

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124579.D
 Acq On : 15 Jul 2021 19:05
 Operator : JU/CG
 Sample : M3026-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ABN-JG-1

Quant Time: Jul 16 02:51:39 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)

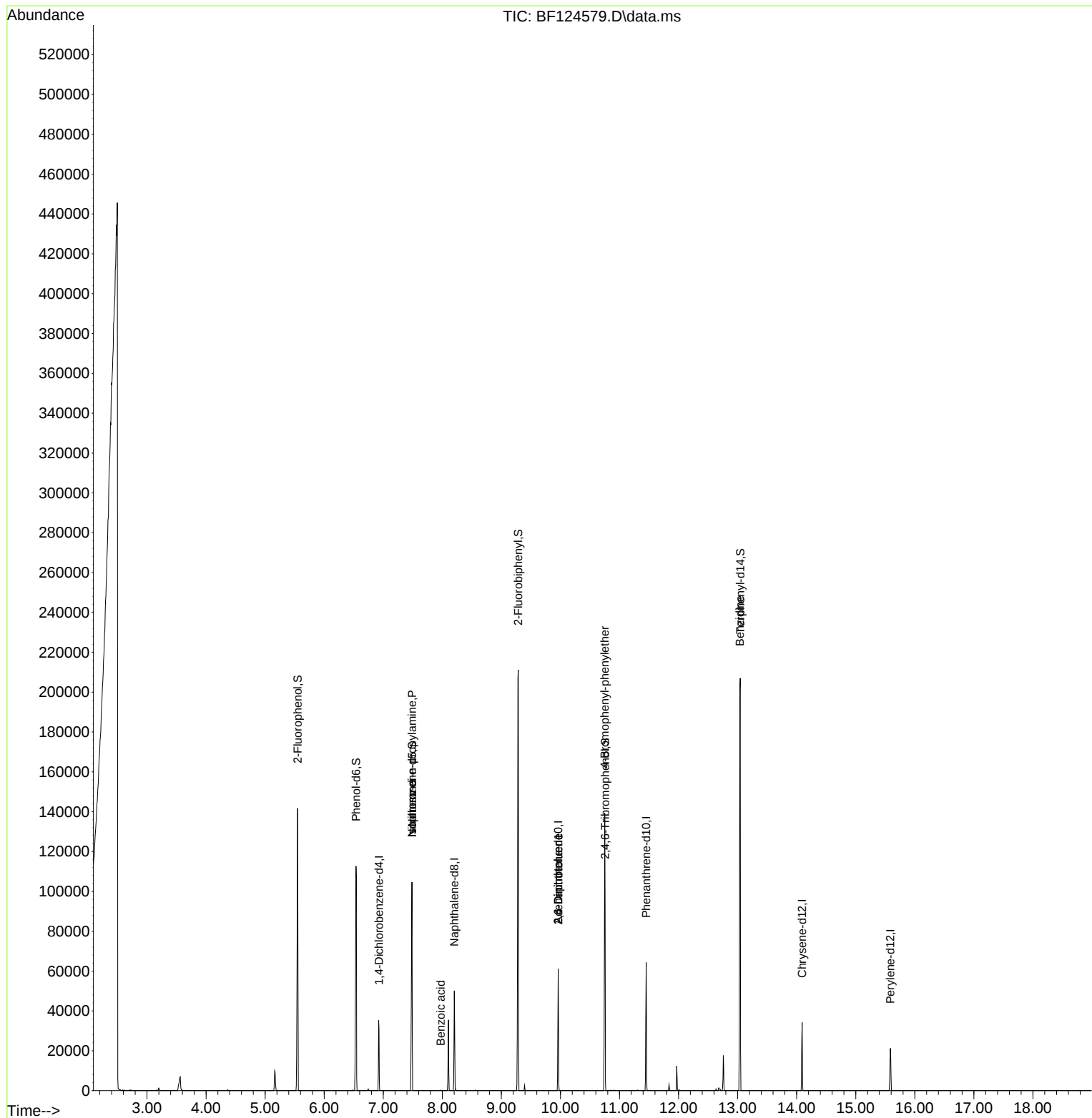
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	5234	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	21540	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	12254	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	21986	20.00	ng	0.00
76) Chrysene-d12	14.092	240	12579	20.00	ng	# 0.00
86) Perylene-d12	15.586	264	11479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	38371	127.02	ng	0.01
7) Phenol-d6	6.539	99	41471	112.85	ng	0.00
23) Nitrobenzene-d5	7.486	82	29853	87.49	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	12784	134.06	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	72098	85.80	ng	0.00
79) Terphenyl-d14	13.045	244	74322	99.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.486	70	3805	18.42	ng	# 79
25) Isophorone	7.486	82	29851	47.66	ng	# 59
32) Benzoic acid	7.975	122	116	5.73	ng	# 1
51) 2,6-Dinitrotoluene	9.963	165	1508	8.97	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1508	6.55	ng	# 18
67) 4-Bromophenyl-phenylether	10.751	248	997	4.39	ng	# 1
77) Benzidine	13.039	184	1067	2.27	ng	# 69

