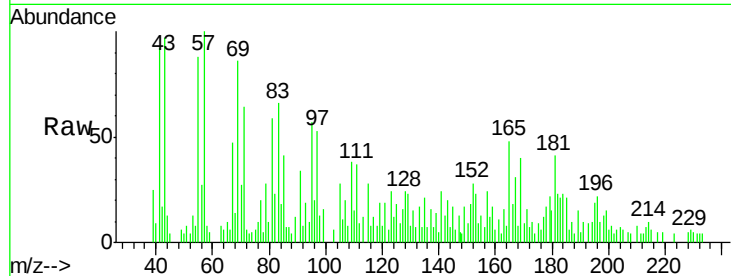
#69
Atrazine
Concen: 0.077 ng
RT: 10.84 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
200	100		
173	162.2	7.4	47.4#
215	103.4	27.8	67.8#

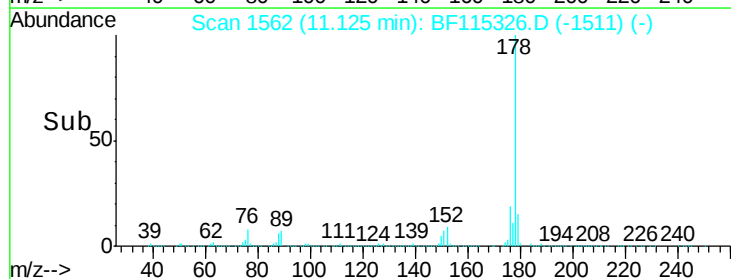
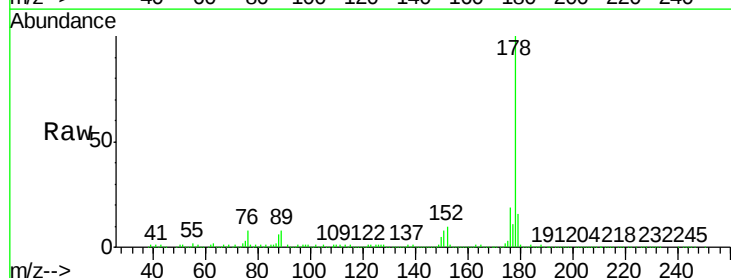
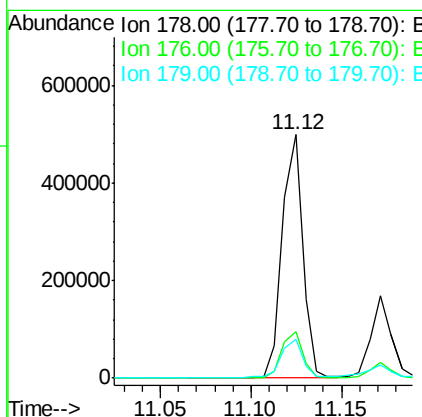
Manual Integrations
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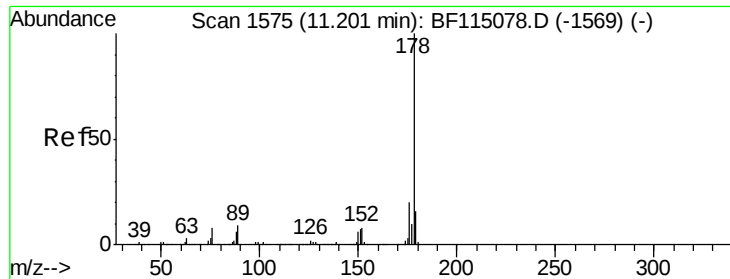
mohammad
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#71
Phenanthrene
Concen: 6.922 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.9	25.3
179	15.9	13.2	19.8





#72

Anthracene

Concen: 2.189 ng

RT: 11.17 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

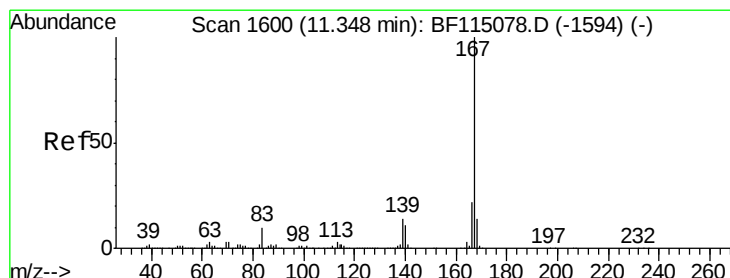
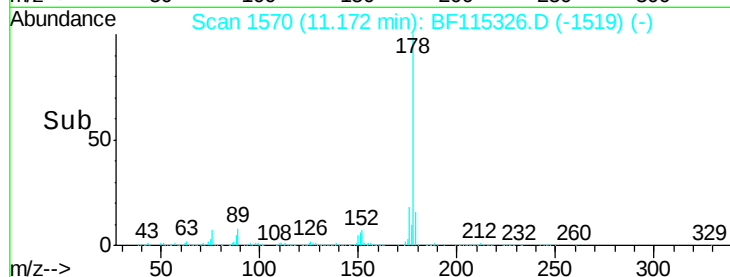
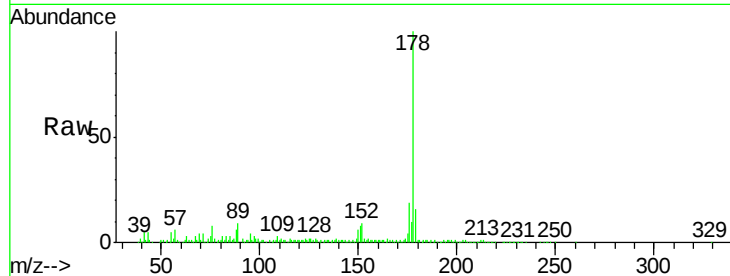
ClientSampleId :

EO-01-062819-C

Tgt Ion:	178	Resp:	125920
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.1	24.1
179	16.4	12.9	19.3

Manual Integrations
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#73

Carbazole

Concen: 0.369 ng

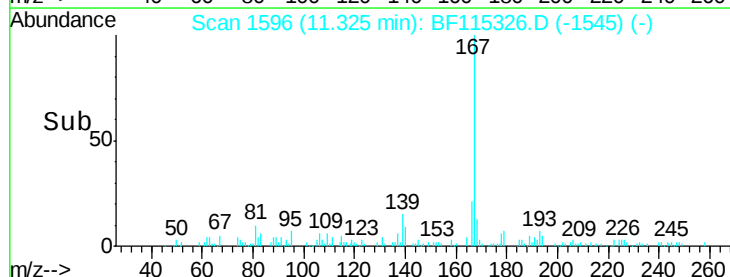
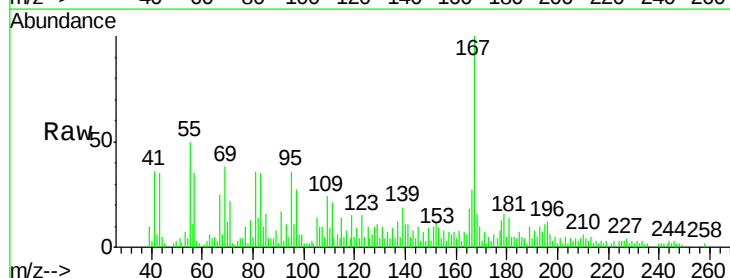
RT: 11.32 min Scan# 1596

