

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122979.D
 Acq On : 18 Jan 2021 9:47
 Operator : JU/CG
 Sample : PB134146TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134146TB

Quant Time: Jan 18 11:57:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:28:32 2021
 Response via : Initial Calibration

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

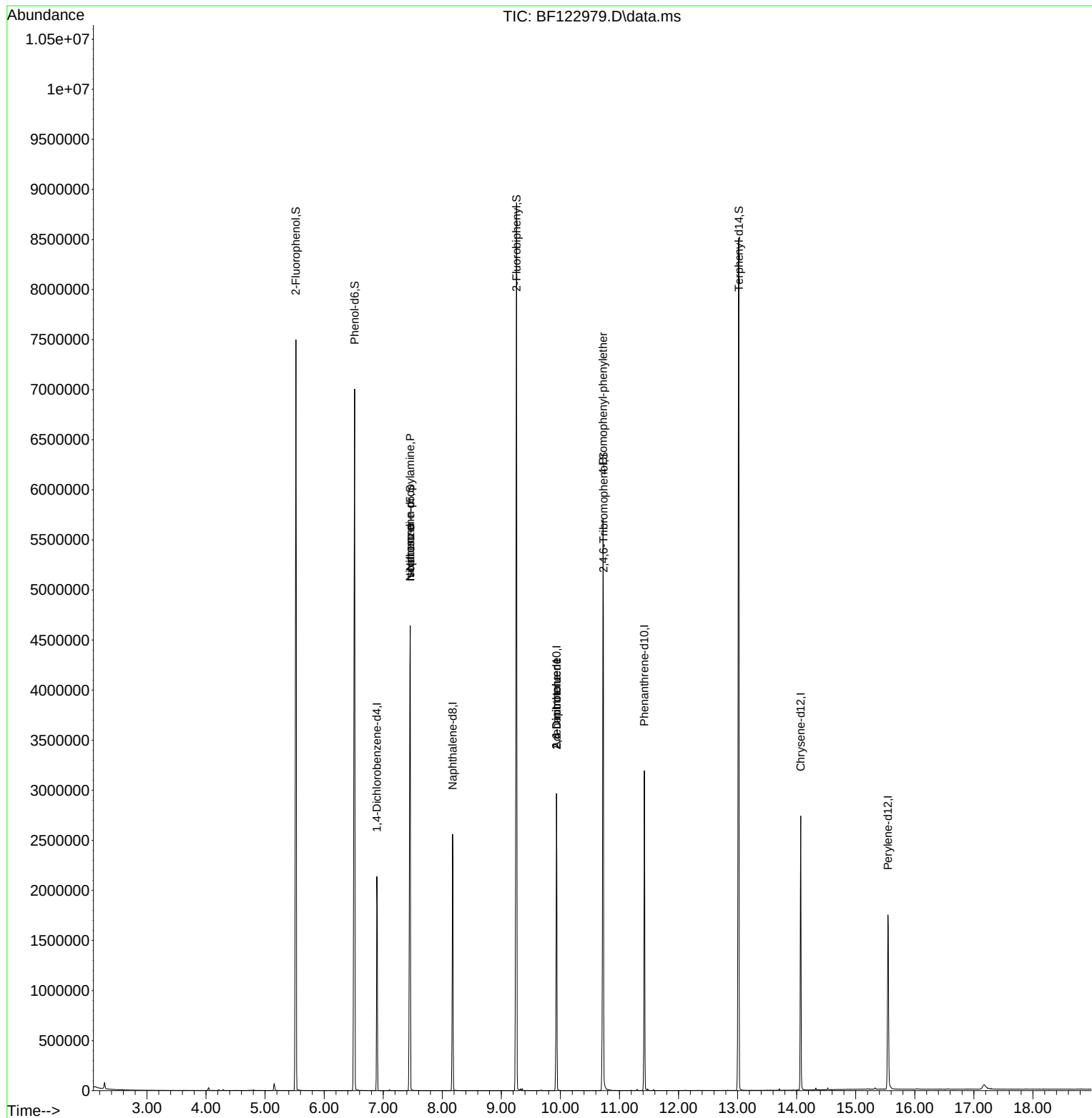
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	309886	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1266522	20.00	ng	# 0.00
39) Acenaphthene-d10	9.934	164	630899	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	1083684	20.00	ng	# 0.00
76) Chrysene-d12	14.069	240	861951	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	795102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2264502	110.46	ng	0.01
7) Phenol-d6	6.516	99	2836291	102.94	ng	0.00
23) Nitrobenzene-d5	7.457	82	1806830	73.41	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	793087	111.16	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3044079	67.56	ng	0.00
79) Terphenyl-d14	13.022	244	2973505	63.25	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	3977	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	241234	14.78	ng	# 81
25) Isophorone	7.457	82	1802122	41.04	ng	# 65
51) 2,6-Dinitrotoluene	9.934	165	82597	7.71	ng	# 31
57) 2,4-Dinitrotoluene	9.934	165	82597	6.00	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	48763	3.68	ng	# 1