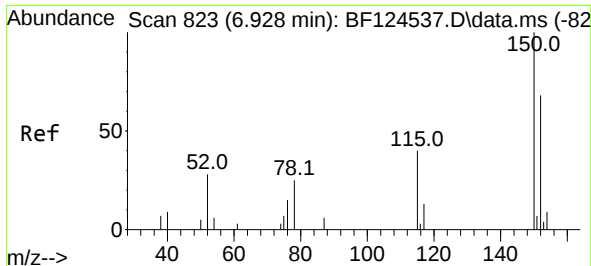
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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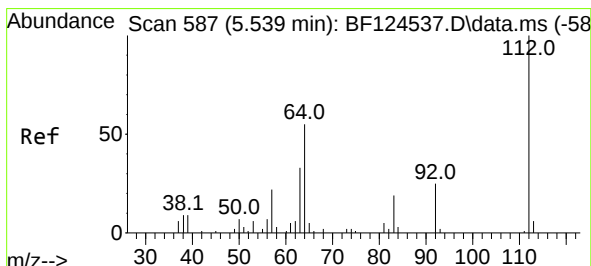
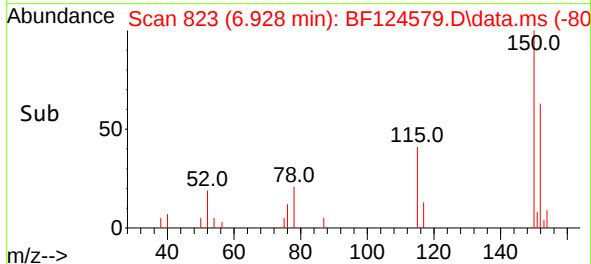
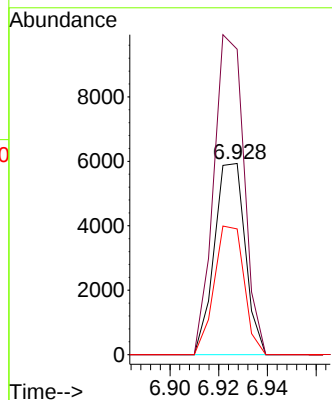
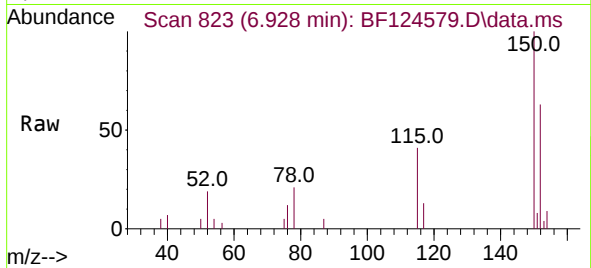




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

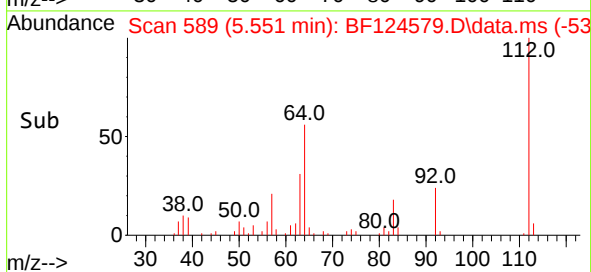
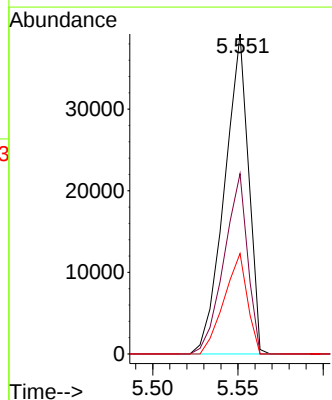
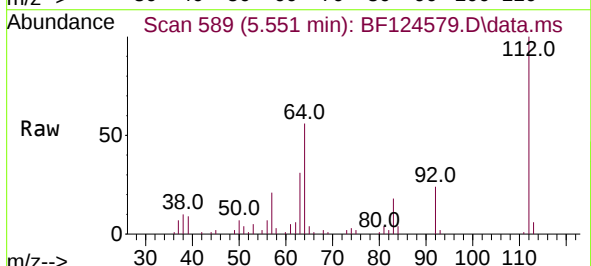
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

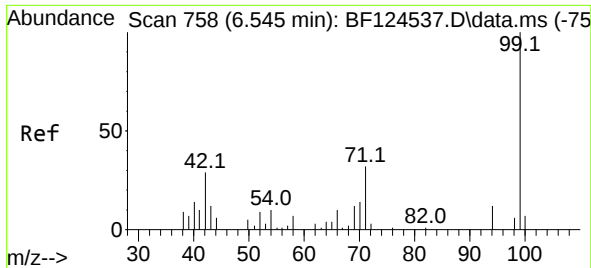
Tgt Ion:152 Resp: 5234
Ion Ratio Lower Upper
152 100
150 159.8 117.6 176.4
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 127.02 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Tgt Ion:112 Resp: 38371
Ion Ratio Lower Upper
112 100
64 56.4 44.2 66.2
63 31.4 26.2 39.2

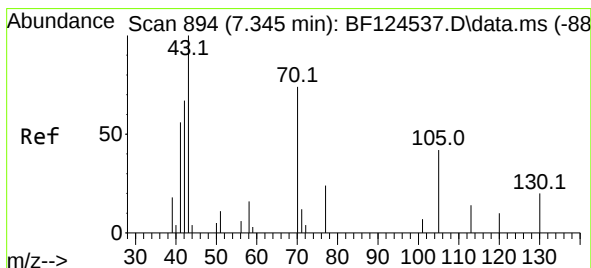
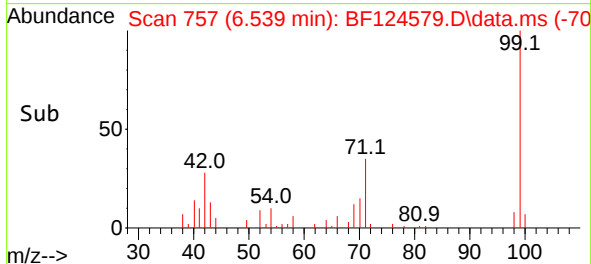
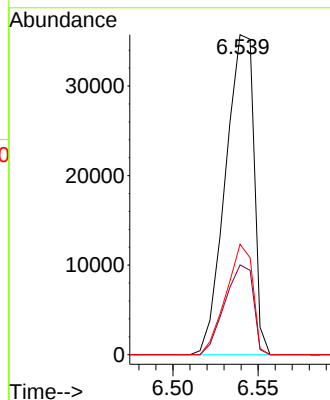
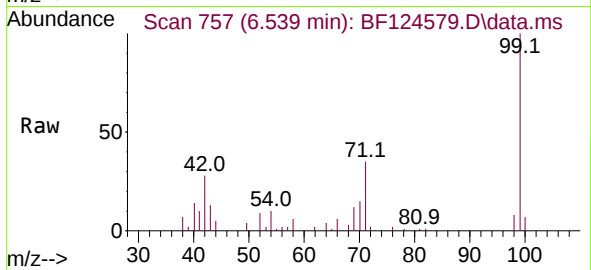