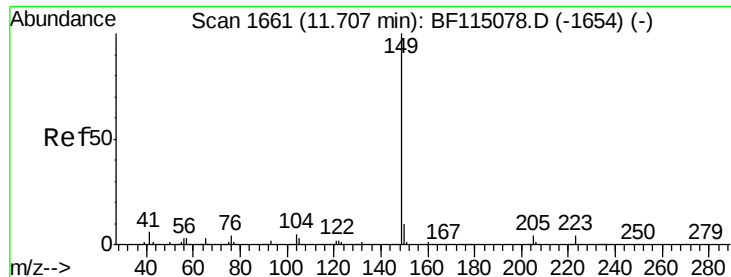
Delta R.T. 0.00 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:	167	Resp:	18971
Ion Ratio	Lower	Upper	
167	100		
166	27.4	18.0	27.0#
139	19.4	11.1	16.7#





#74

Di-n-butylphthalate

Concen: 0.039 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

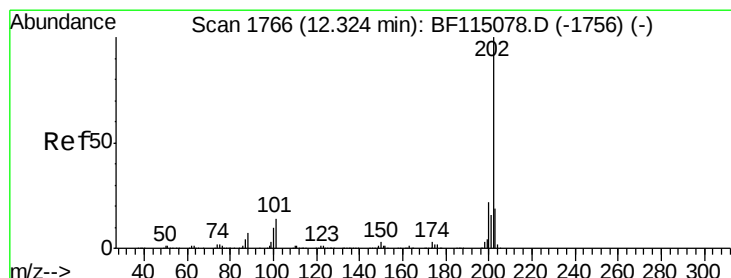
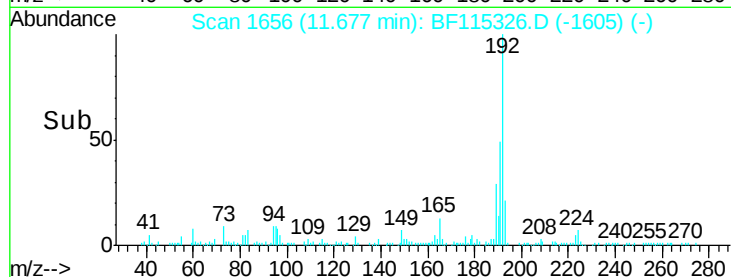
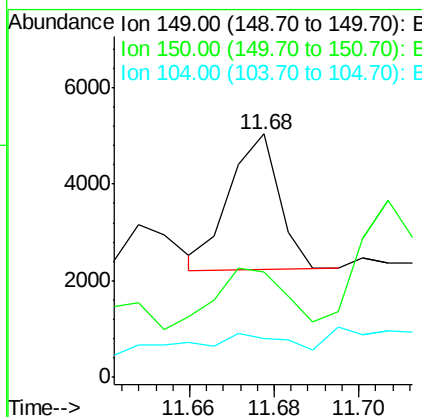
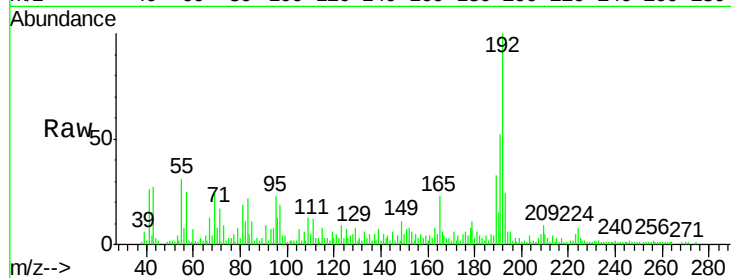
ClientSampleId :

EO-01-062819-C

Tgt Ion:	149	Resp:	2287
Ion Ratio	100	Lower	Upper
149	100		
150	43.0	7.8	11.8#
104	15.9	3.7	5.5#

Manual Integrations
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#75

Fluoranthene

Concen: 20.229 ng

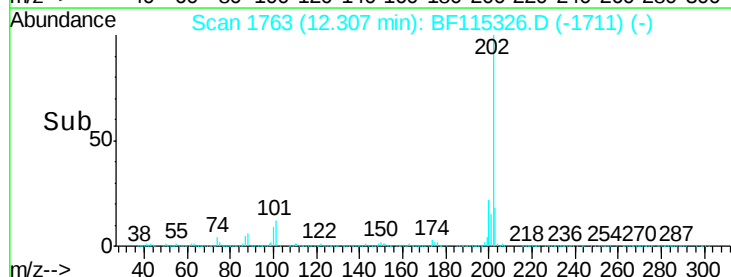
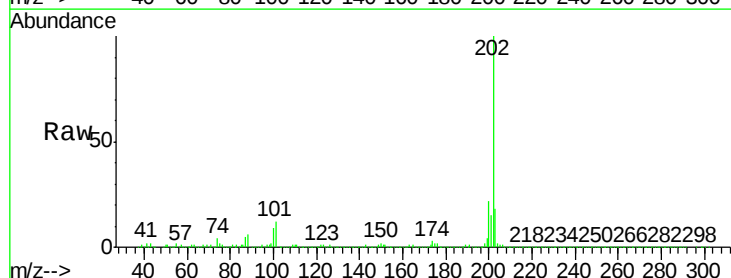
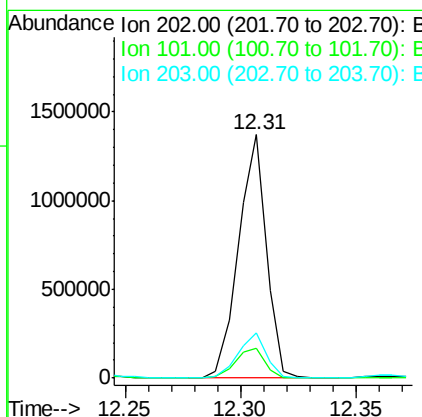
RT: 12.31 min Scan# 1763

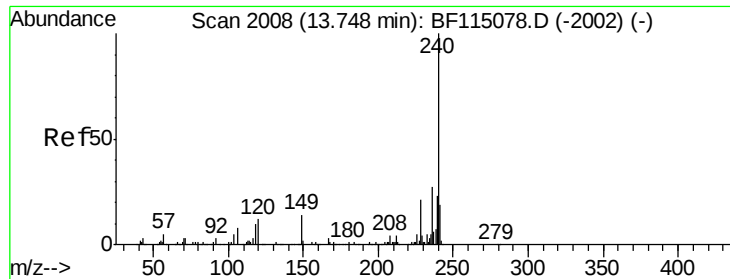
Delta R.T. 0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:	202	Resp:	1150112
Ion Ratio	100	Lower	Upper
202	100		
101	12.4	0.0	34.0
203	18.4	0.0	38.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

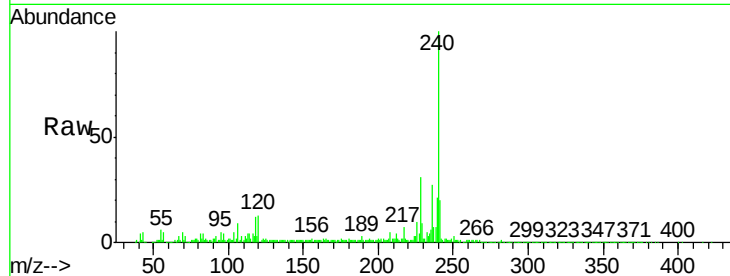
ClientSampleId :

EO-01-062819-C

Tgt Ion:	240	Resp:	708364
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.4	14.2
236	27.2	21.7	32.5

