

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123437.D
 Acq On : 24 Mar 2021 14:04
 Operator : JU/CG
 Sample : M1720-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4A-(0.5-1.0)

Quant Time: Mar 24 14:26:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

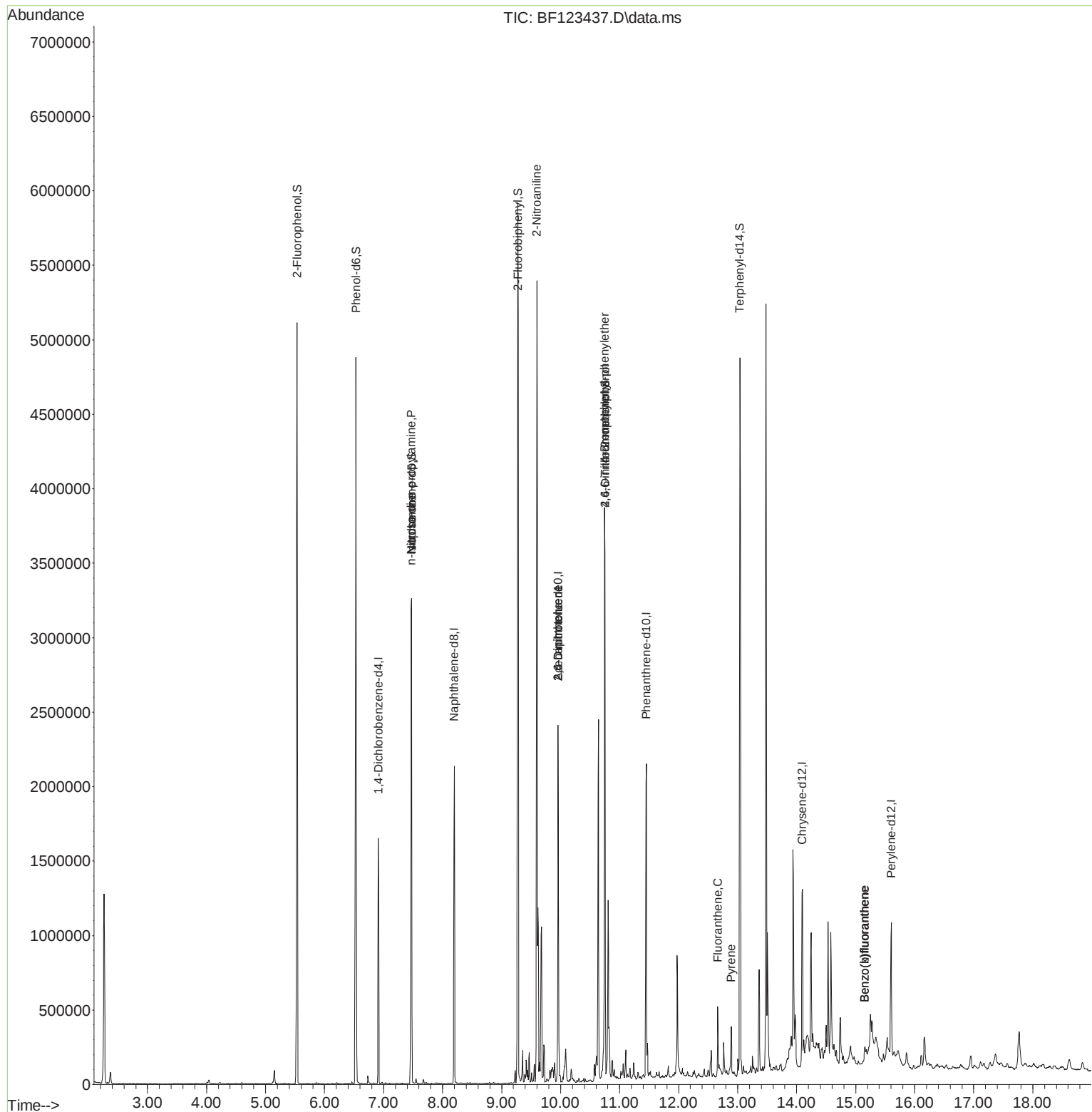
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	229776	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	861582	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	475990	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	768066	20.00	ng	0.00
76) Chrysene-d12	14.098	240	409082	20.00	ng	-0.01
86) Perylene-d12	15.604	264	430214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1257549	89.53	ng	0.00
7) Phenol-d6	6.534	99	1564483	83.68	ng	0.00
23) Nitrobenzene-d5	7.475	82	1080400	67.68	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	473287	88.94	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1960695	58.85	ng	0.00
79) Terphenyl-d14	13.039	244	1618012	67.03	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	616	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.469	70	149414	12.35	ng	# 78
25) Isophorone	7.475	82	1061289	30.92	ng	# 65
48) 2-Nitroaniline	9.598	65	74298	8.18	ng	# 18
51) 2,6-Dinitrotoluene	9.957	165	61880	8.76	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	61880	7.02	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.751	198	1069	5.35	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	28269	3.11	ng	# 1
75) Fluoranthene	12.663	202	159869	3.48	ng	98
78) Pyrene	12.892	202	123659	3.50	ng	96
88) Benzo(b)fluoranthene	15.157	252	80159	2.70	ng	97
89) Benzo(k)fluoranthene	15.157	252	80159	2.86	ng	96

