

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
 Data File : BF124599.D
 Acq On : 16 Jul 2021 16:41
 Operator : JU/CG
 Sample : M3057-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQ-TANK-TESTING-MIDDLE

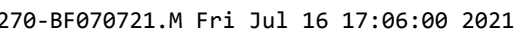
Quant Time: Jul 16 17:05:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

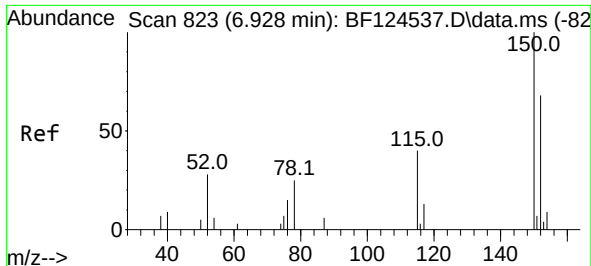
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	7139	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	29056	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	16176	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	30209	20.000	ng	0.00
76) Chrysene-d12	14.092	240	15562	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	12257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	18216	44.209	ng	-0.01
7) Phenol-d6	6.528	99	12342	24.622	ng	-0.02
23) Nitrobenzene-d5	7.486	82	36514	79.330	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	16458	130.744	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	85648	77.210	ng	0.00
79) Terphenyl-d14	13.045	244	94091	101.528	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.486	70	4784	16.976	ng	# 78
25) Isophorone	7.486	82	36513	43.213	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	2143	9.659	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	2143	7.055	ng	# 18
67) 4-Bromophenyl-phenylether	10.757	248	1218	3.899	ng	# 1
77) Benzidine	13.045	184	1469	2.525	ng	# 80

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

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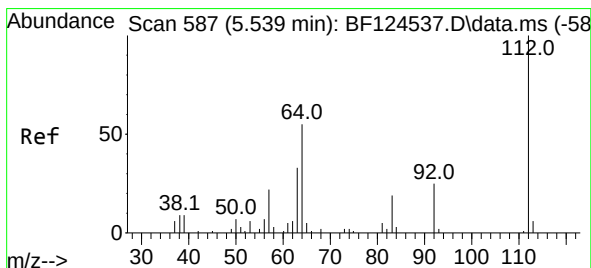
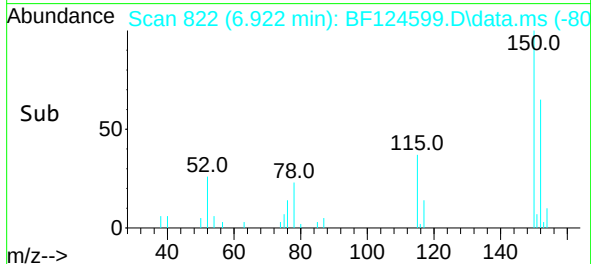
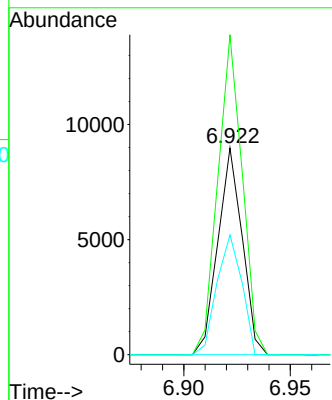
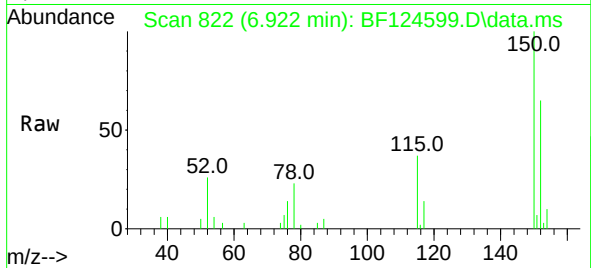




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

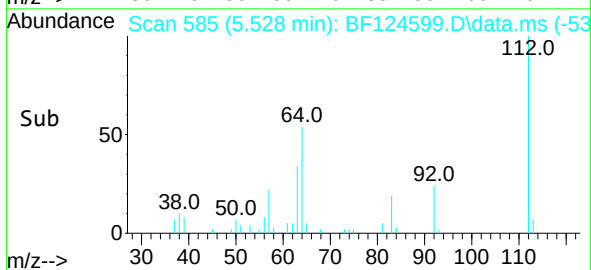
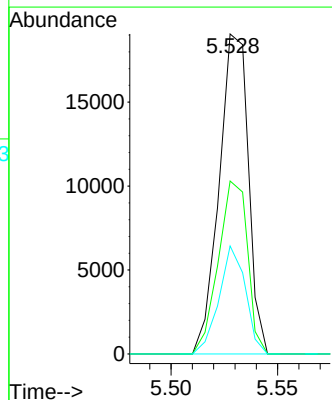
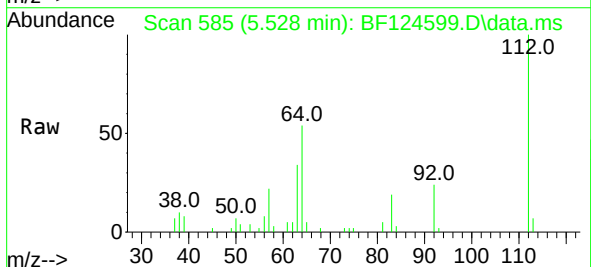
Instrument :
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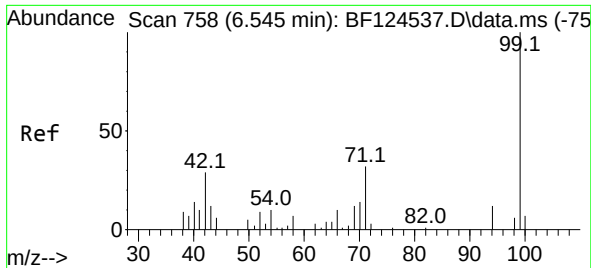
Tgt Ion:152 Resp: 7139
Ion Ratio Lower Upper
152 100
150 154.8 117.6 176.4
115 58.0 47.1 70.7