Manual Integrations
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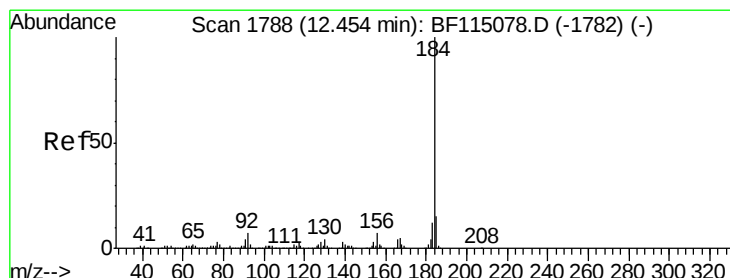
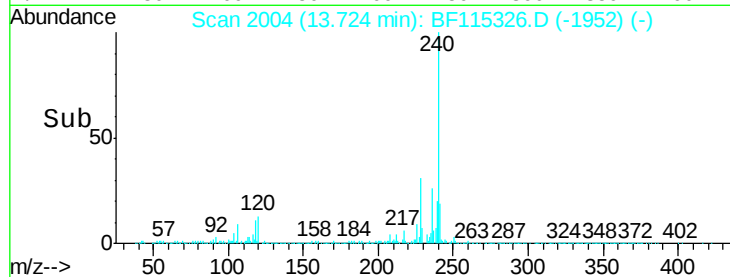
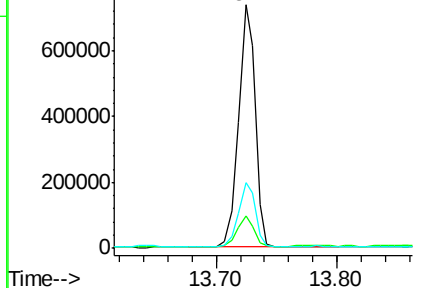
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 0.054 ng

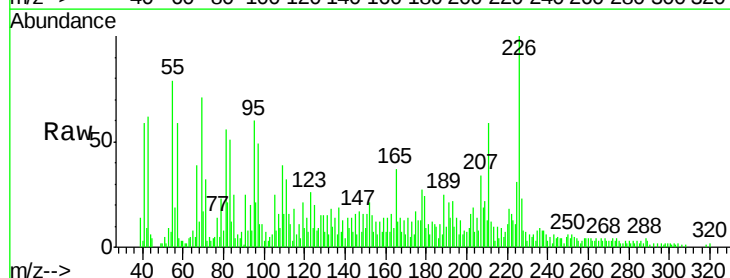
RT: 12.41 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

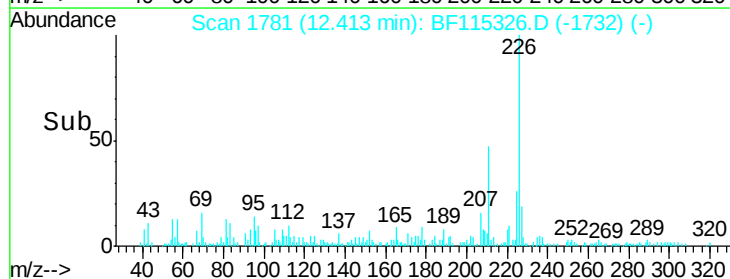
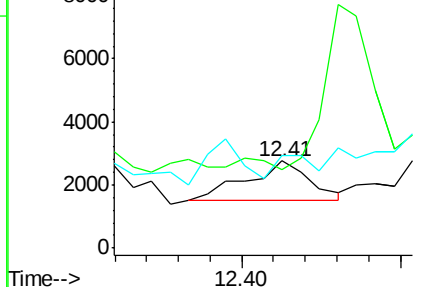
Tgt Ion:	184	Resp:	1697
Ion Ratio	Lower	Upper	
184	100		
185	90.5	12.2	18.2#
183	106.9	9.6	14.4#

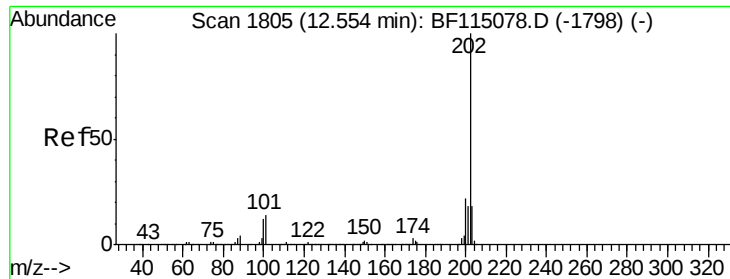


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





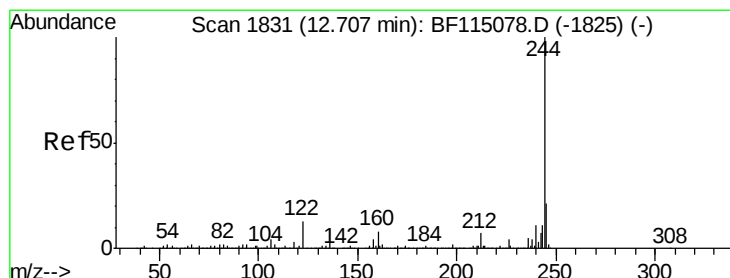
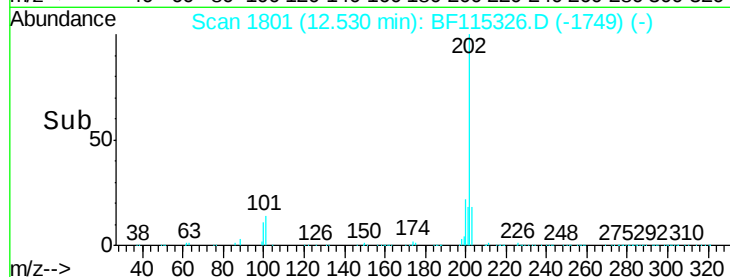
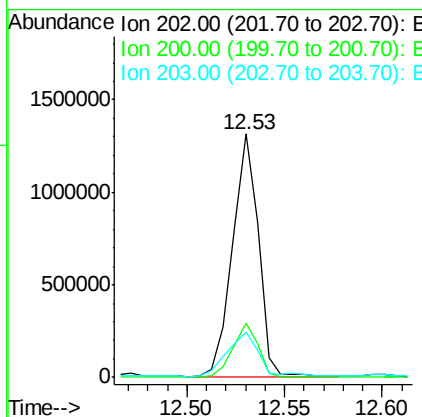
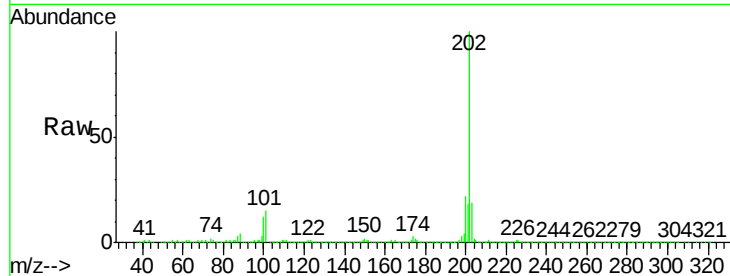
#78
 Pyrene
 Concen: 22.096 ng
 RT: 12.53 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BF115326.D
 Acq: 29 Jun 2019 16:40