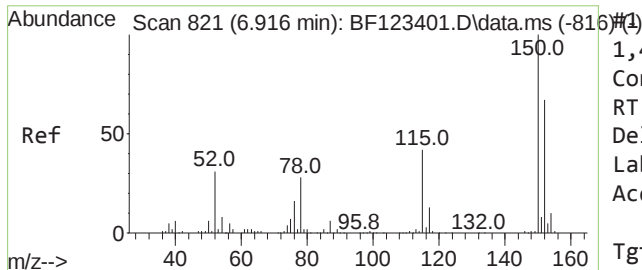
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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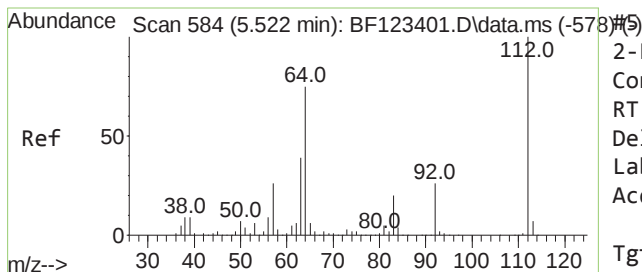
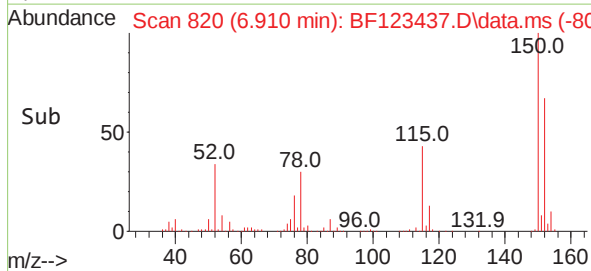
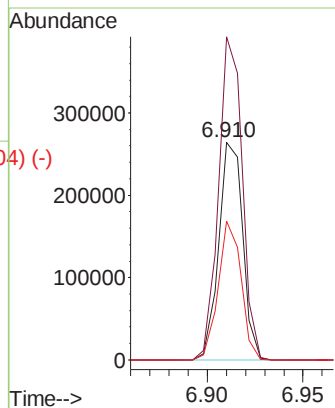
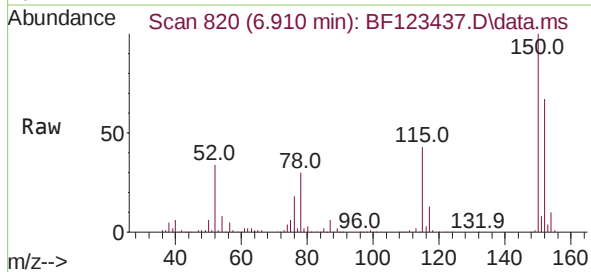




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.910 min Scan# 820
 Delta R.T. -0.006 min
 Lab File: BF123437.D
 Acq: 24 Mar 2021 14:04

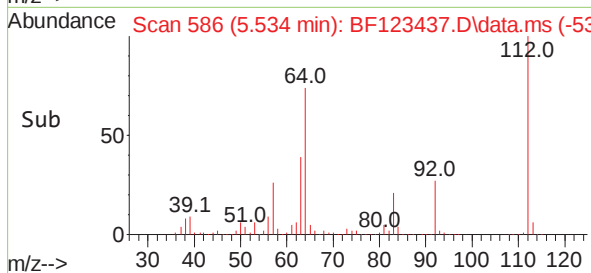
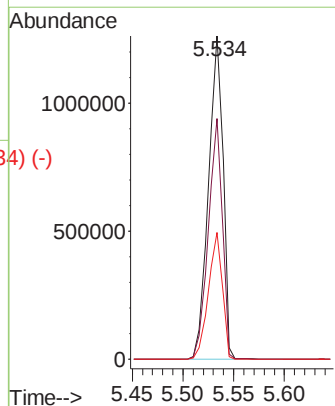
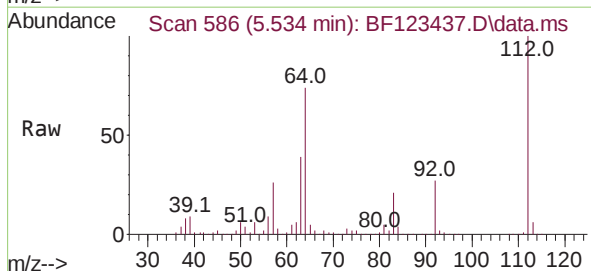
Instrument :
 BNA_F
 ClientSampleId :
 SB-4A-(0.5-1.0)