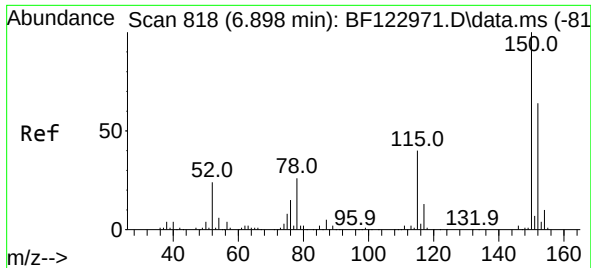
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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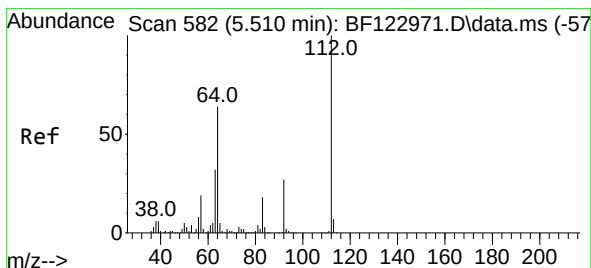
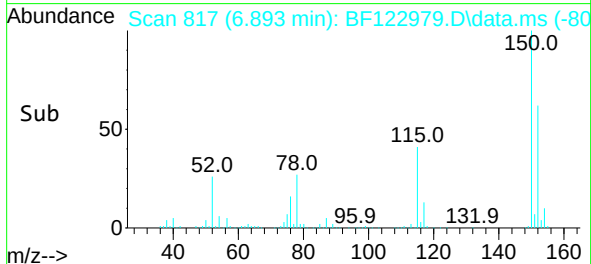
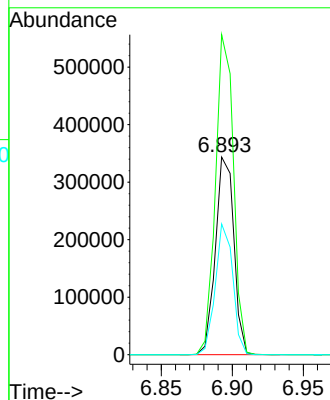
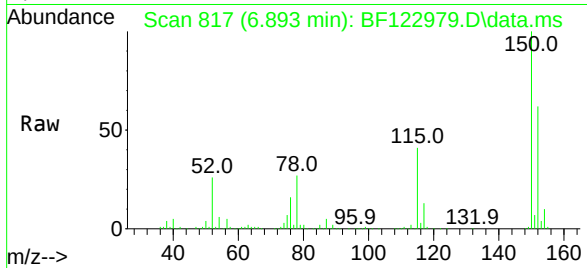




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

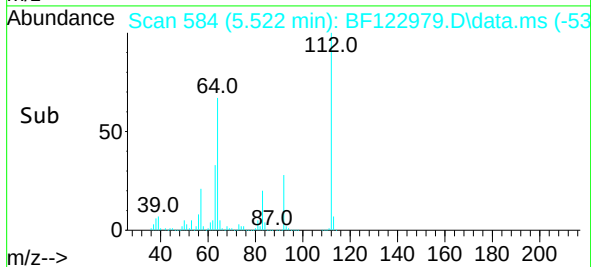
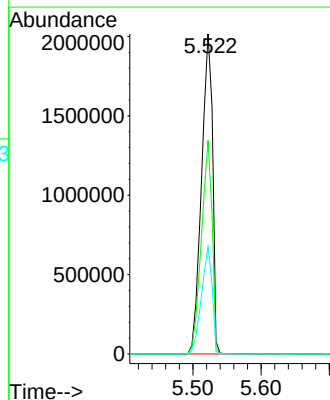
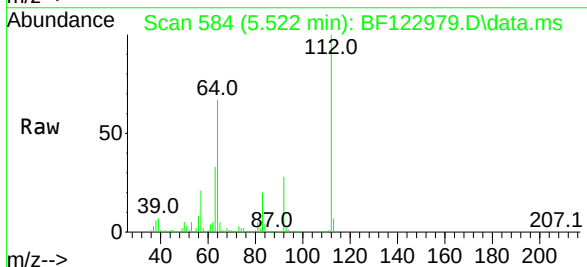
Instrument :
BNA_F
ClientSampleId :
PB134146TB

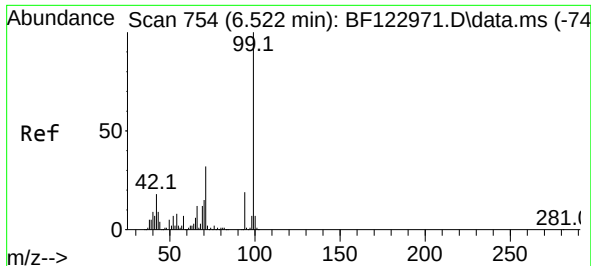
Tgt Ion:152 Resp: 309886
Ion Ratio Lower Upper
152 100
150 161.9 125.8 188.6
115 66.2 49.3 73.9



#5
2-Fluorophenol
Concen: 110.46 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion:112 Resp: 2264502
Ion Ratio Lower Upper
112 100
64 66.7 46.9 70.3
63 33.4 24.5 36.7