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.9	26.9
203	18.6	14.6	21.8

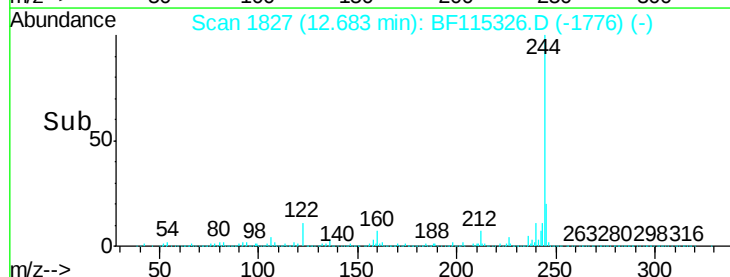
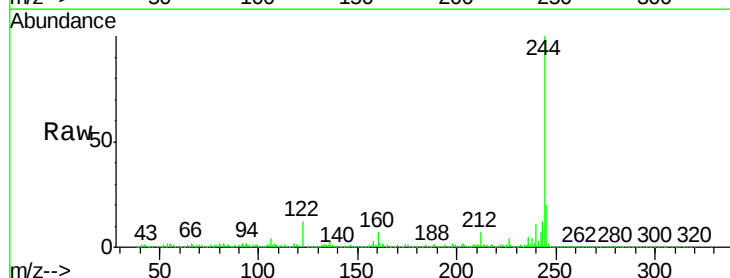
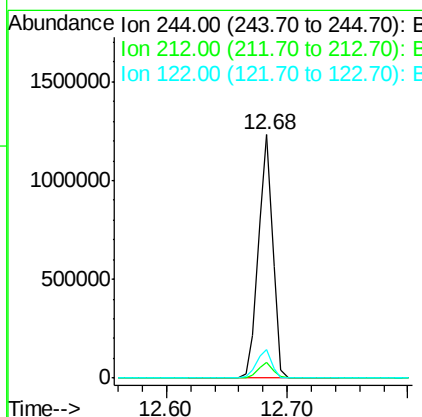
Manual Integrations
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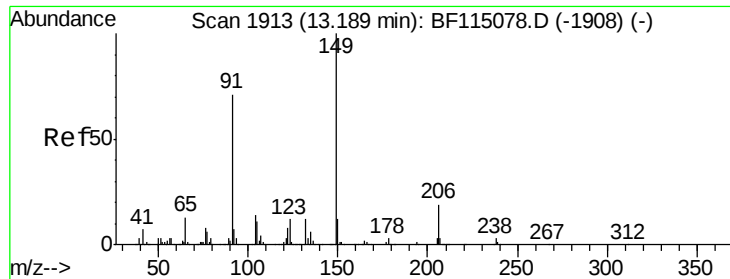
mohammad
 7/1/2019 5:59:20 PM



#79
 Terphenyl-d14
 Concen: 30.603 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115326.D
 Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	11.6	10.4	15.6





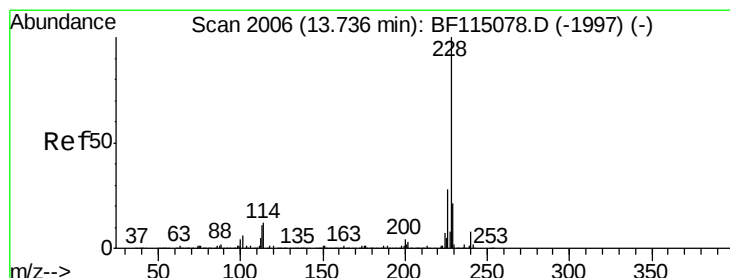
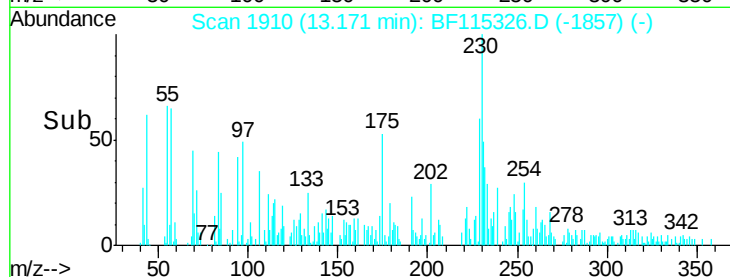
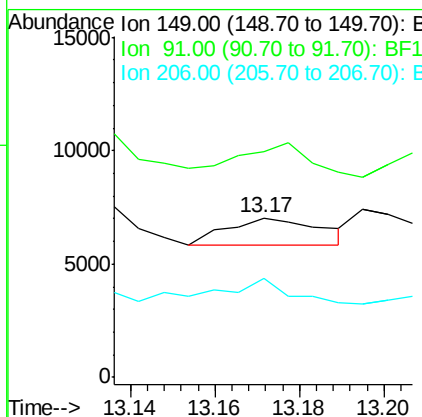
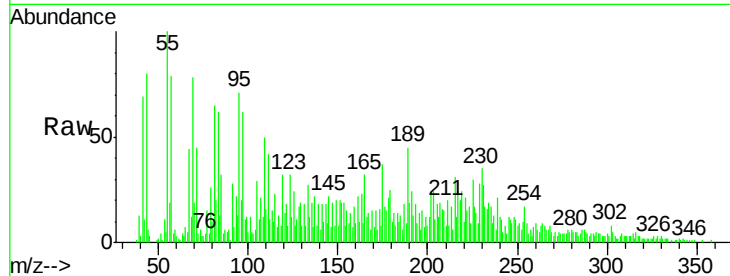
#80
Butylbenzylphthalate
Concen: 0.078 ng
RT: 13.17 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1883		
91	141.5	56.5	84.7#	
206	62.6	15.3	22.9#	

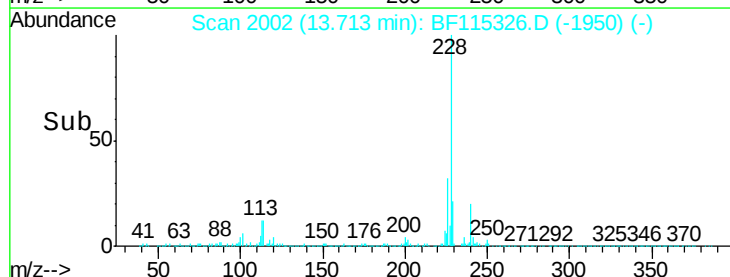
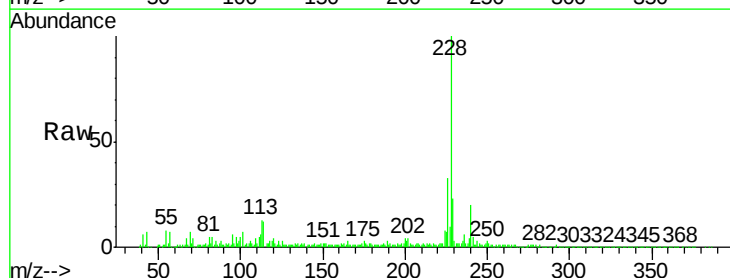
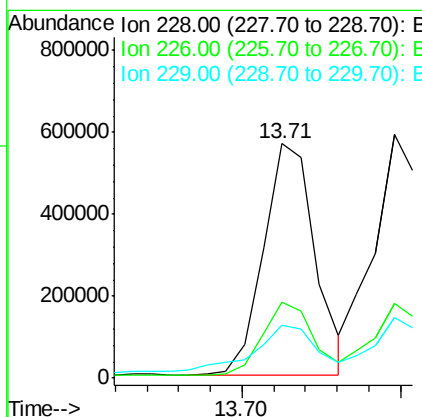
Manual Integrations
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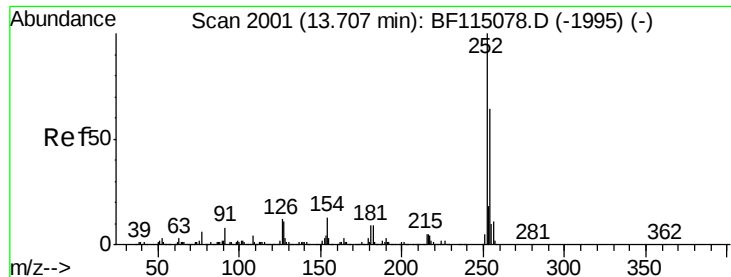
mohammad
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#81
Benzo(a)anthracene
Concen: 12.591 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	639992		
226	32.6	22.5	33.7	
229	22.5	16.6	24.8	