Tgt Ion:152 Resp: 229776
 Ion Ratio Lower Upper
 152 100
 150 148.5 125.8 188.6
 115 63.7 49.3 73.9

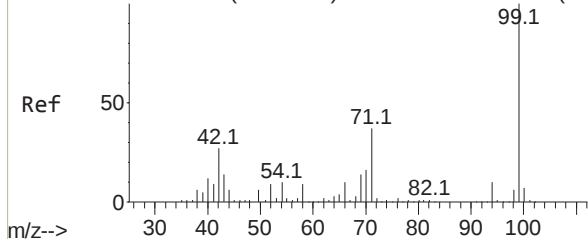


2-Fluorophenol
 Concen: 89.53 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF123437.D
 Acq: 24 Mar 2021 14:04

Tgt Ion:112 Resp: 1257549
 Ion Ratio Lower Upper
 112 100
 64 74.5 46.9 70.3#
 63 39.1 24.5 36.7#



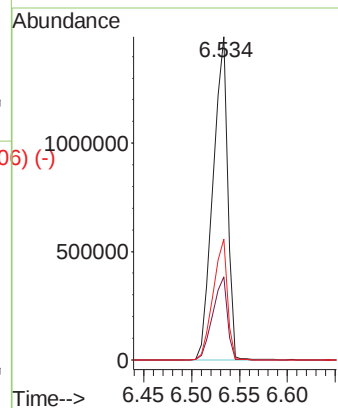
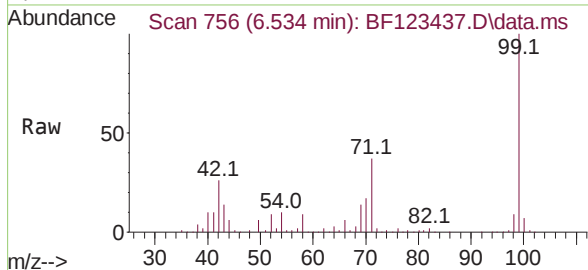
Abundance Scan 756 (6.534 min): BF123401.D\data.ms (-749)#7



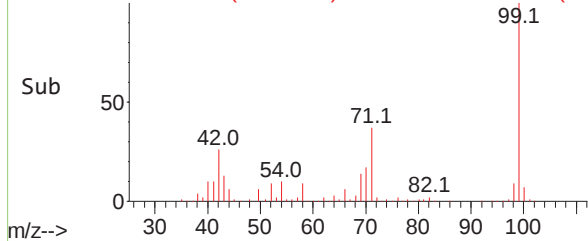
Phenol-d6
Concen: 83.68 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

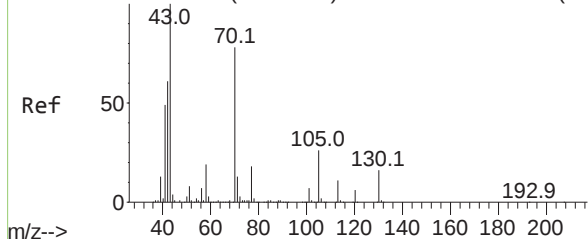
Tgt Ion: 99 Resp: 1564483
Ion Ratio Lower Upper
99 100
42 25.8 13.8 20.6#
71 37.3 26.9 40.3



Abundance Scan 756 (6.534 min): BF123437.D\data.ms (-706) (-)