#7
Phenol-d6
Concen: 112.85 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

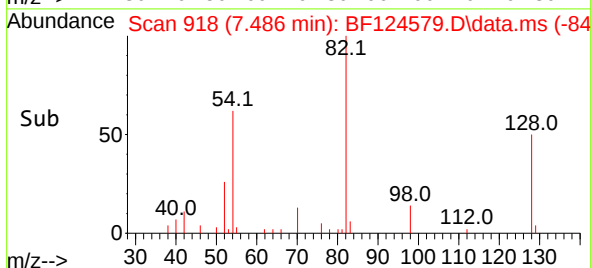
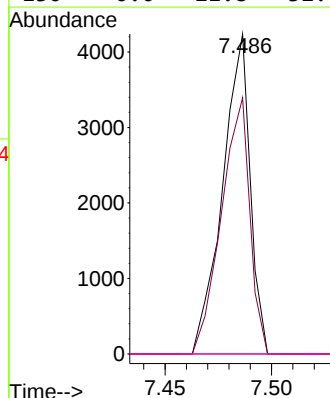
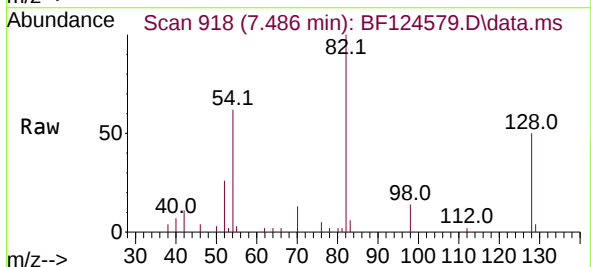
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

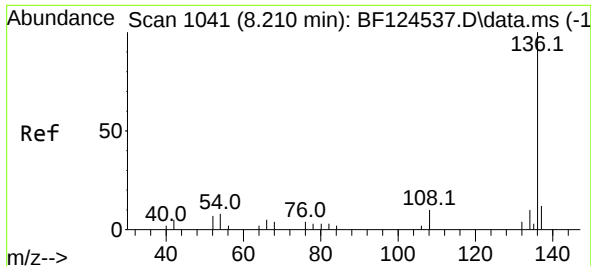
Tgt Ion:	99	Resp:	41471
Ion	Ratio	Lower	Upper
99	100		
42	28.0	23.5	35.3
71	34.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.42 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Tgt Ion:	70	Resp:	3805
Ion	Ratio	Lower	Upper
70	100		
42	80.0	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

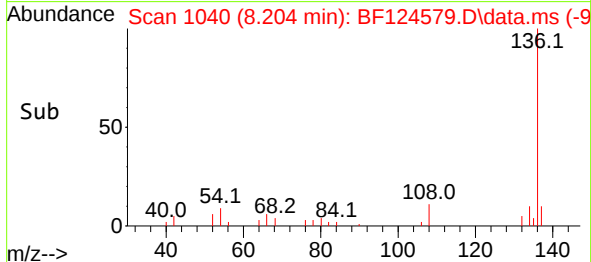
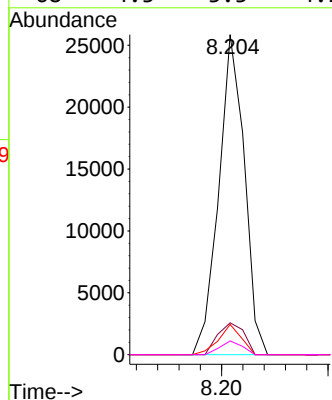
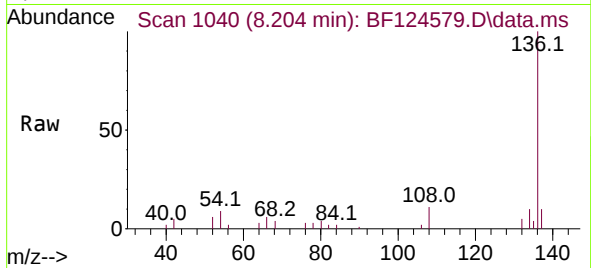




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

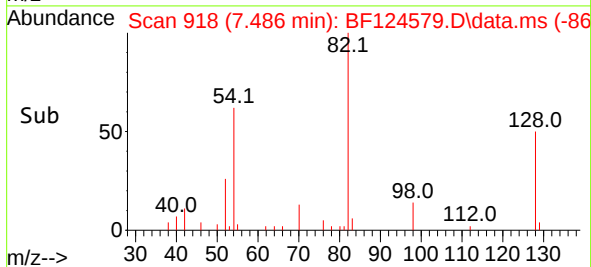
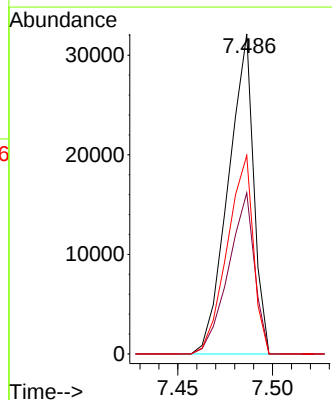
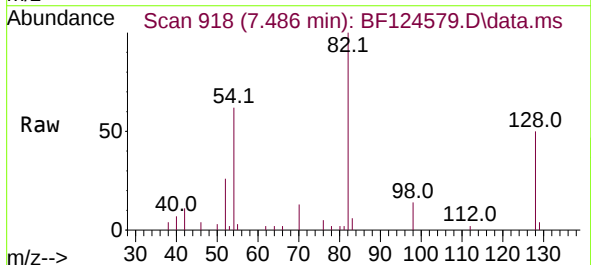
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