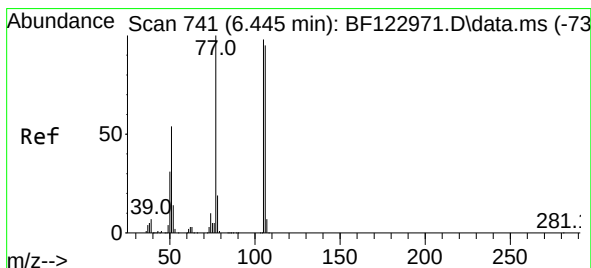
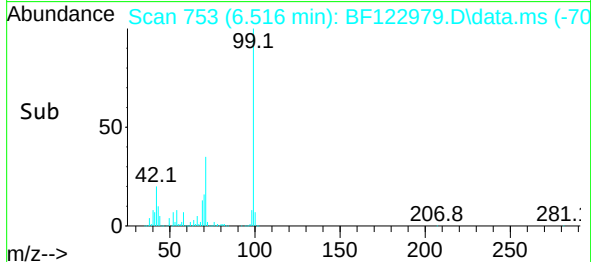
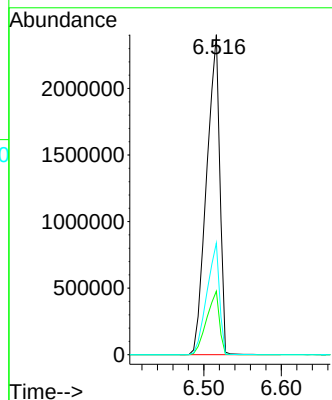
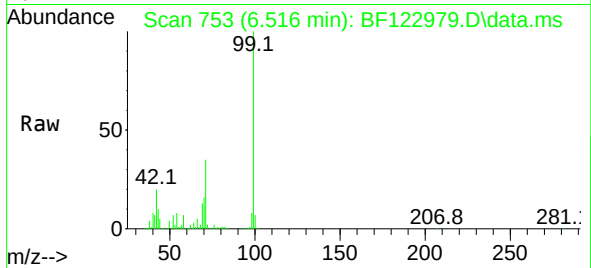


#7
Phenol-d6
Concen: 102.94 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Instrument :
BNA_F
ClientSampleId :
PB134146TB

Tgt Ion: 99 Resp: 2836291

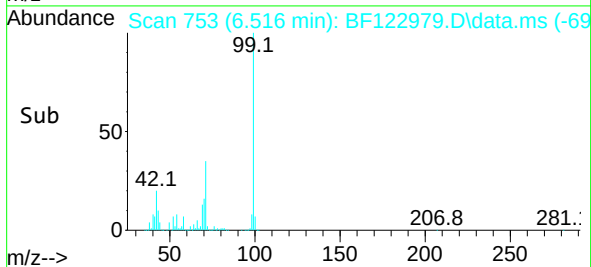
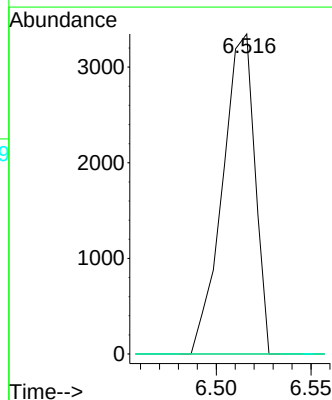
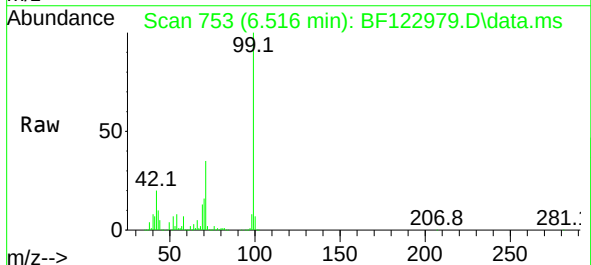
Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.8	20.6
71	34.9	26.9	40.3

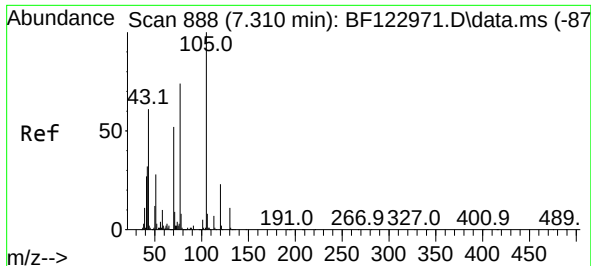


#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.071 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion: 77 Resp: 3977

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.6	120.6#
106	0.0	77.2	117.2#

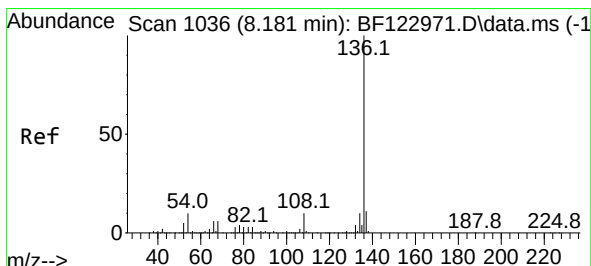
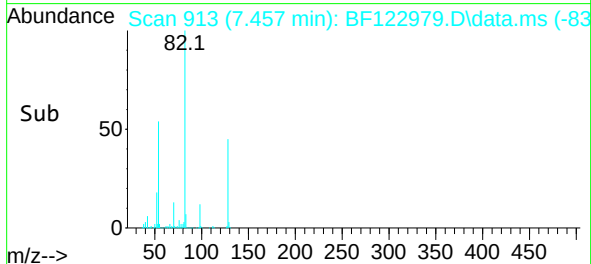
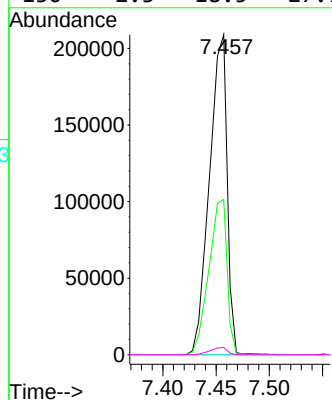
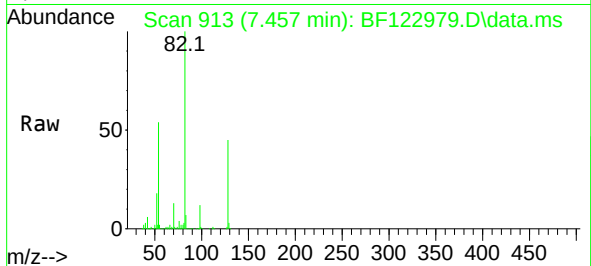