#5
2-Fluorophenol
Concen: 44.209 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.011 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion:112 Resp: 18216
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 33.7 26.2 39.2

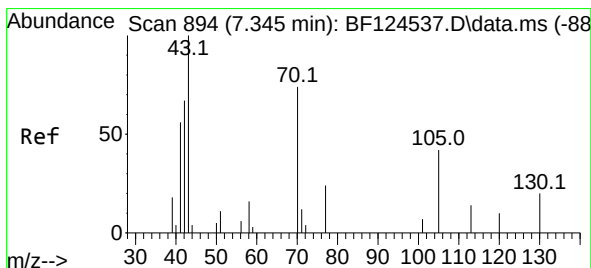
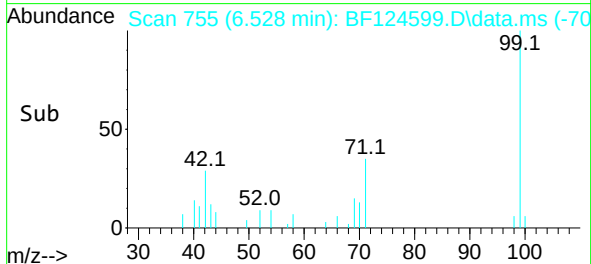
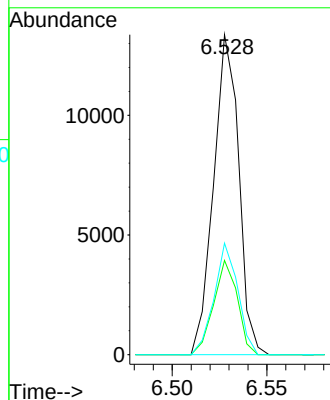
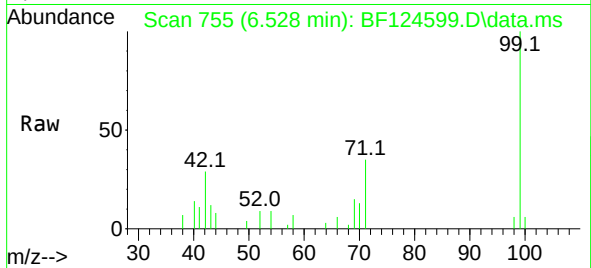




#7
Phenol-d6
Concen: 24.622 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.017 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

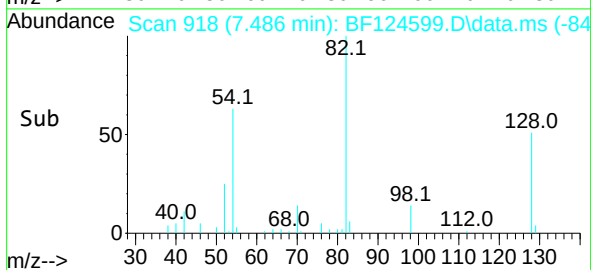
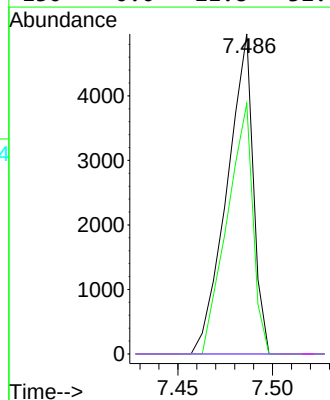
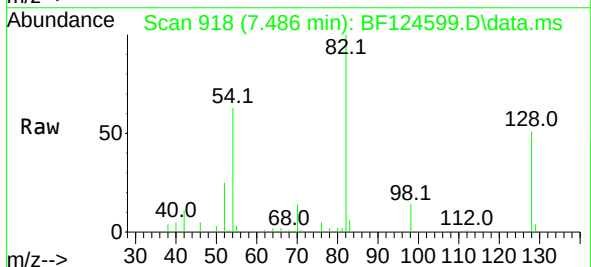
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ClientSampleId :
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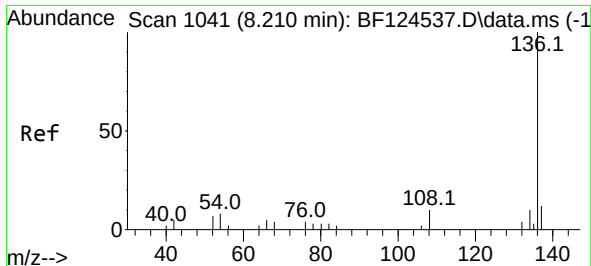
Tgt Ion:	99	Resp:	12342
Ion	Ratio	Lower	Upper
99	100		
42	29.5	23.5	35.3
71	34.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.976 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion:	70	Resp:	4784
Ion	Ratio	Lower	Upper
70	100		
42	78.2	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