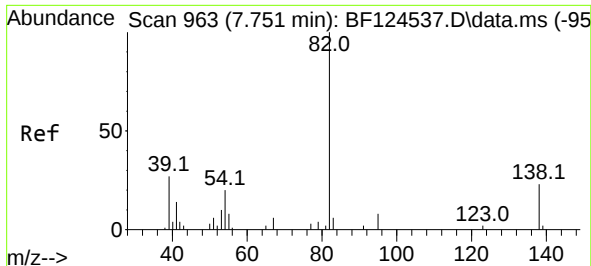
Tgt Ion:136	Resp:	21540
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.8 14.6
54	9.4	6.4 9.6
68	4.3	3.3 4.9



#23
Nitrobenzene-d5
Concen: 87.49 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Tgt Ion: 82	Resp:	29853
Ion Ratio	Lower	Upper
82	100	
128	50.4	40.6 60.8
54	62.0	49.6 74.4

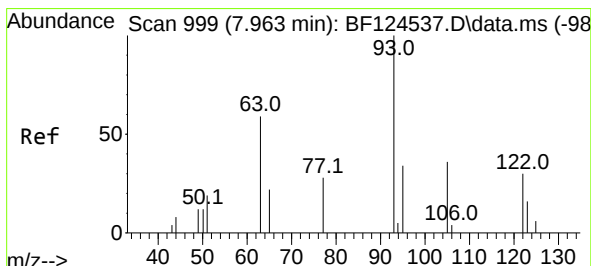
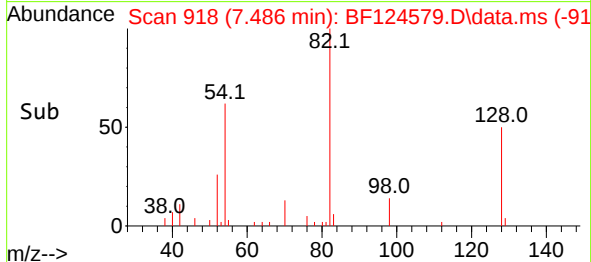
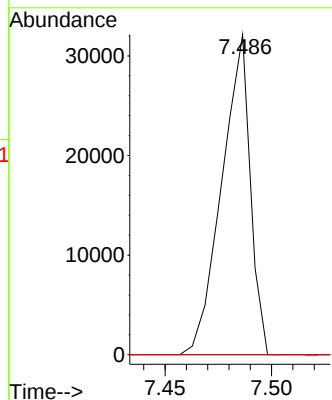
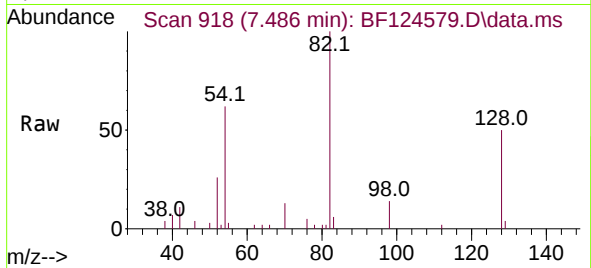




#25
Isophorone
Concen: 47.66 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

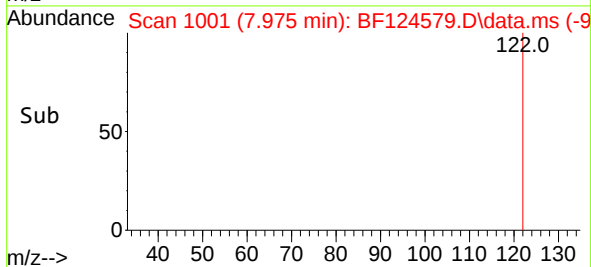
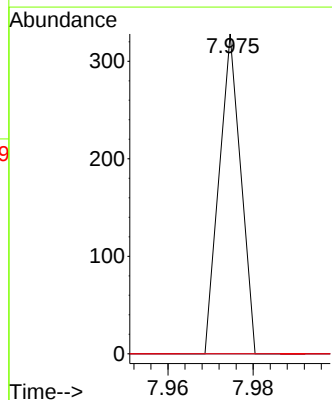
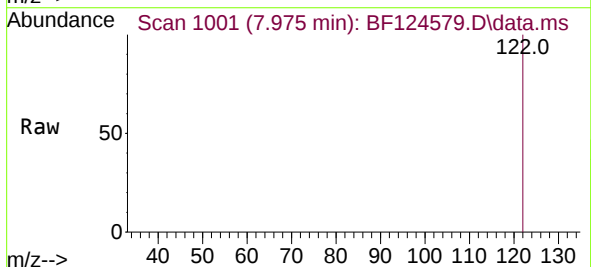
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

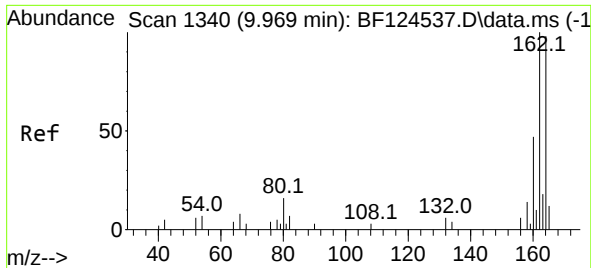
Tgt Ion: 82 Resp: 29851
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 5.73 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 0.0 59.6 99.6#