#19
n-Nitroso-di-n-propylamine
Concen: 14.78 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

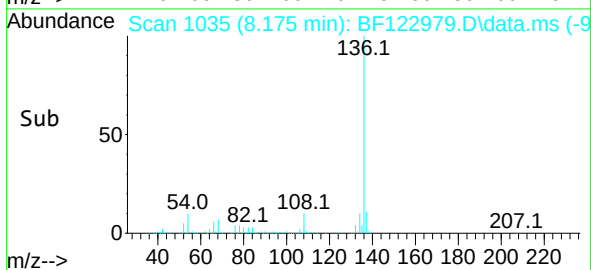
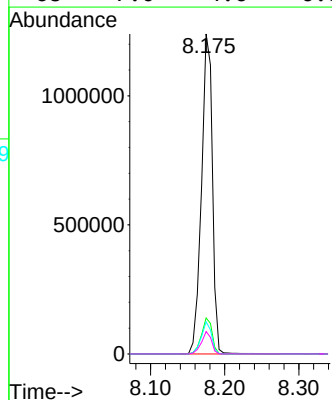
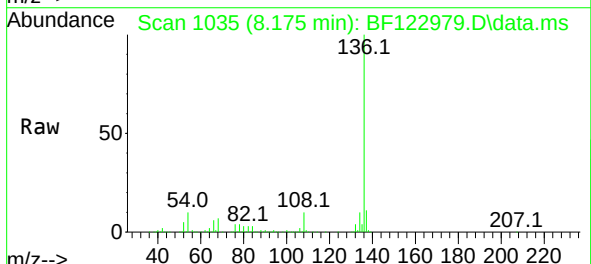
Instrument :
BNA_F
ClientSampleId :
PB134146TB

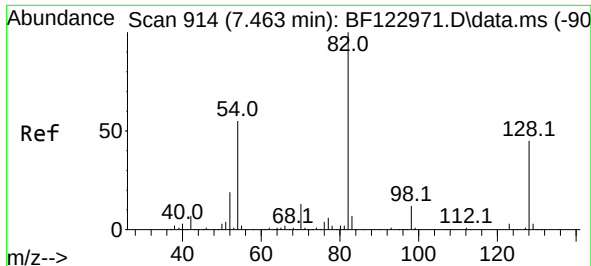
Tgt Ion:	70	Resp:	241234
Ion	Ratio	Lower	Upper
70	100		
42	48.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion:	136	Resp:	1266522
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.0	5.5	8.3#
68	7.0	4.6	6.8#





#23

Nitrobenzene-d5

Concen: 73.41 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF122979.D

Acq: 18 Jan 2021 9:47

Tgt Ion: 82 Resp: 1806830

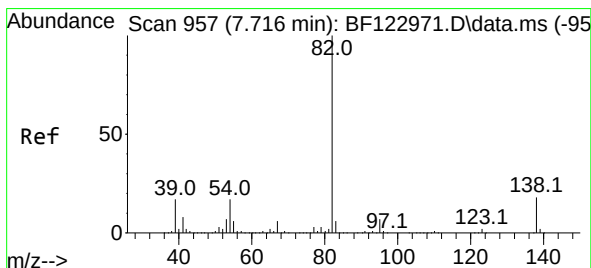
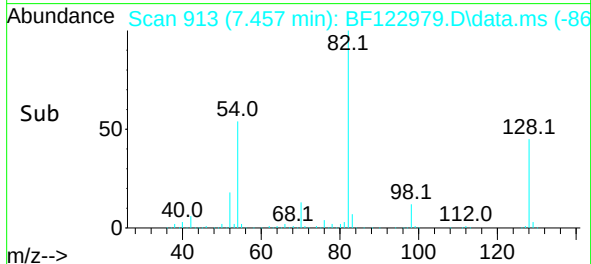
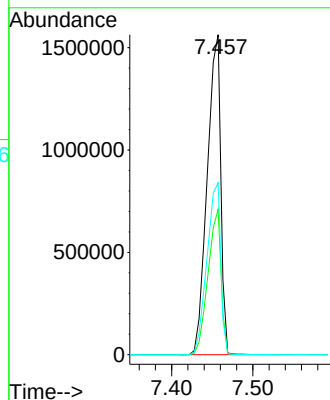
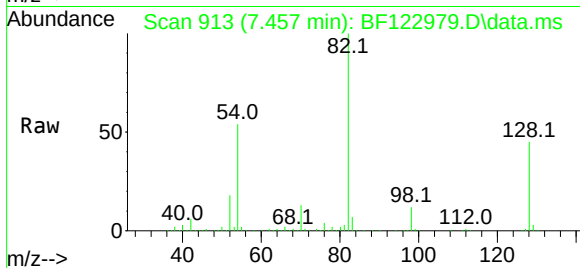
Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.0	55.4
54	53.8	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