#82

3,3'-Dichlorobenzidine

Concen: 0.174 ng

RT: 13.69 min Scan# 1999

Delta R.T. 0.02 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

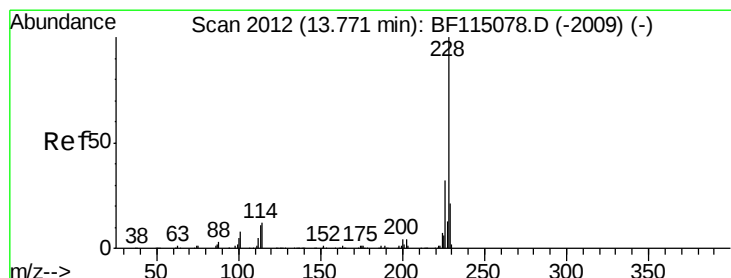
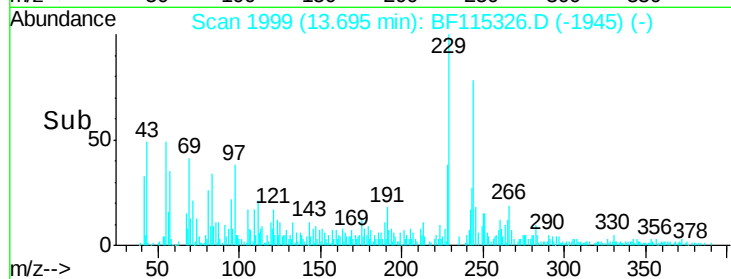
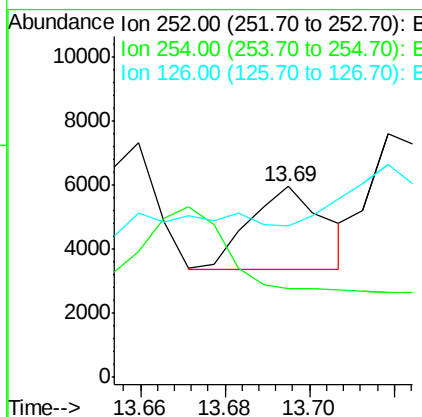
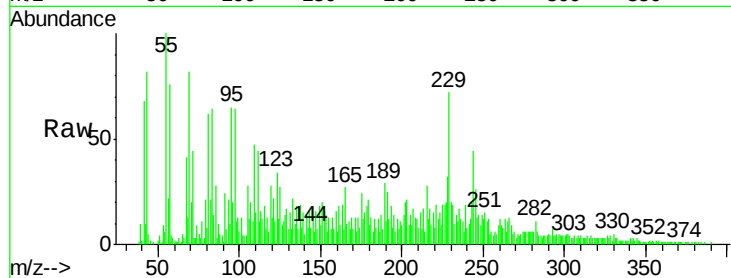
ClientSampleId :

EO-01-062819-C

Tgt Ion:	252	Resp:	3186
Ion Ratio	Lower	Upper	
252	100		
254	46.5	51.1	76.7#
126	79.3	9.4	14.0#

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#83

Chrysene

Concen: 12.853 ng m

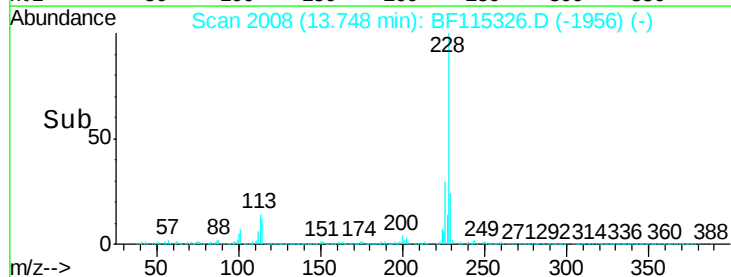
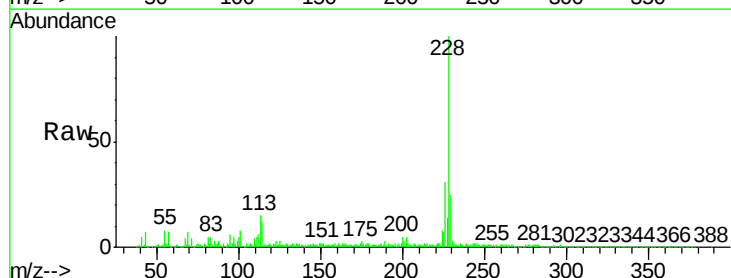
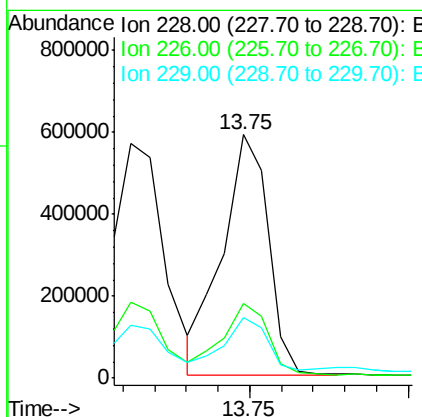
RT: 13.75 min Scan# 2008

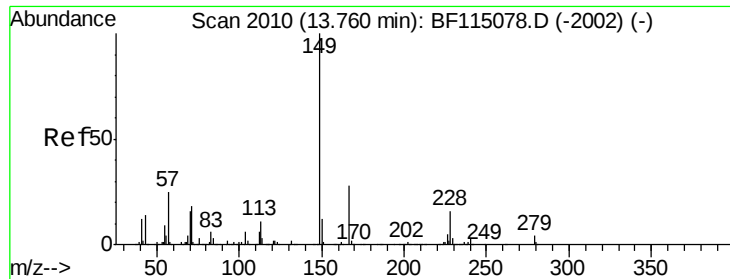
Delta R.T. 0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:	228	Resp:	598435
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.0
229	24.8	16.5	24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.129 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

ClientSampleId :