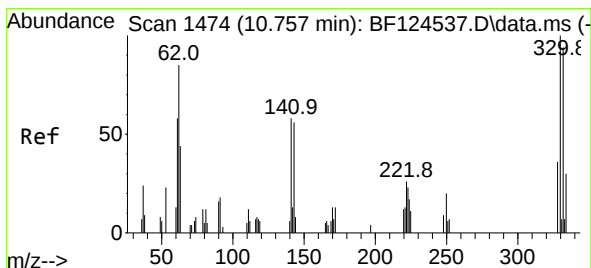
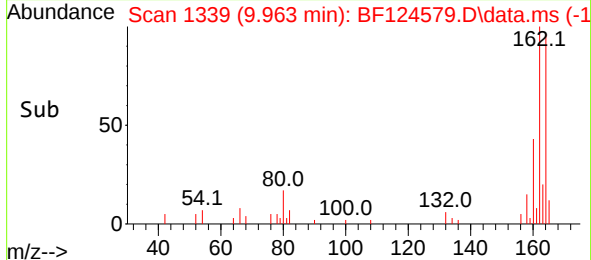
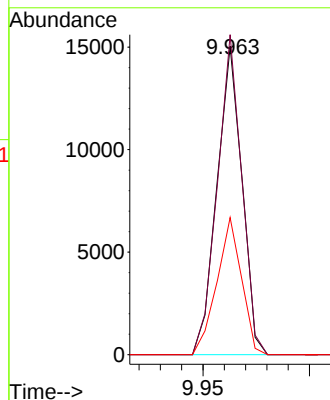
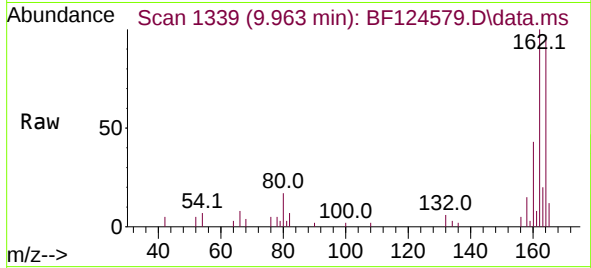




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

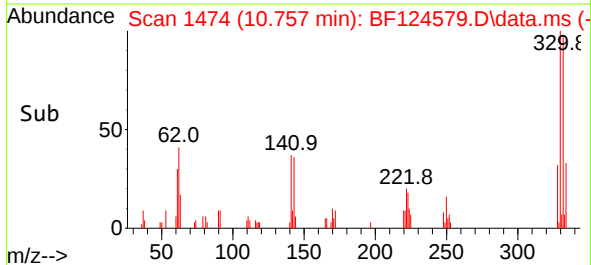
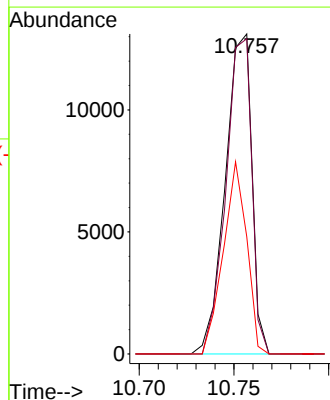
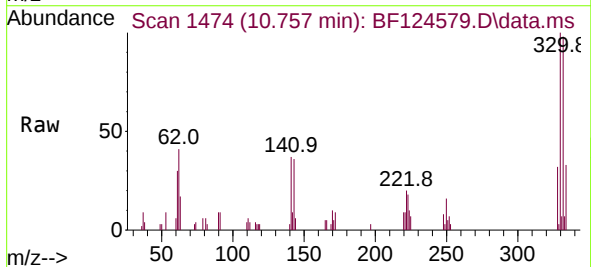
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ClientSampleId :
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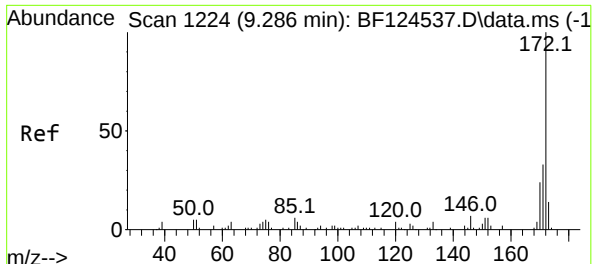
Tgt Ion:164	Resp:	12254
Ion Ratio	Lower	Upper
164	100	
162	103.7	81.3 121.9
160	44.4	38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 134.06 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

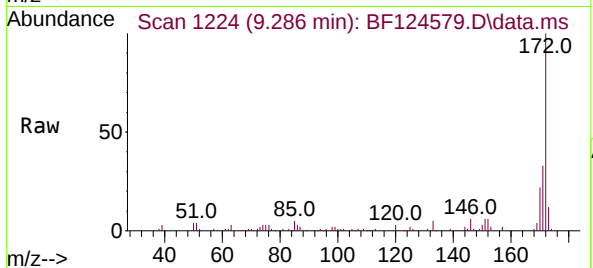
Tgt Ion:330	Resp:	12784
Ion Ratio	Lower	Upper
330	100	
332	95.7	76.2 114.4
141	52.9	44.6 66.8