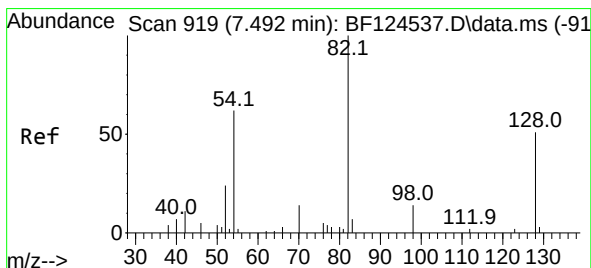
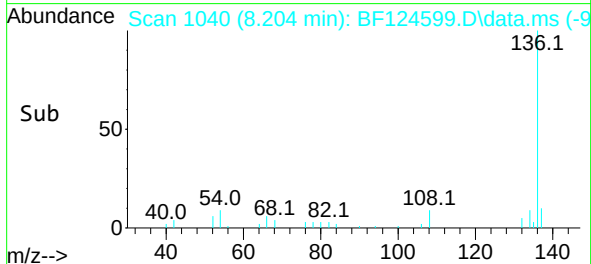
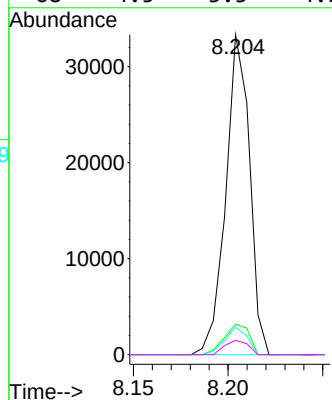
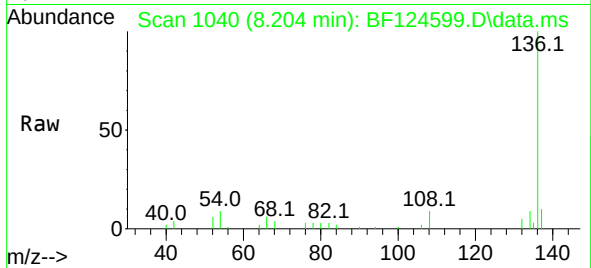




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

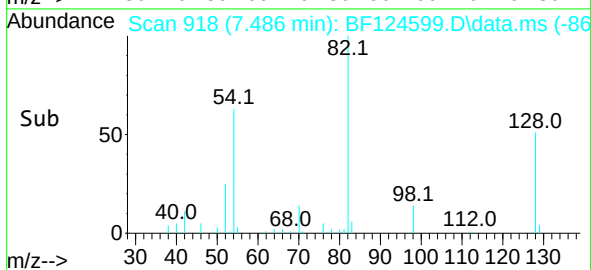
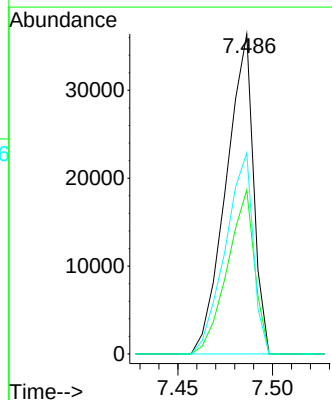
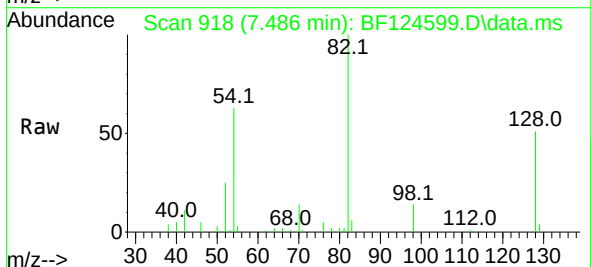
Instrument :
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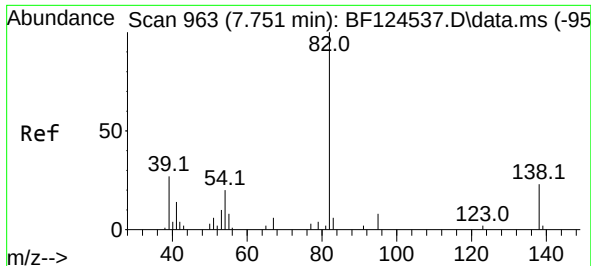
Tgt Ion:136	Resp:	29056
Ion Ratio	Lower	Upper
136	100	
137	9.5	9.8 14.6#
54	8.6	6.4 9.6
68	4.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 79.330 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion: 82	Resp:	36514
Ion Ratio	Lower	Upper
82	100	
128	51.3	40.6 60.8
54	62.8	49.6 74.4