EO-01-062819-C

Tgt Ion:149 Resp: 4058

Ion Ratio Lower Upper

149 100

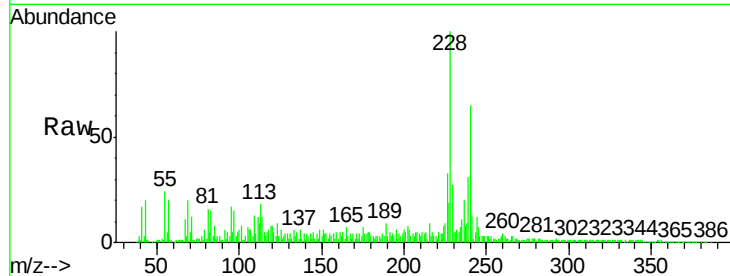
167 58.7 22.2 33.4#

279 25.9 2.9 4.3#

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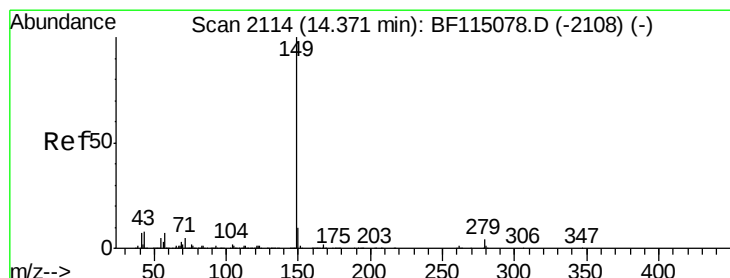
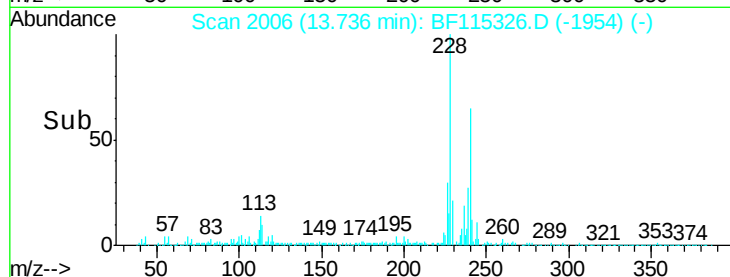
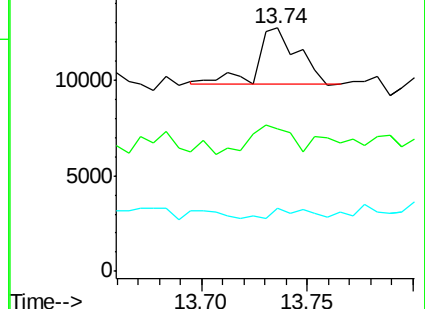
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.064 ng

RT: 14.35 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Tgt Ion:149 Resp: 3379

Ion Ratio Lower Upper

149 100

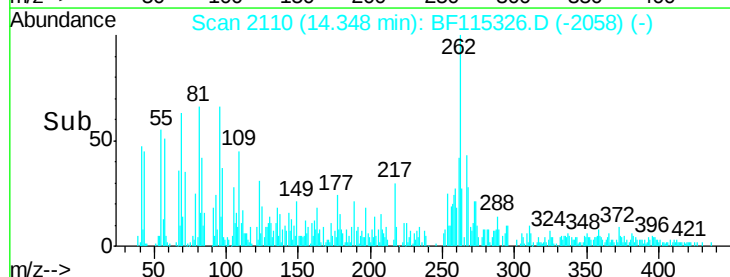
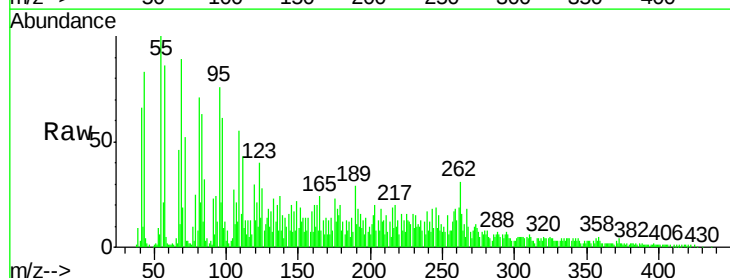
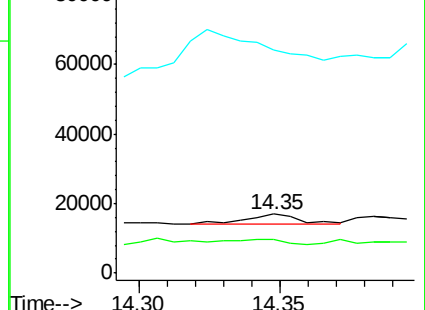
167 0.0 1.2 1.8#

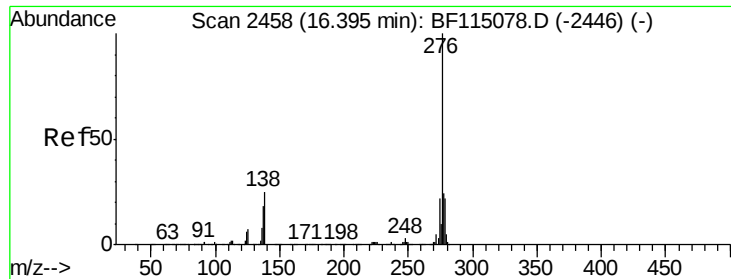
43 0.0 7.0 10.6#

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





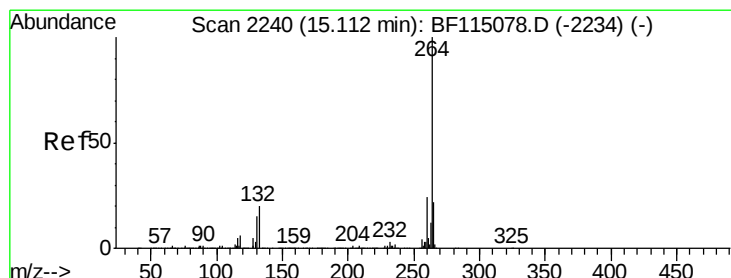
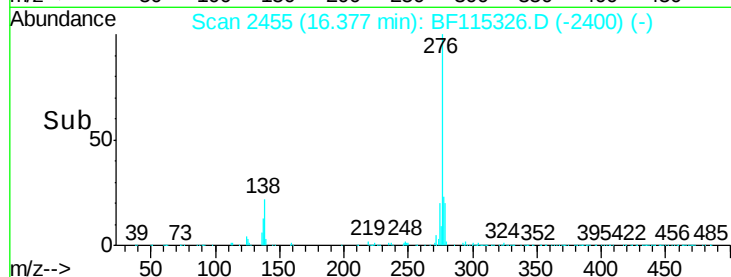
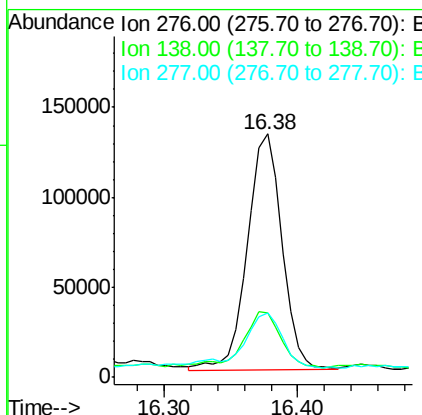
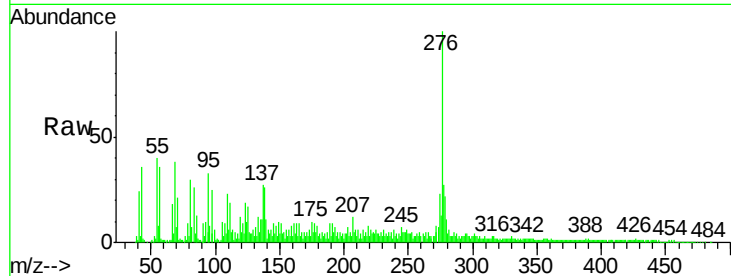
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.248 ng
RT: 16.38 min Scan# 2455
Delta R.T. 0.02 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.2	34.8
277	27.4	20.1	30.1