PB134146TB



#25

Isophorone

Concen: 41.04 ng

RT: 7.457 min Scan# 913

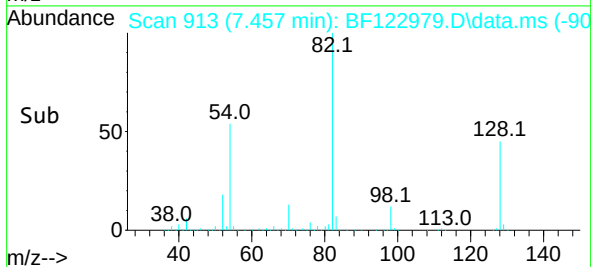
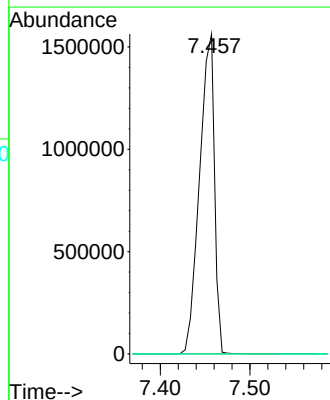
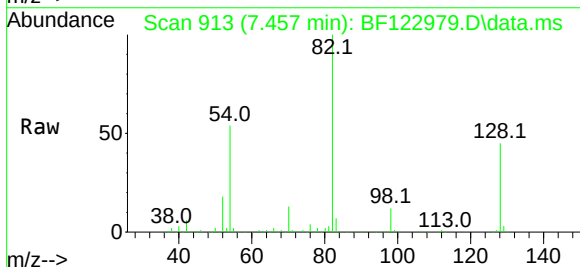
Delta R.T. -0.259 min

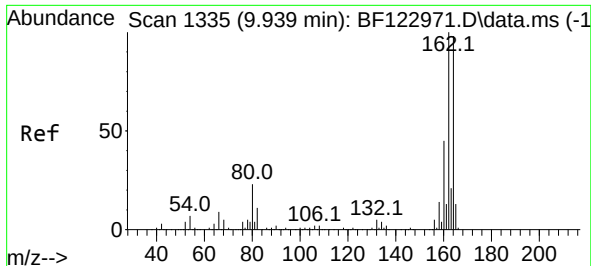
Lab File: BF122979.D

Acq: 18 Jan 2021 9:47

Tgt Ion: 82 Resp: 1802122

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

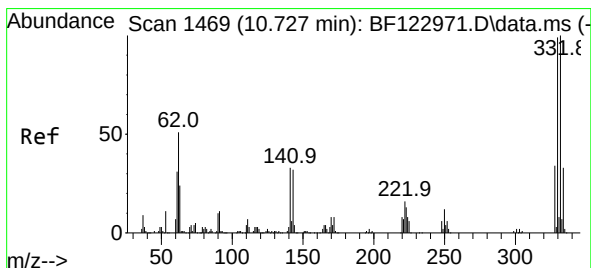
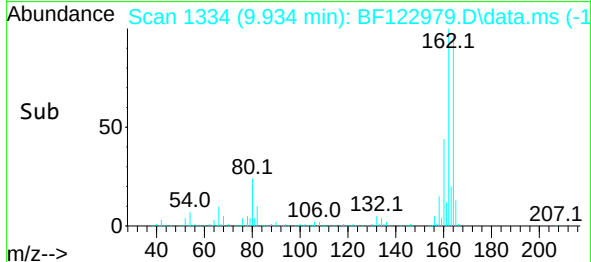
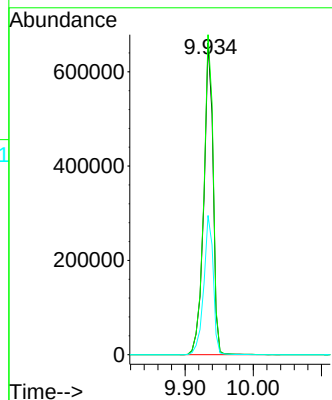
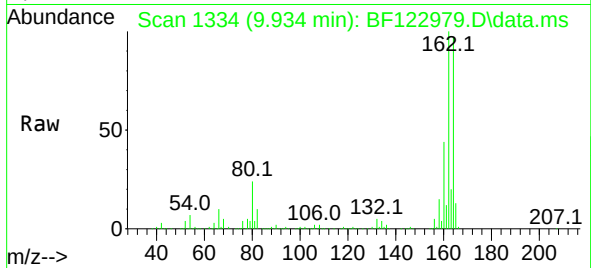




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

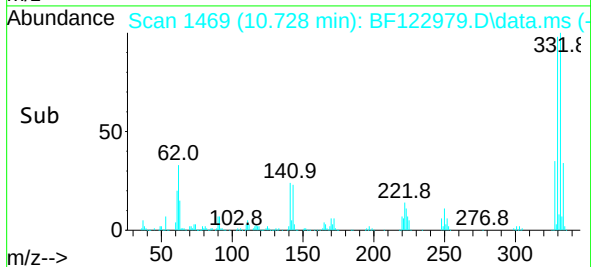
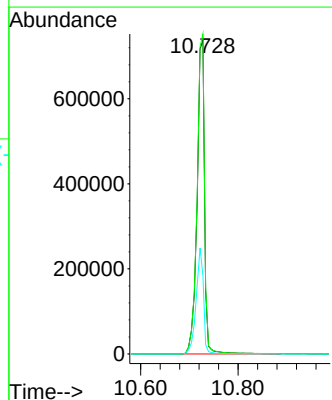
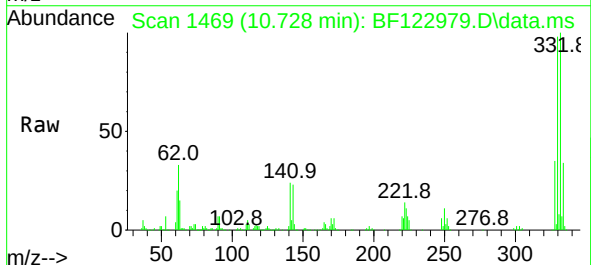
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ClientSampleId :
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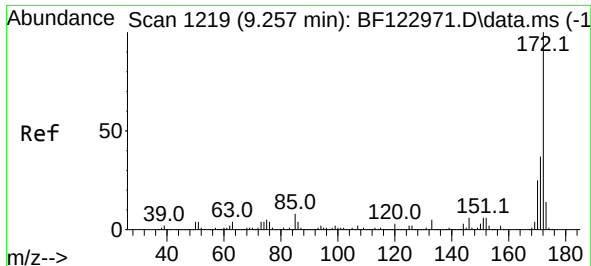
Tgt Ion:164 Resp: 630899
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 111.16 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.001 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion:330 Resp: 793087
Ion Ratio Lower Upper
330 100
332 101.9 77.5 116.3
141 33.1 23.8 35.8