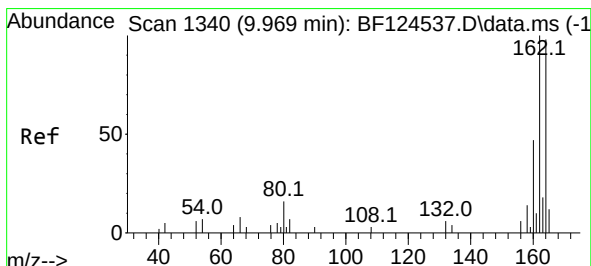
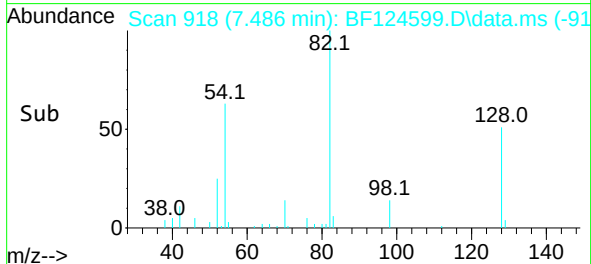
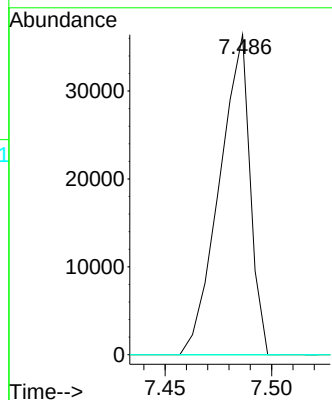
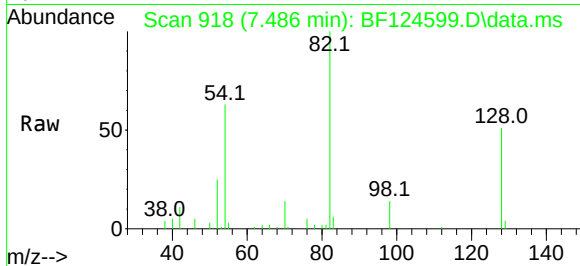




#25
Isophorone
Concen: 43.213 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

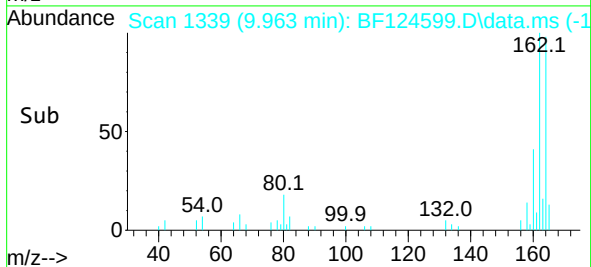
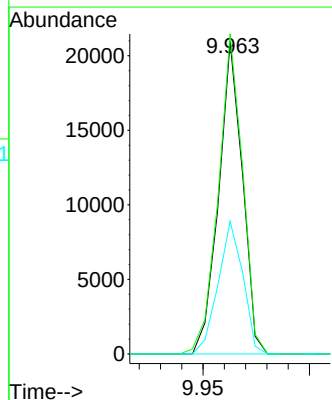
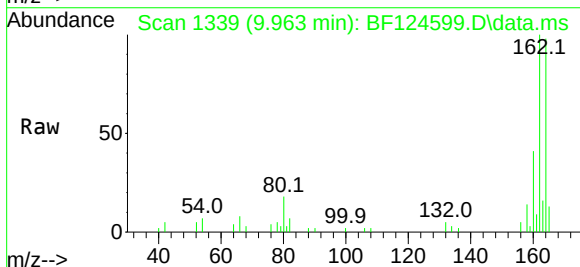
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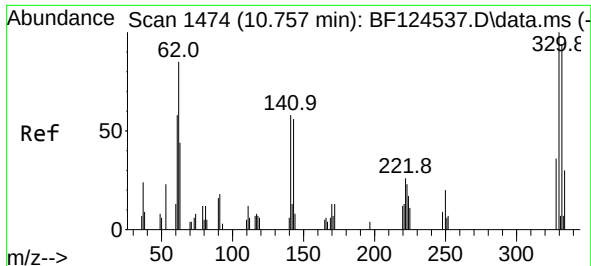
Tgt Ion: 82 Resp: 36513
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion:164 Resp: 16176
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 42.5 38.0 57.0