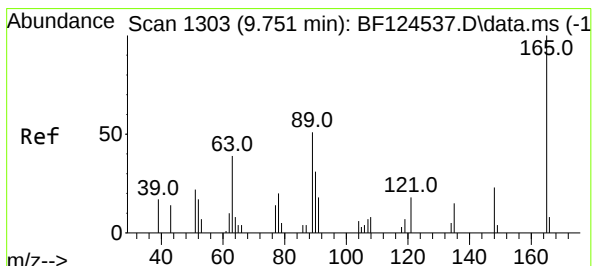
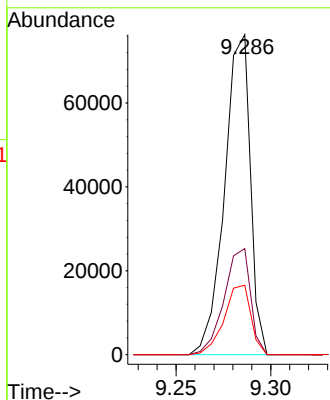
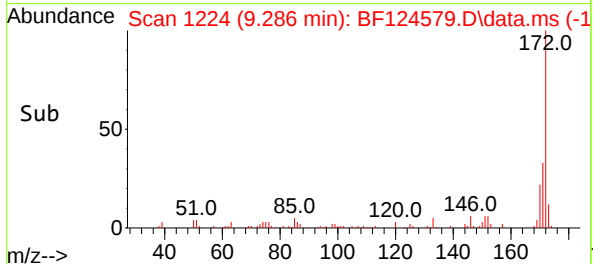


#45
2-Fluorobiphenyl
Concen: 85.80 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

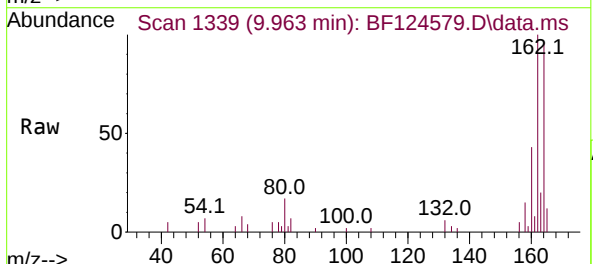
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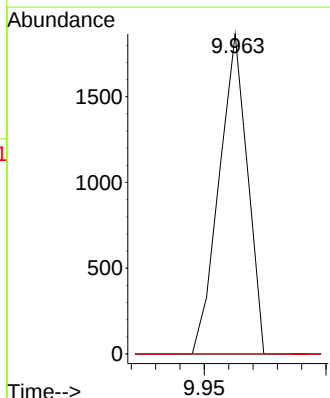
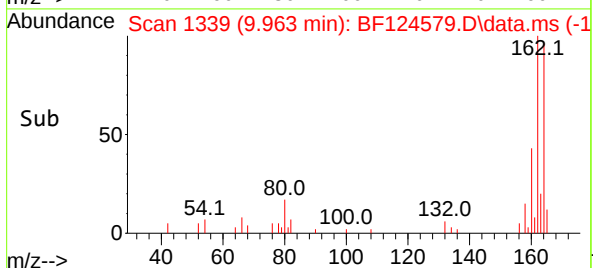
Tgt Ion:	172	Resp:	72098
Ion Ratio	Lower	Upper	
172	100		
171	33.2	26.5	39.7
170	21.7	18.8	28.2

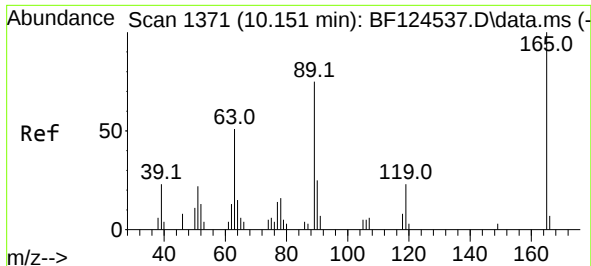


#51
2,6-Dinitrotoluene
Concen: 8.97 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05



Tgt Ion:	165	Resp:	1508
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.6	63.8#
89	0.0	40.6	60.8#

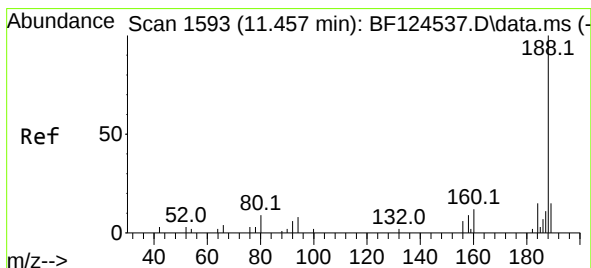
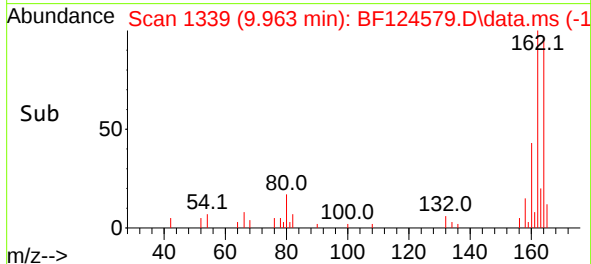
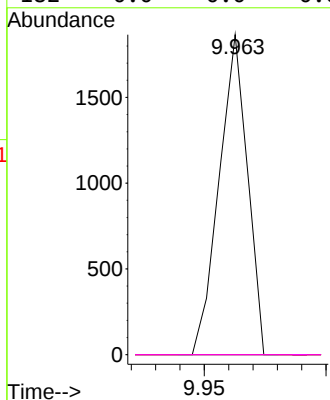
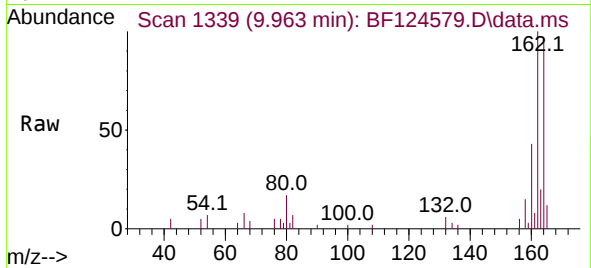