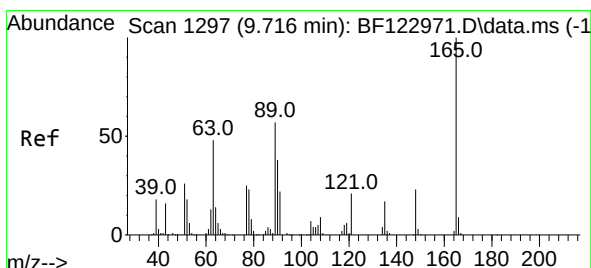
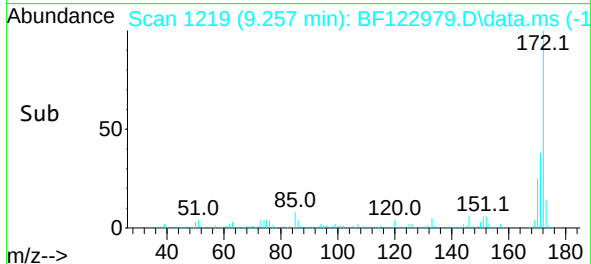
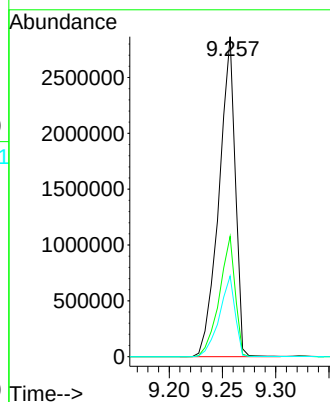
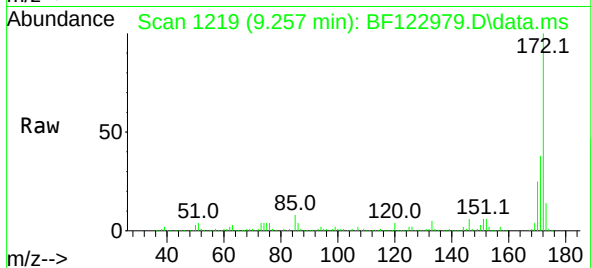




#45
2-Fluorobiphenyl
Concen: 67.56 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

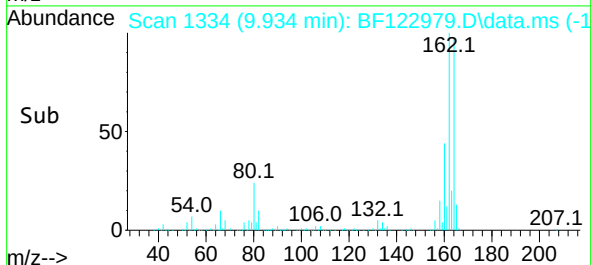
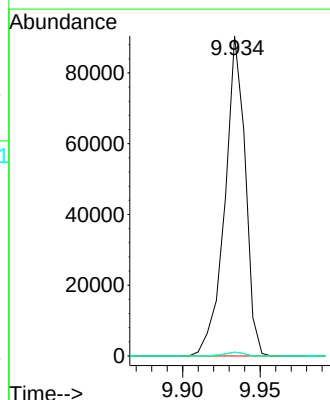
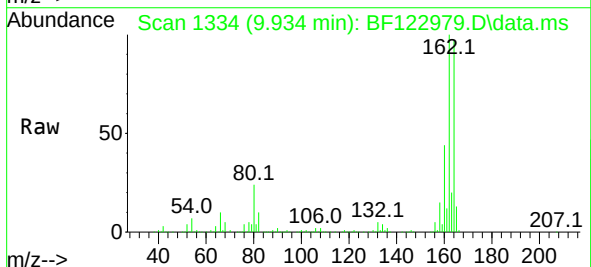
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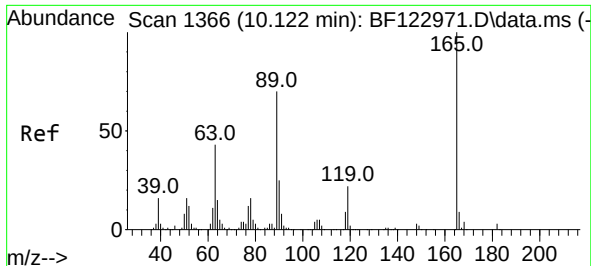
Tgt Ion:172 Resp: 3044079
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 25.2 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion:165 Resp: 82597
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#