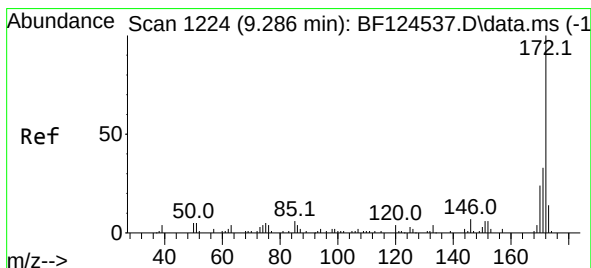
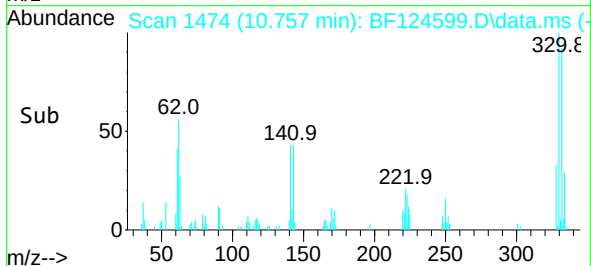
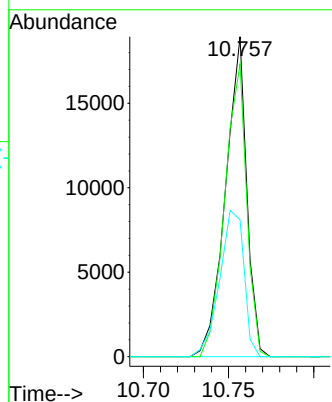
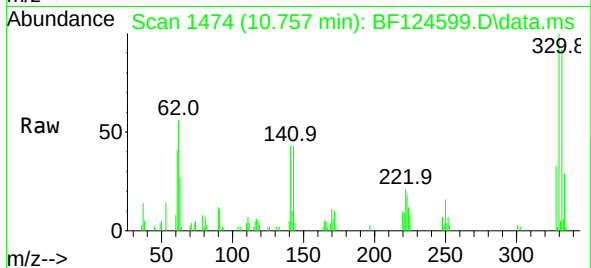




#42
2,4,6-Tribromophenol
Concen: 130.744 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

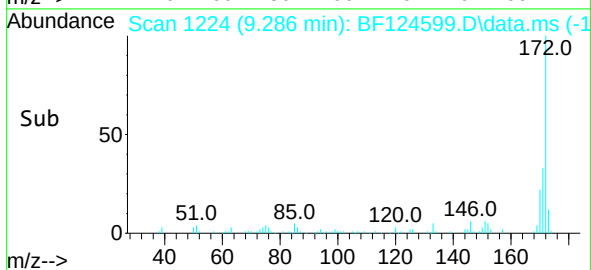
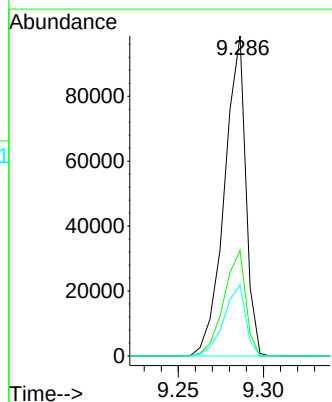
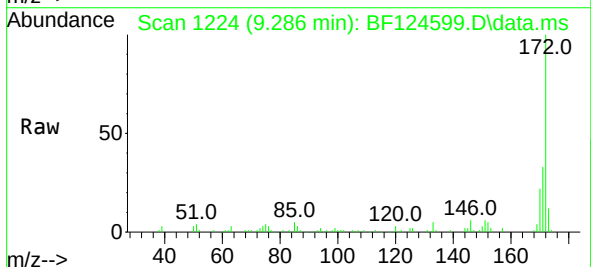
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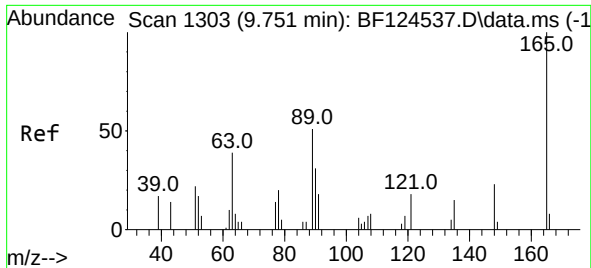
Tgt Ion: 330 Resp: 16458
Ion Ratio Lower Upper
330 100
332 93.9 76.2 114.4
141 52.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 77.210 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion: 172 Resp: 85648
Ion Ratio Lower Upper
172 100
171 33.0 26.5 39.7
170 22.1 18.8 28.2