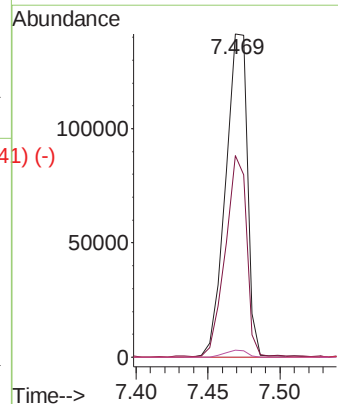
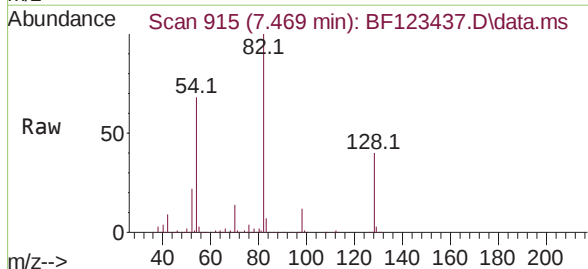


Abundance Scan 892 (7.334 min): BF123401.D\data.ms (-884)#19

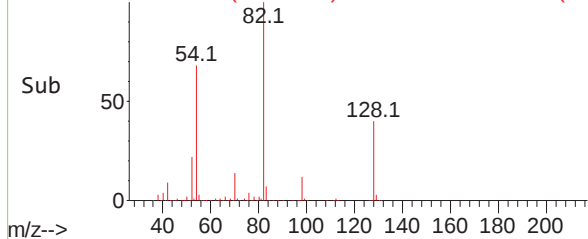


n-Nitroso-di-n-propylamine
Concen: 12.35 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.135 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

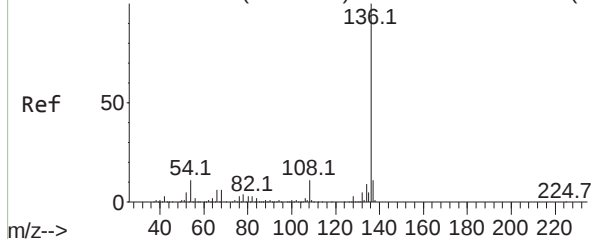
Tgt Ion: 70 Resp: 149414
Ion Ratio Lower Upper
70 100
42 62.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



Abundance Scan 915 (7.469 min): BF123437.D\data.ms (-841) (-)



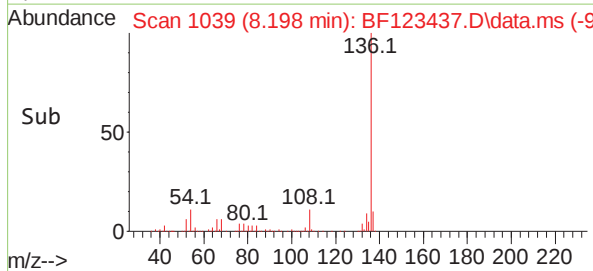
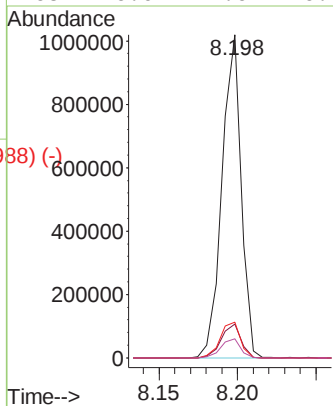
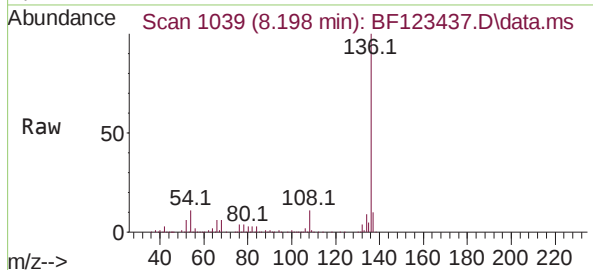
Abundance Scan 1040 (8.204 min): BF123401.D\data.ms (-10341)



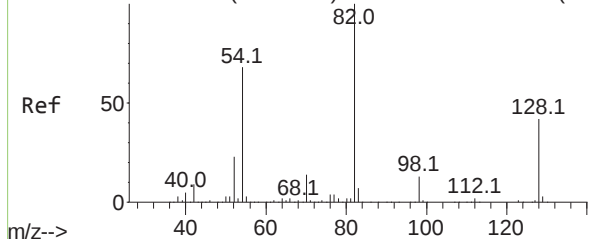
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

Tgt Ion:	136	Resp:	861582
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	11.0	5.5	8.3#
68	6.0	4.6	6.8