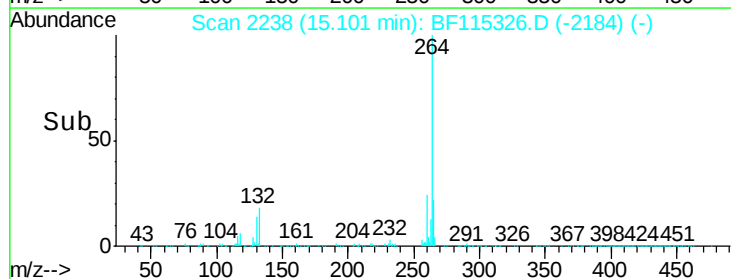
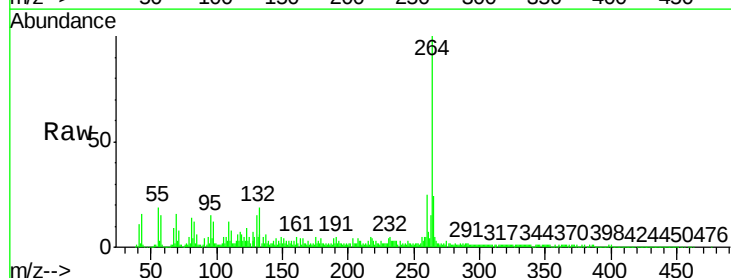
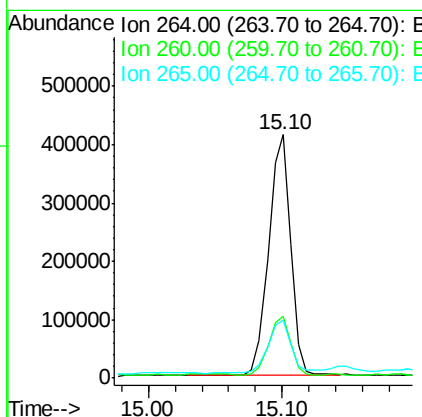
Manual Integrations
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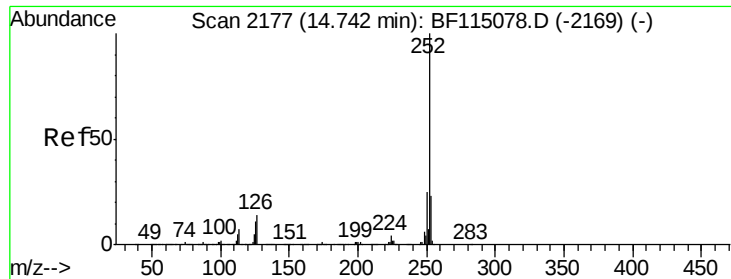
mohammad
7/1/2019 5:59:20 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.6	29.4
265	24.1	17.3	25.9





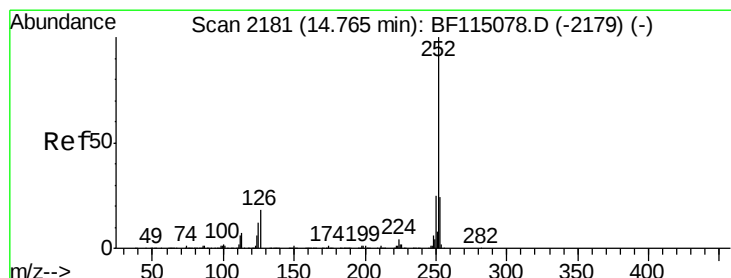
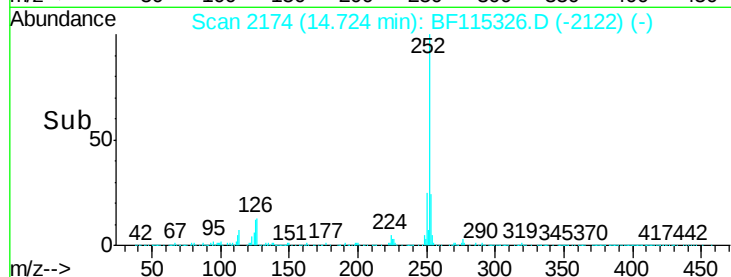
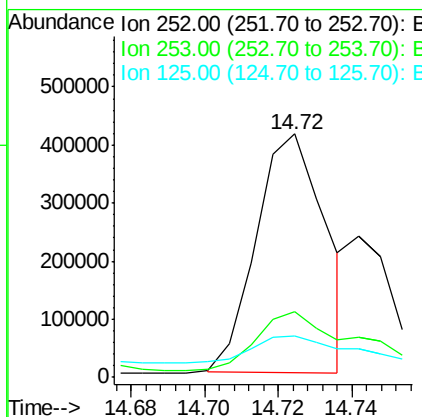
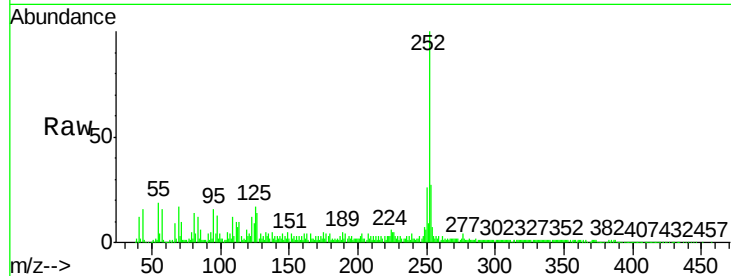
#88
Benzo(b)fluoranthene
Concen: 18.214 ng m
RT: 14.72 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.1	27.1
125	17.2	8.7	13.1

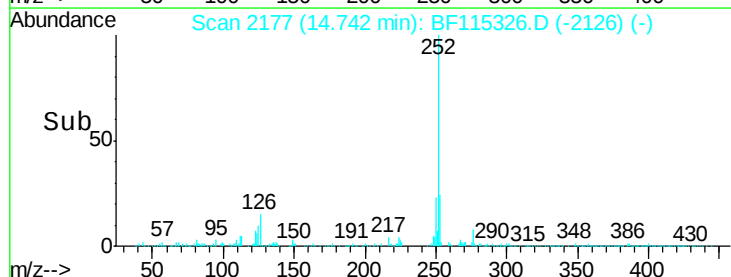
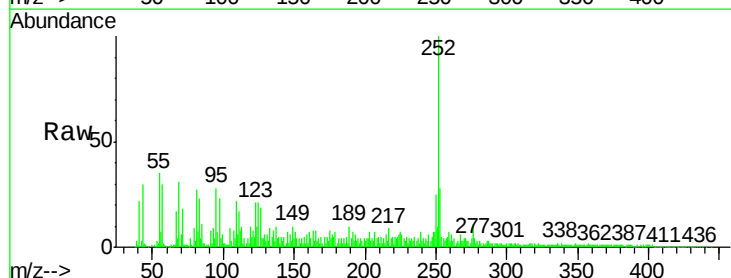
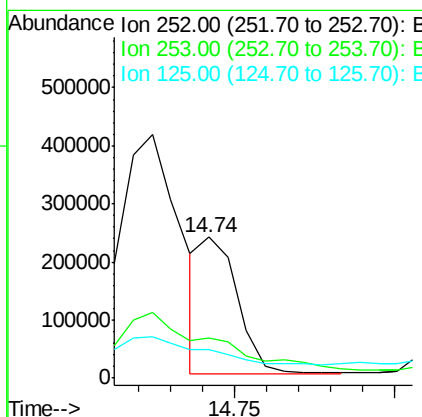
Manual Integrations
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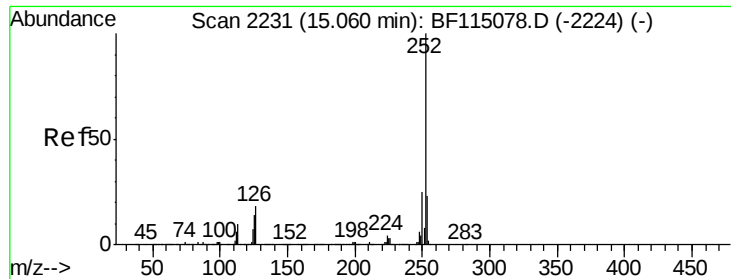
mohammad
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#89
Benzo(k)fluoranthene
Concen: 7.070 ng m
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.9	28.3
125	20.7	10.2	15.2