#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

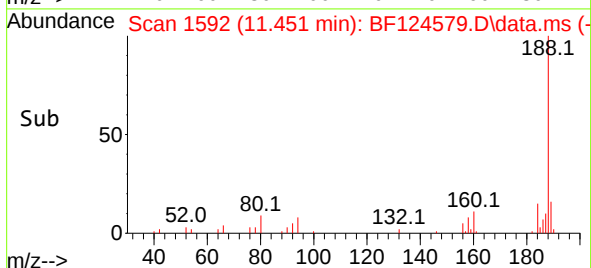
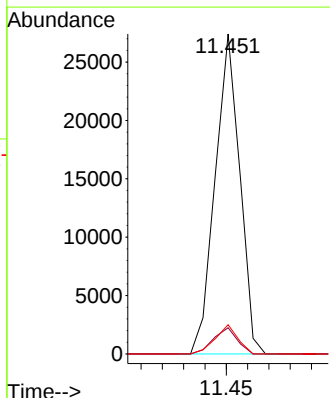
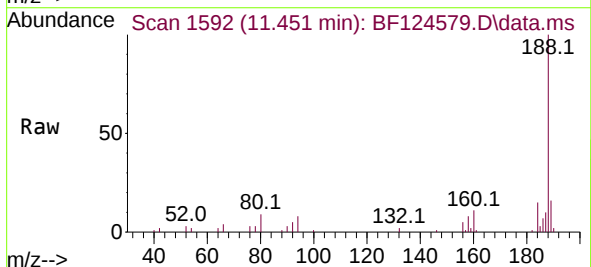
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

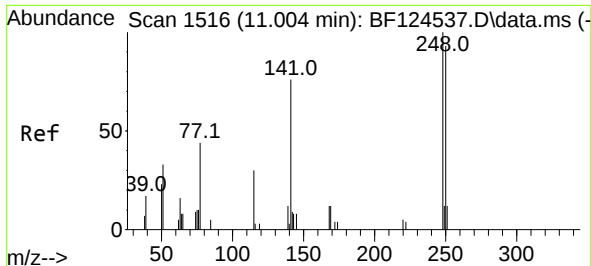
Tgt Ion:	165	Resp:	1508
Ion Ratio	Lower	Upper	
165	100		
63	0.0	40.9	61.3#
89	0.0	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Tgt Ion:	188	Resp:	21986
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.7	10.1
80	9.2	7.5	11.3

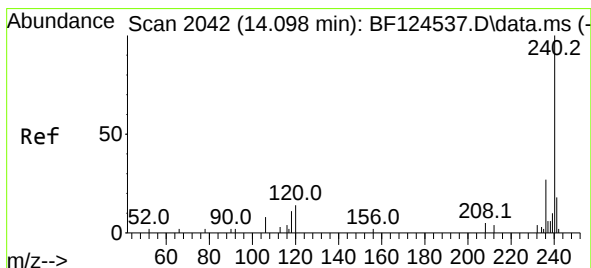
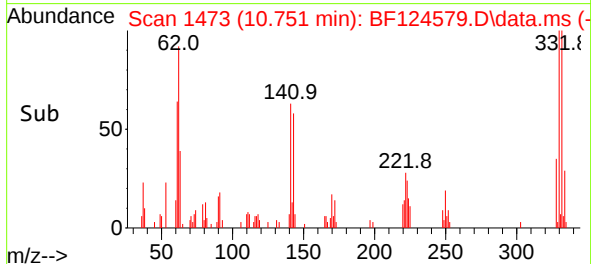
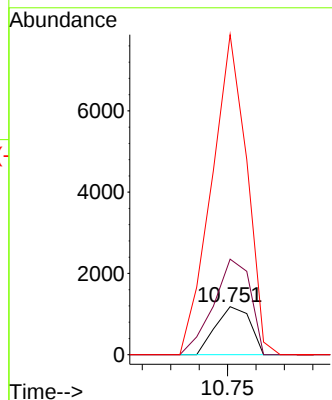
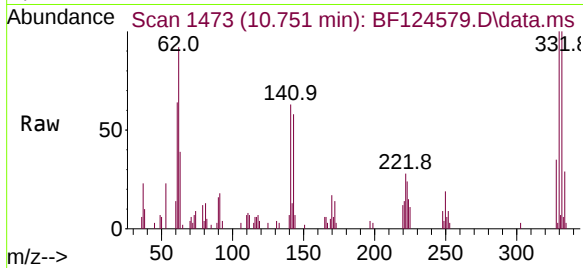




#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

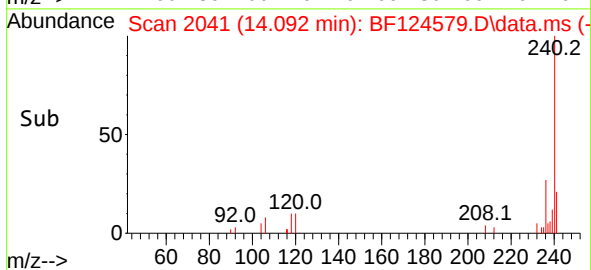
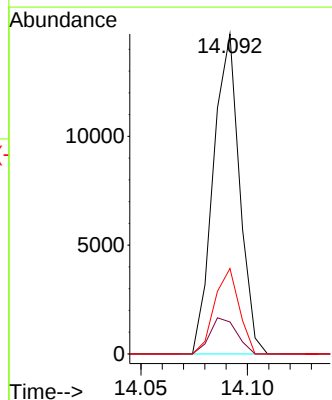
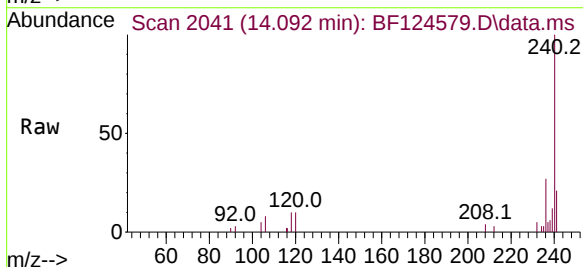
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