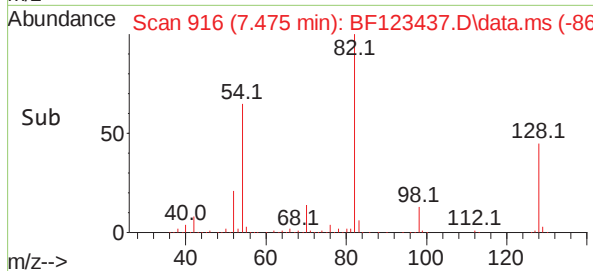
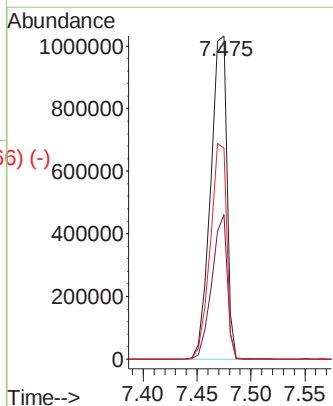
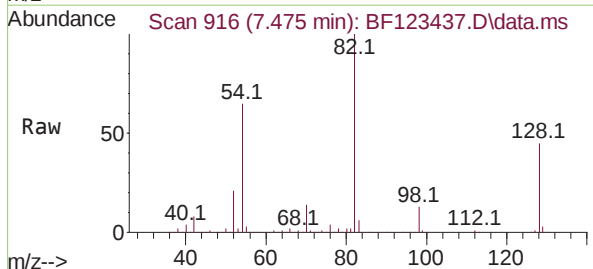


Abundance Scan 917 (7.481 min): BF123401.D\data.ms (-911123)

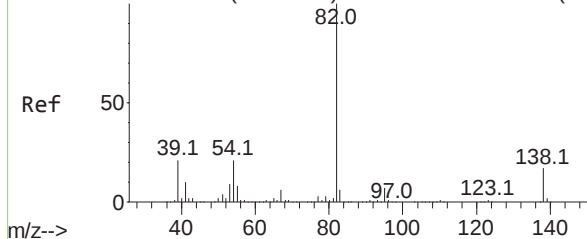


Nitrobenzene-d5
Concen: 67.68 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:	82	Resp:	1080400
Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.0	55.4
54	65.3	38.4	57.6#



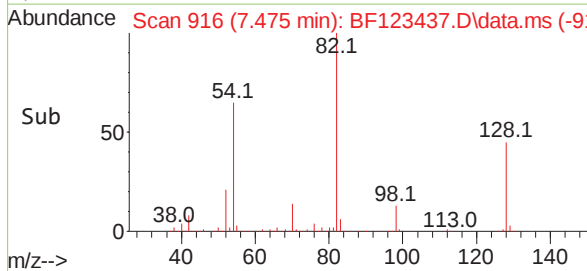
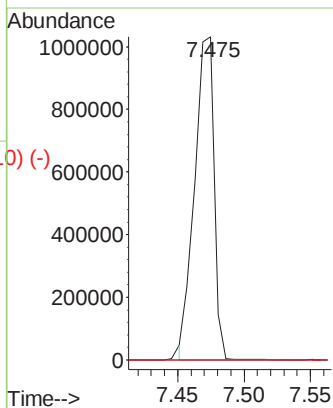
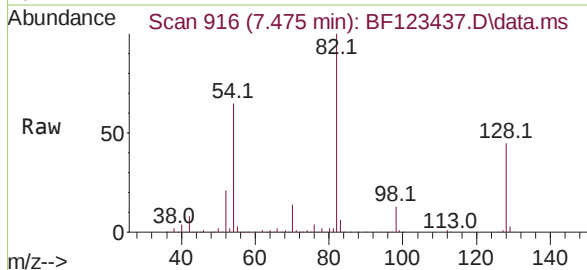
Abundance Scan 961 (7.739 min): BF123401.D\data.ms (-954) #25



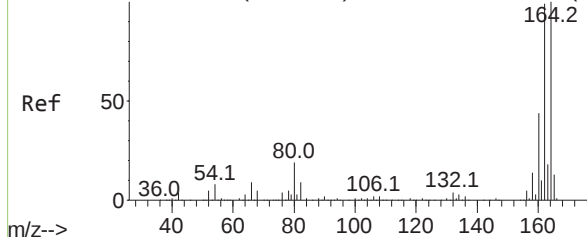
Isophorone
Concen: 30.92 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