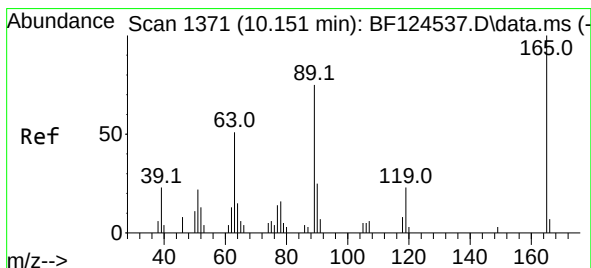
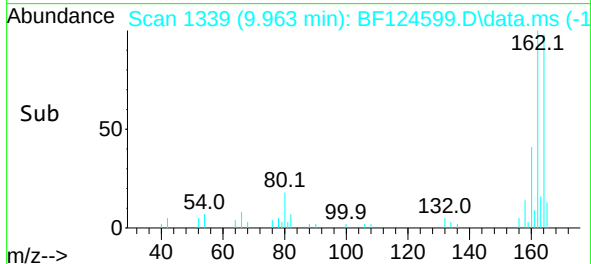
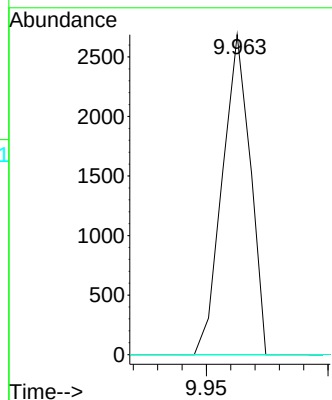
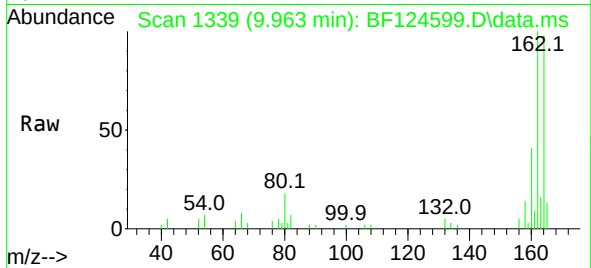




#51
2,6-Dinitrotoluene
Concen: 9.659 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

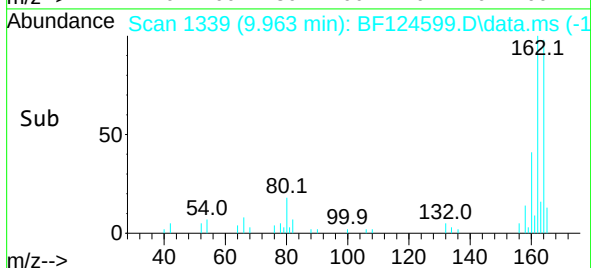
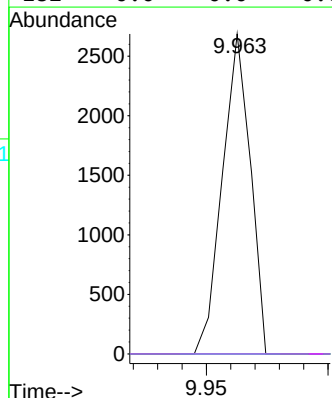
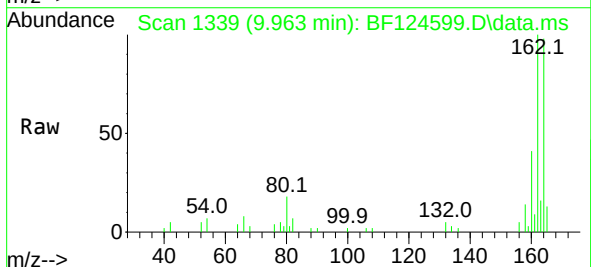
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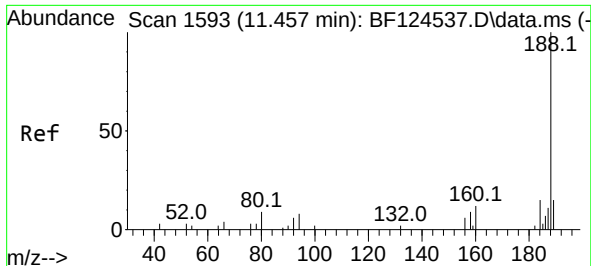
Tgt Ion:165 Resp: 2143
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.055 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion:165 Resp: 2143
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

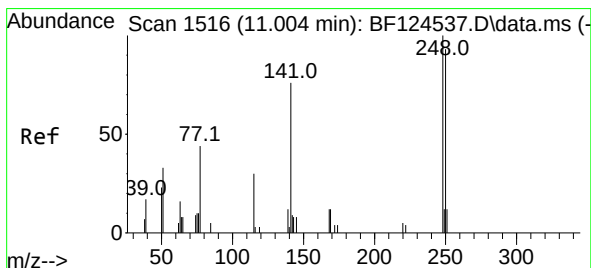
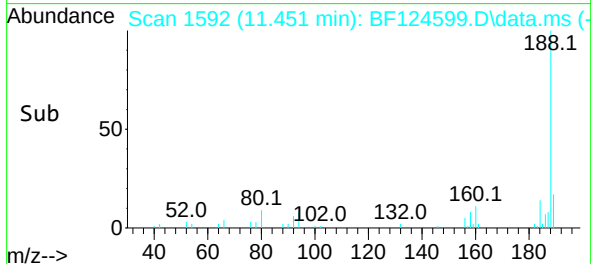
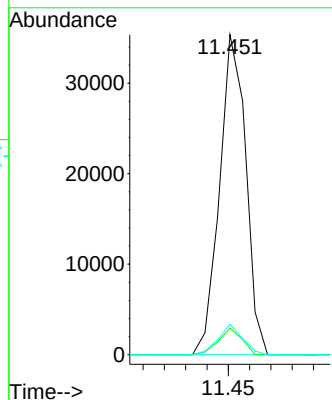
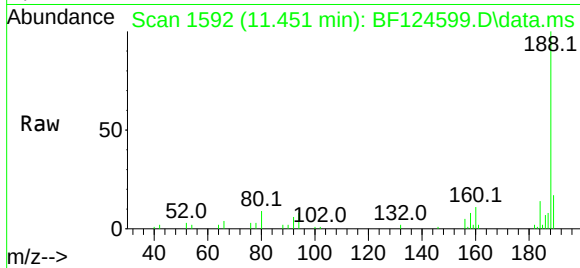