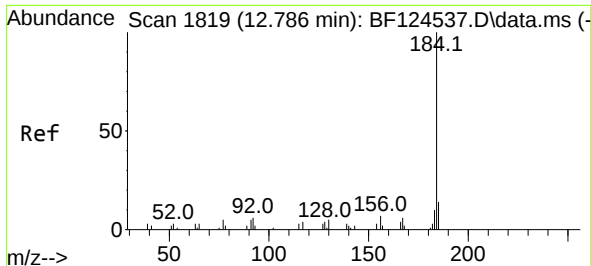
Tgt Ion:248 Resp: 997
Ion Ratio Lower Upper
248 100
250 199.2 74.2 111.4#
141 667.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Tgt Ion:240 Resp: 12579
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.7 21.6 32.4

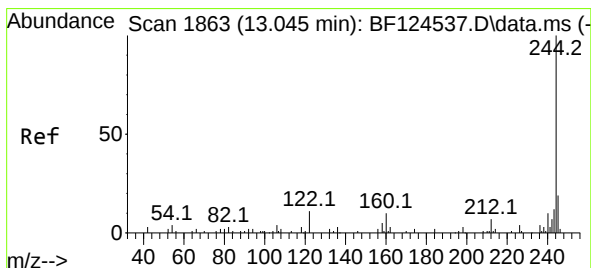
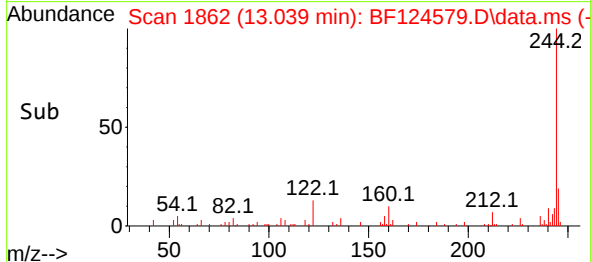
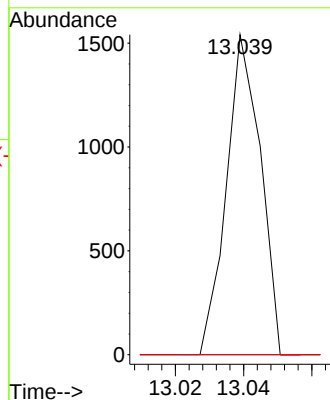
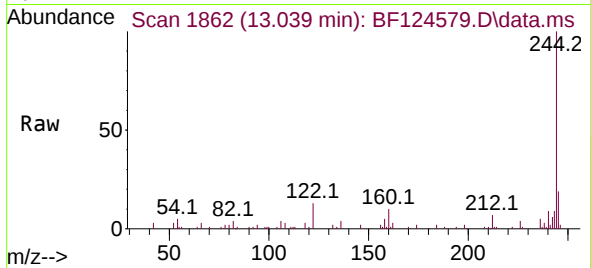




#77
Benzidine
Concen: 2.27 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.253 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

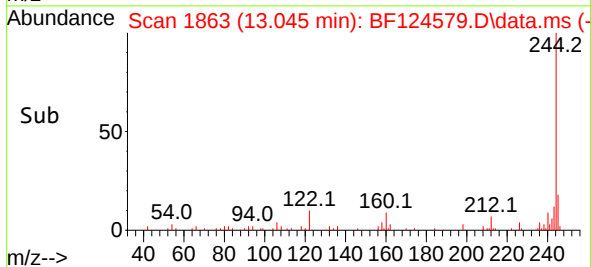
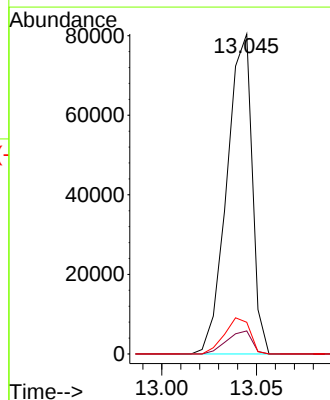
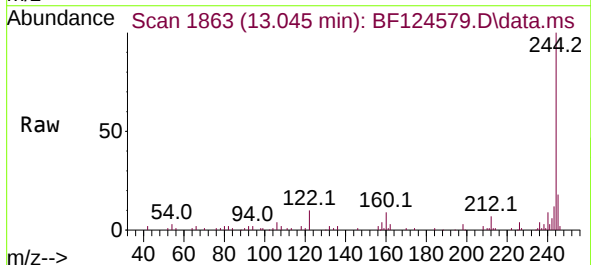
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

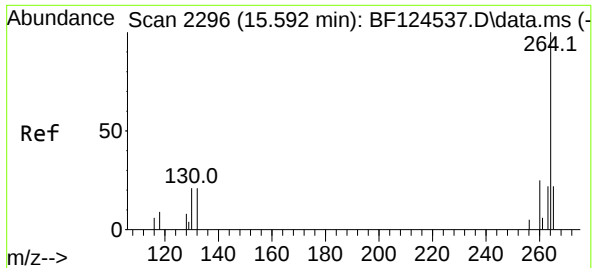
Tgt Ion:184 Resp: 1067
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 99.21 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Tgt Ion:244 Resp: 74322
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.9 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124579.D
Acq: 15 Jul 2021 19:05

Instrument :
BNA_F
ClientSampleId :
ABN-JG-1

Tgt Ion:	264	Resp:	11479
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.6	29.4
265	21.1	17.2	25.8