Tgt Ion: 82 Resp: 1061289
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

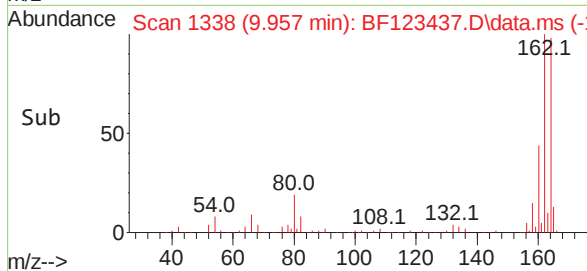
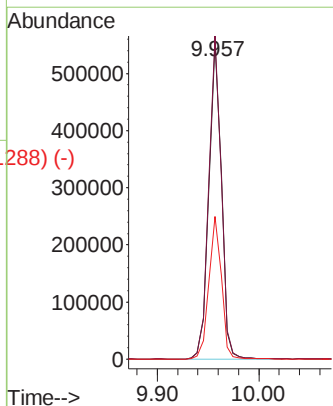
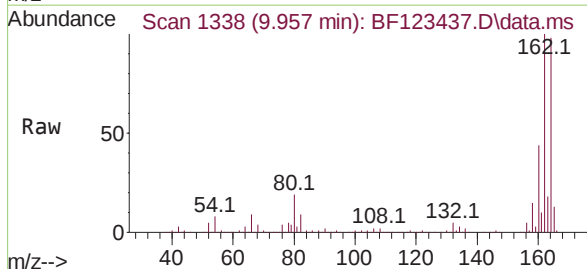


Abundance Scan 1339 (9.963 min): BF123401.D\data.ms (-1339) #39



Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

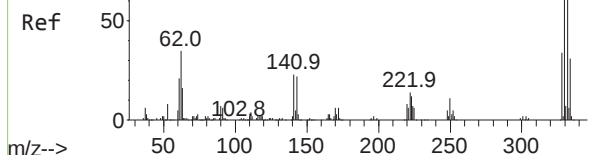
Tgt Ion:164 Resp: 475990
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 45.1 35.4 53.0



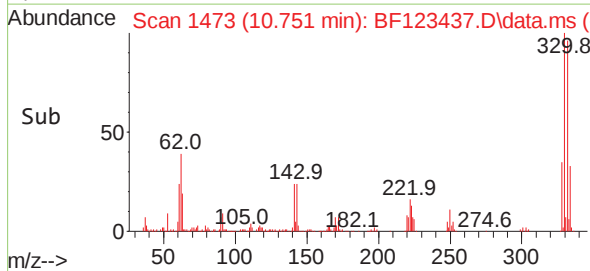
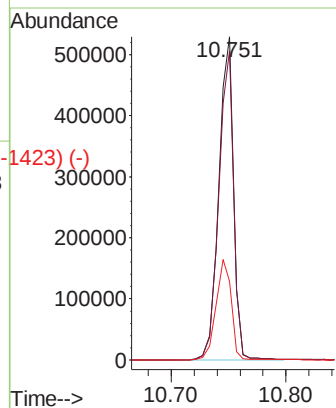
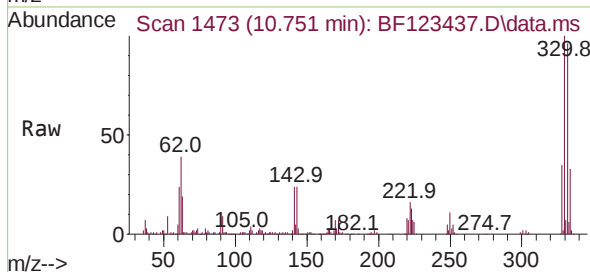
Abundance Scan 1474 (10.757 min): BF123401.D\data.ms (-1474) (-)

2,4,6-Tribromophenol
Concen: 88.94 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)



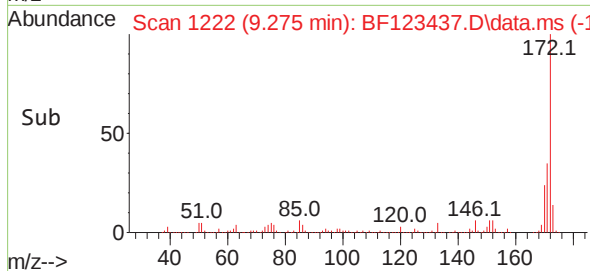
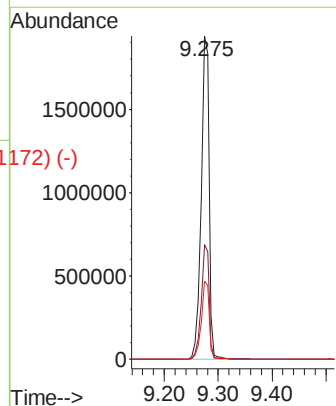
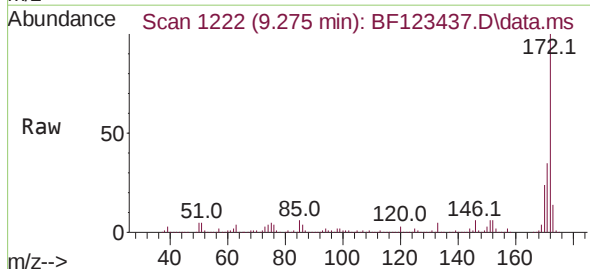
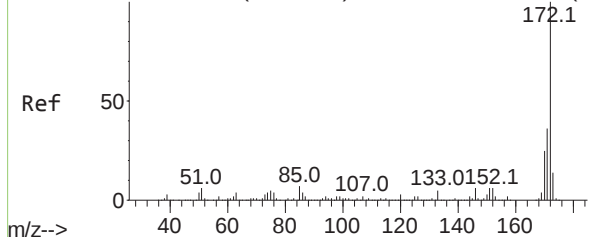
Tgt Ion:	330	Resp:	473287
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	32.1	23.8	35.8