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

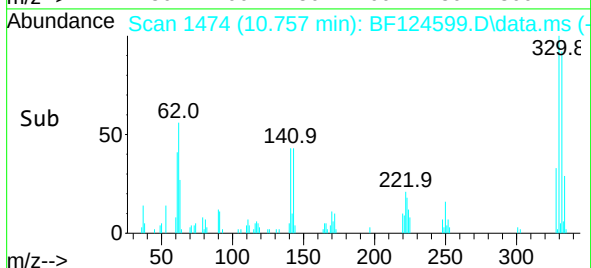
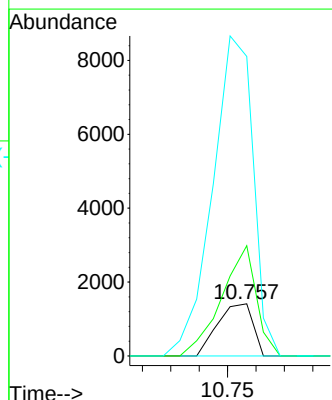
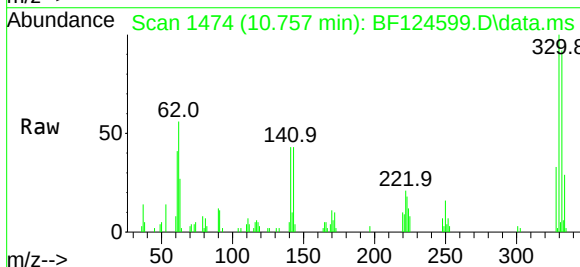
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EQ-TANK-TESTING-MIDDLE

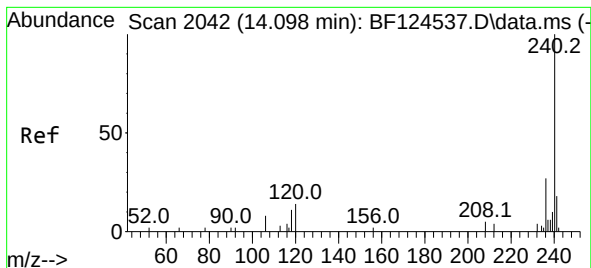
Tgt Ion:188 Resp: 30209
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.899 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion:248 Resp: 1218
Ion Ratio Lower Upper
248 100
250 211.2 74.2 111.4#
141 574.2 60.4 90.6#

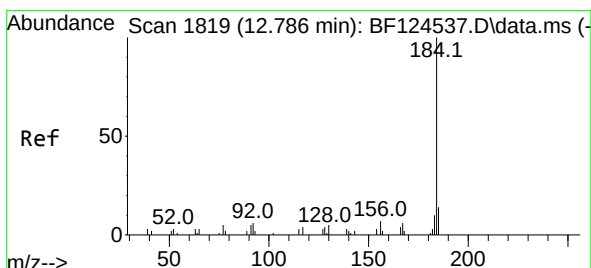
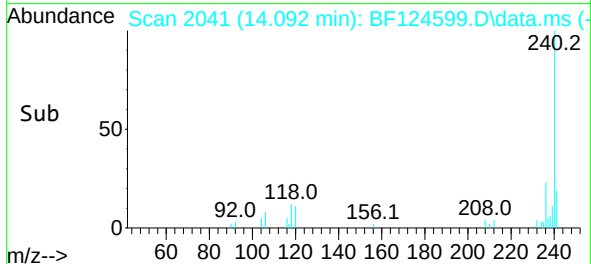
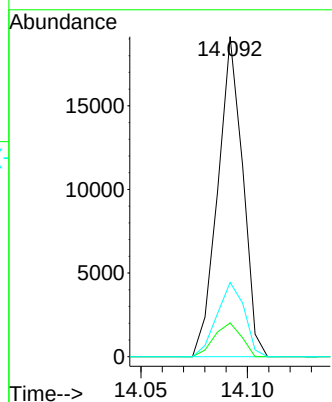
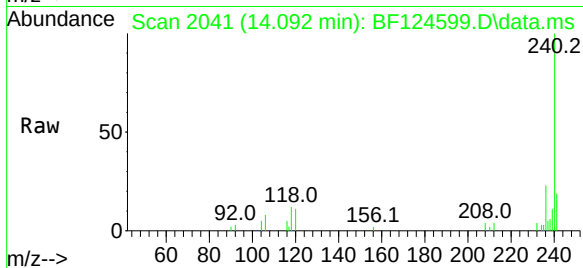