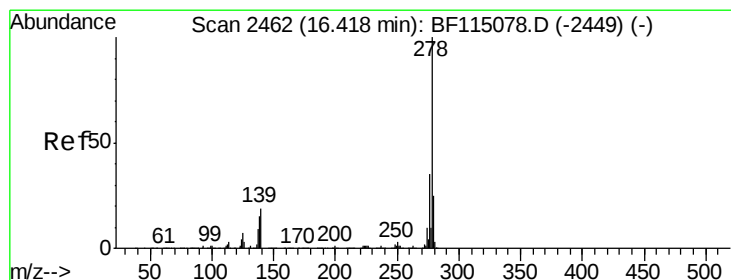
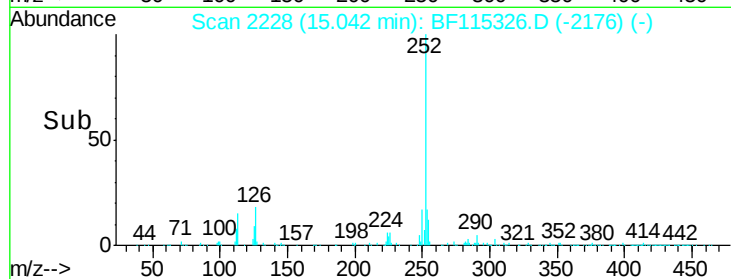
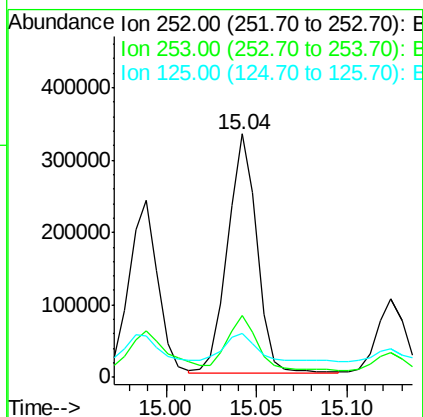
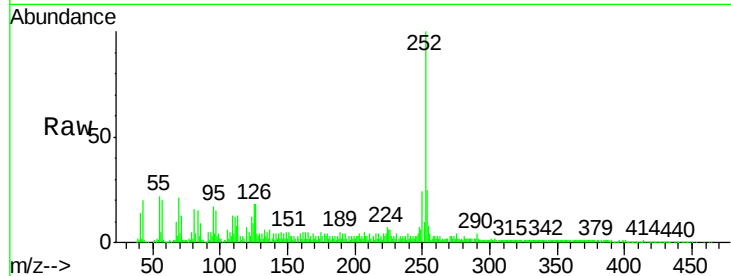
#90
Benzo(a)pyrene
Concen: 13.736 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Instrument :
BNA_F
ClientSampleId :
EO-01-062819-C

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.3	27.5
125	18.0	10.9	16.3

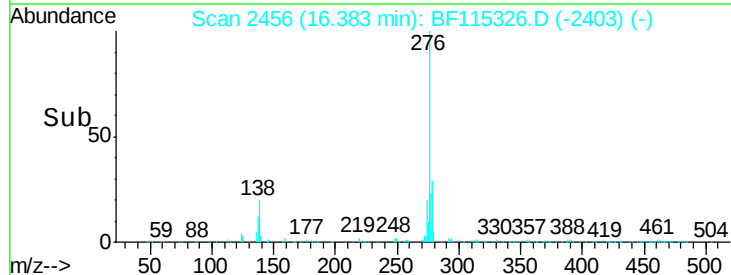
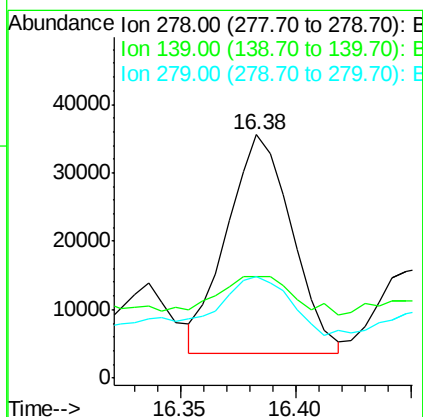
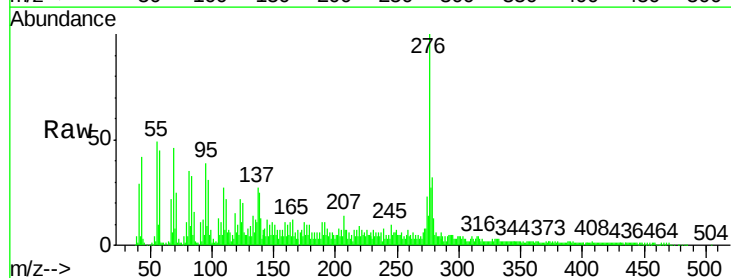
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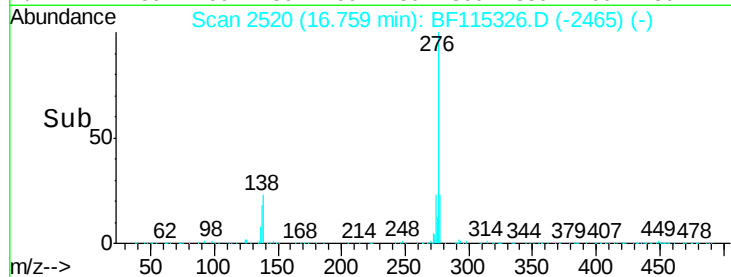
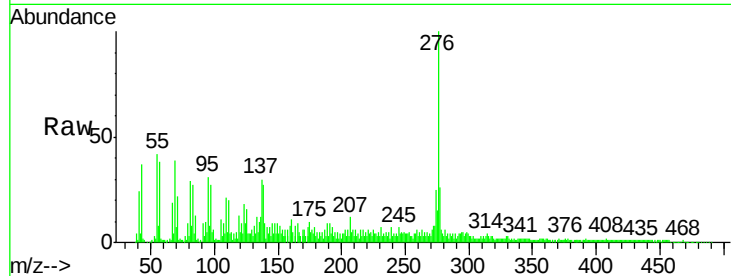
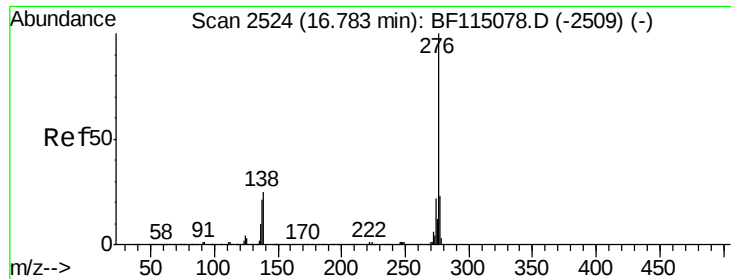
mohammad
7/1/2019 5:59:20 PM



#91
Dibenzo(a,h)anthracene
Concen: 2.501 ng
RT: 16.38 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF115326.D
Acq: 29 Jun 2019 16:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.7	15.4	23.2
279	41.5	19.9	29.9





#92

Benzo(g,h,i)perylene

Concen: 8.854 ng

RT: 16.76 min Scan# 2520

Delta R.T. 0.02 min

Lab File: BF115326.D

Acq: 29 Jun 2019 16:40

Instrument :

BNA_F

ClientSampleId :

EO-01-062819-C

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		223710		
277	26.4	18.6	28.0		
138	27.3	19.8	29.6		

Manual Integrations
APPROVED

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