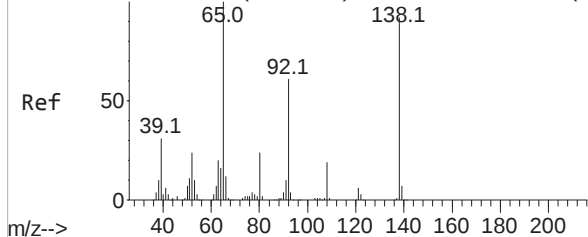
Abundance Scan 1223 (9.281 min): BF123401.D\data.ms (-1223) (-)

2-Fluorobiphenyl
Concen: 58.85 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:	172	Resp:	1960695
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.2	19.5	29.3



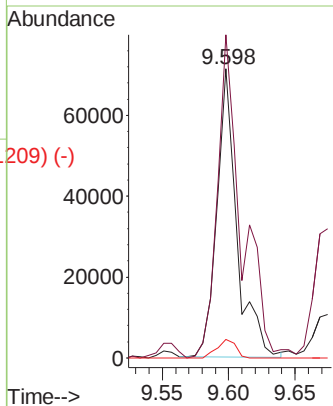
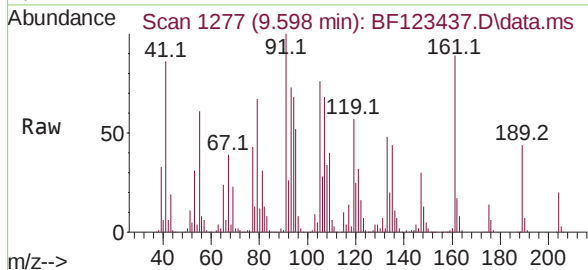
Abundance Scan 1260 (9.498 min): BF123401.D\data.ms (-12548-)



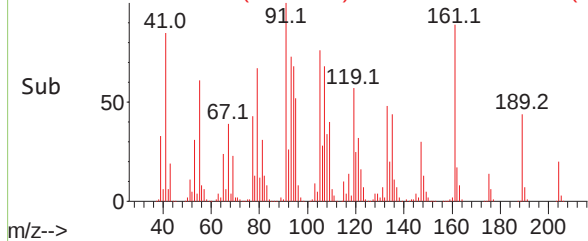
2-Nitroaniline
Concen: 8.18 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.100 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
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SB-4A-(0.5-1.0)

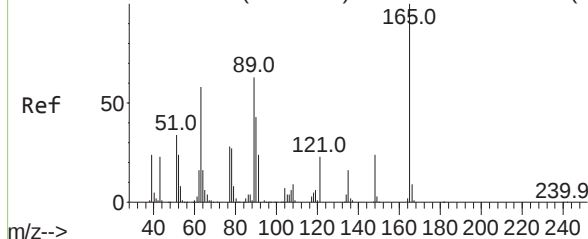
Tgt Ion: 65 Resp: 74298
Ion Ratio Lower Upper
65 100
92 111.7 60.0 90.0#
138 6.4 100.6 151.0#



Abundance Scan 1277 (9.598 min): BF123437.D\data.ms (-1209-)

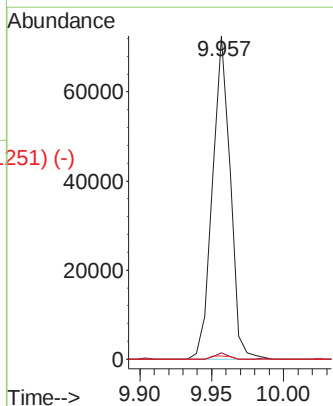
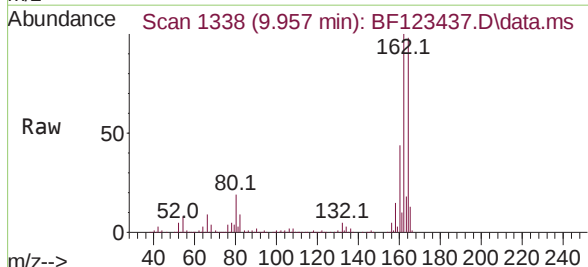