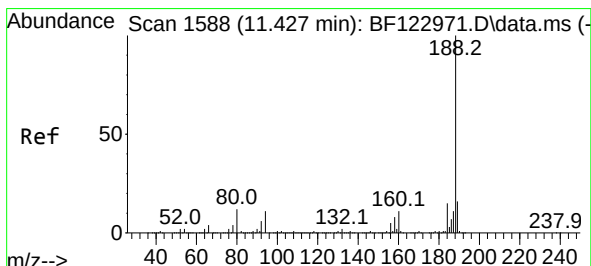
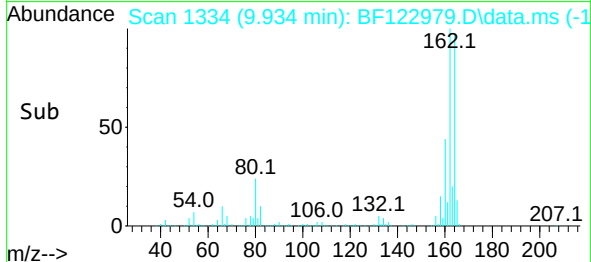
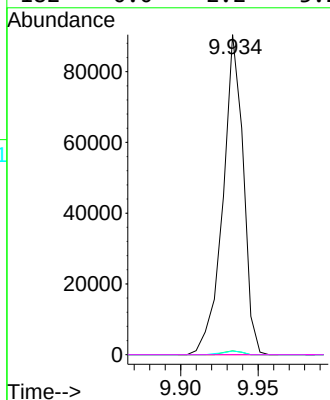
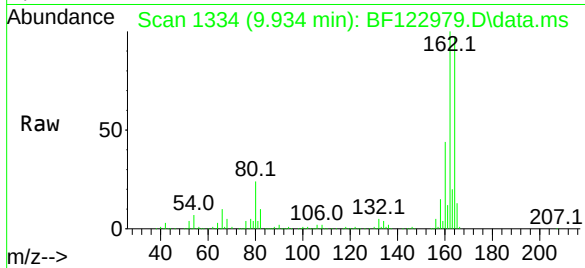




#57
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

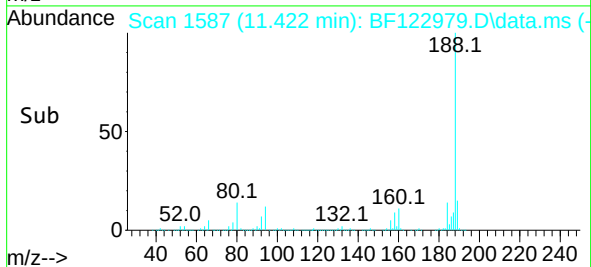
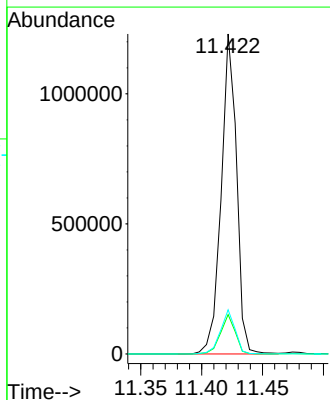
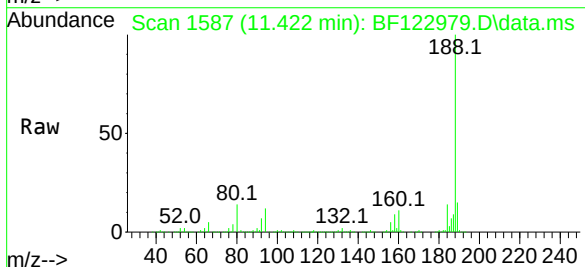
Instrument :
BNA_F
ClientSampleId :
PB134146TB

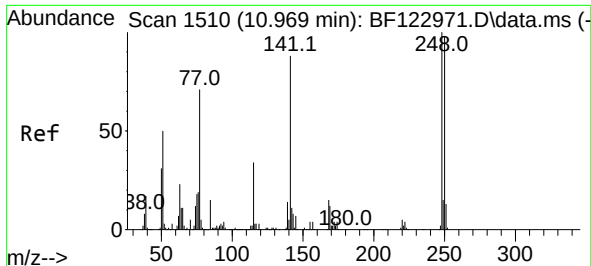
Tgt Ion:165	Resp:	82597
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion:188	Resp:	1083684
Ion Ratio	Lower	Upper
188	100	
94	12.3	7.4 11.2#
80	13.8	8.2 12.4#

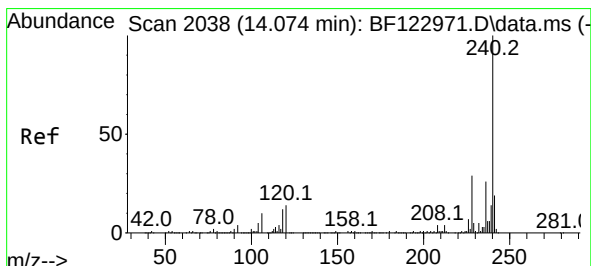
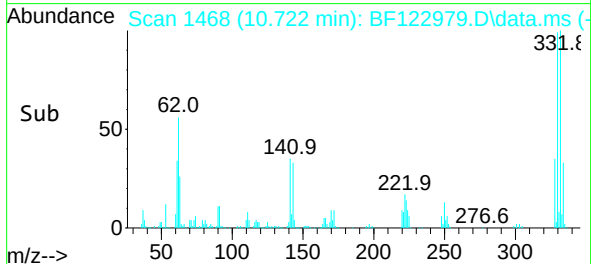
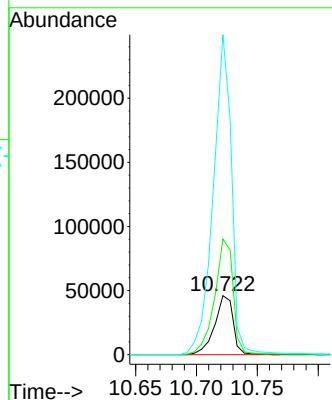
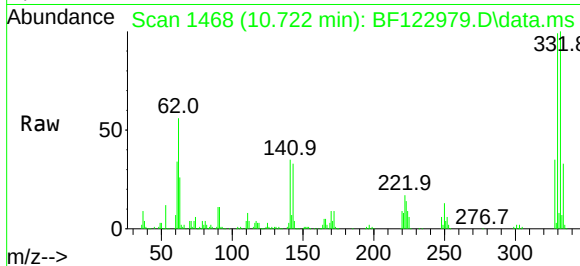