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

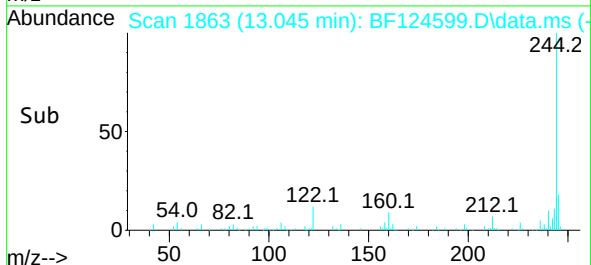
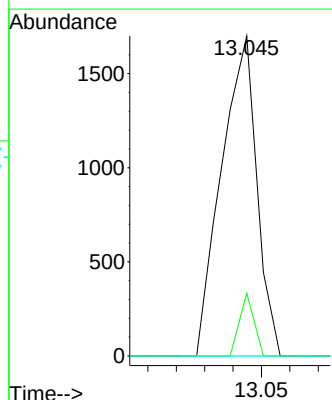
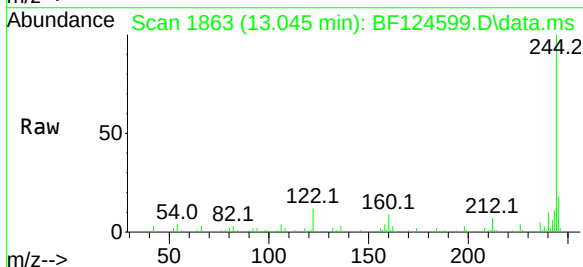
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-TESTING-MIDDLE

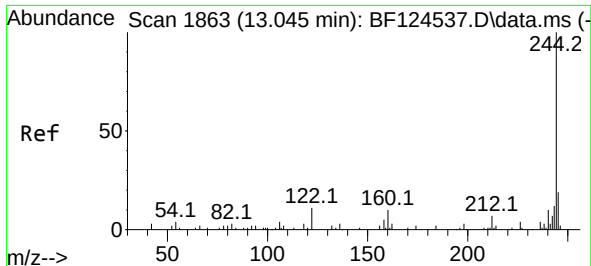
Tgt Ion:240 Resp: 15562
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 23.2 21.6 32.4



#77
Benzidine
Concen: 2.525 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124599.D
Acq: 16 Jul 2021 16:41

Tgt Ion:184 Resp: 1469
Ion Ratio Lower Upper
184 100
185 19.6 10.8 16.2#
183 0.0 8.1 12.1#

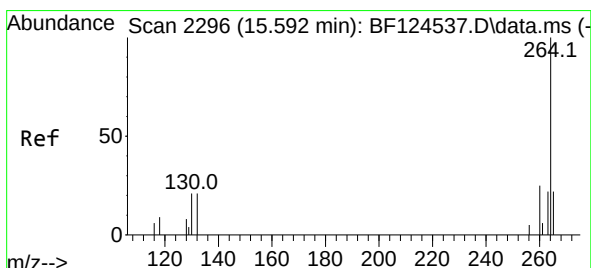
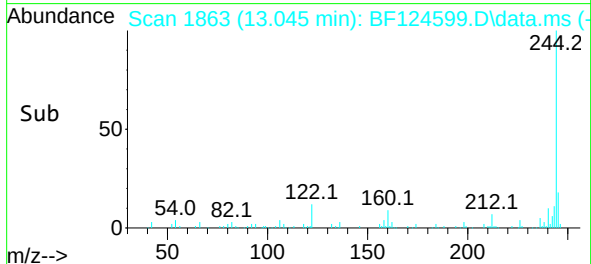
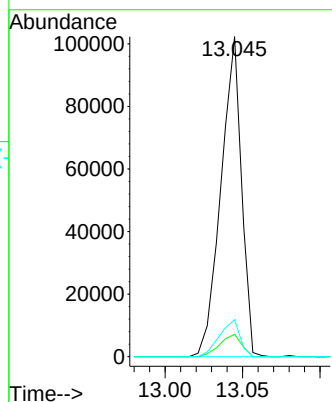
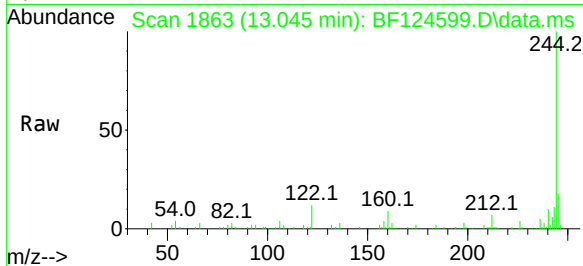




#79
 Terphenyl-d14
 Concen: 101.528 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF124599.D
 Acq: 16 Jul 2021 16:41

Instrument :
 BNA_F
 ClientSampleId :
 EQ-TANK-TESTING-MIDDLE

Tgt Ion:244	Resp:	94091
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	11.6	9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124599.D
 Acq: 16 Jul 2021 16:41

Tgt Ion:264	Resp:	12257
Ion Ratio	Lower	Upper
264	100	
260	22.9	19.6 29.4
265	21.1	17.2 25.8