#67
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

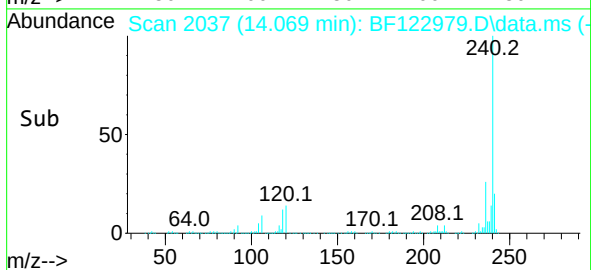
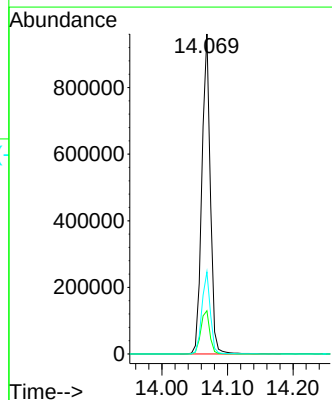
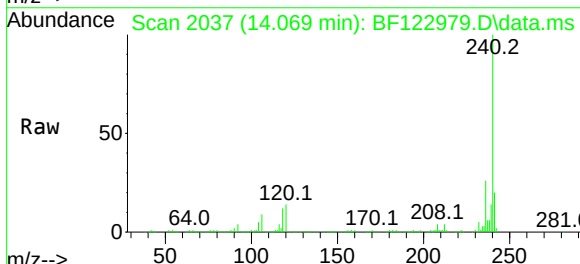
Instrument :
BNA_F
ClientSampleId :
PB134146TB

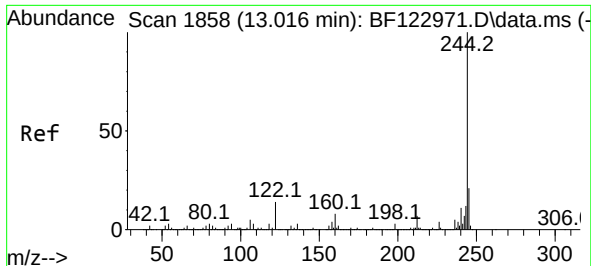
Tgt Ion:248 Resp: 48763
Ion Ratio Lower Upper
248 100
250 195.7 76.8 115.2#
141 541.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion:240 Resp: 861951
Ion Ratio Lower Upper
240 100
120 13.5 8.6 12.8#
236 25.7 20.3 30.5

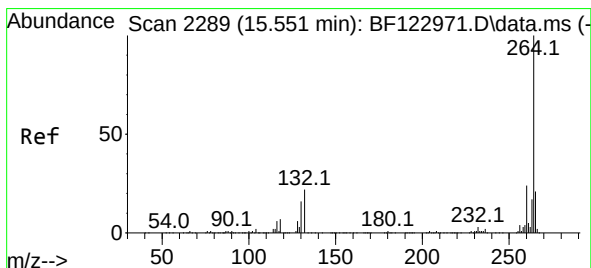
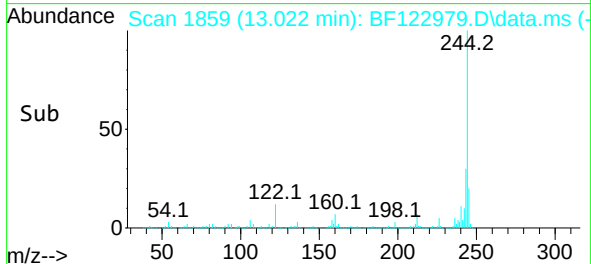
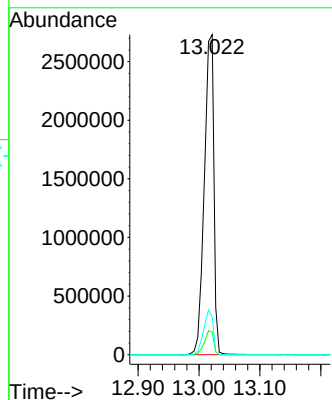
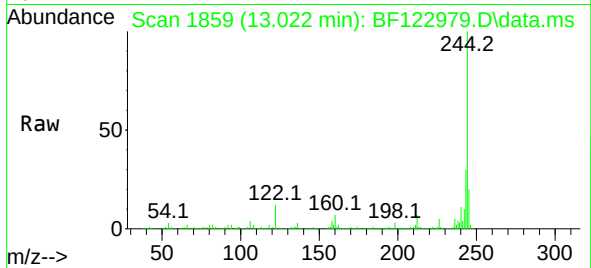




#79
Terphenyl-d14
Concen: 63.25 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Instrument :
BNA_F
ClientSampleId :
PB134146TB

Tgt Ion:244 Resp: 2973505
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF122979.D
Acq: 18 Jan 2021 9:47

Tgt Ion:264 Resp: 795102
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.8 17.0 25.6