Abundance Scan 1301 (9.739 min): BF123401.D\data.ms (-12551-)

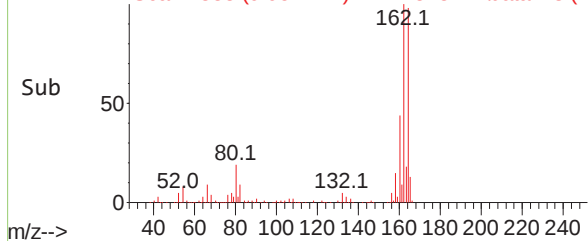


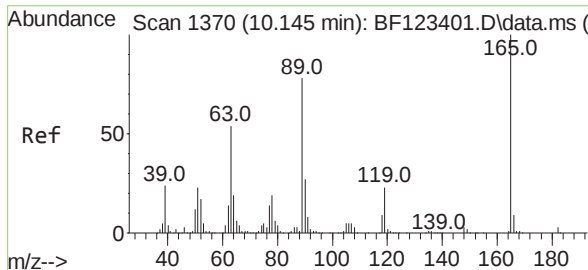
2,6-Dinitrotoluene
Concen: 8.76 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:165 Resp: 61880
Ion Ratio Lower Upper
165 100
63 1.9 36.6 55.0#
89 0.9 39.4 59.0#



Abundance Scan 1338 (9.957 min): BF123437.D\data.ms (-1251-)

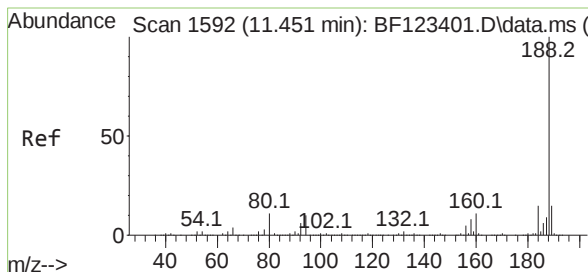
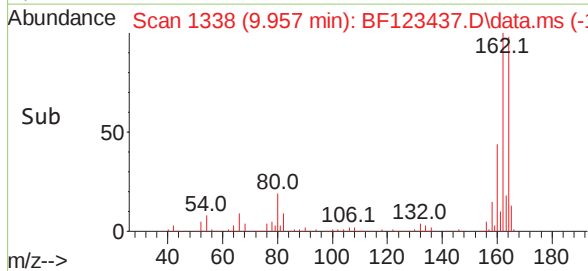
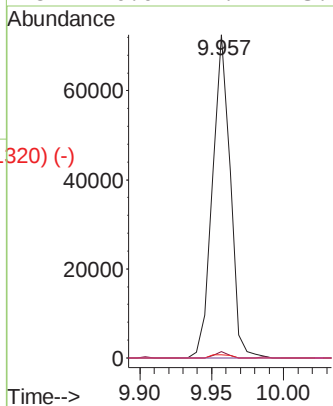
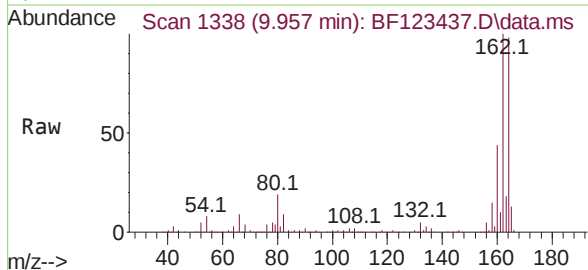




Scan 1370 (10.145 min): BF123401.D\data.ms (-1357) (-)
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.957 min Scan# 1338
 Delta R.T. -0.194 min
 Lab File: BF123437.D
 Acq: 24 Mar 2021 14:04

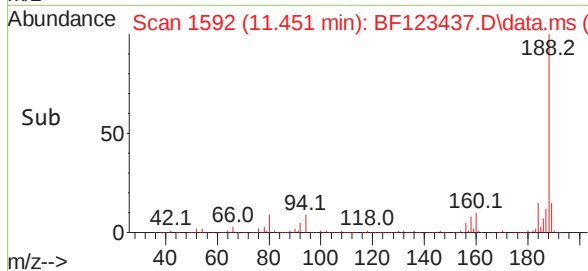
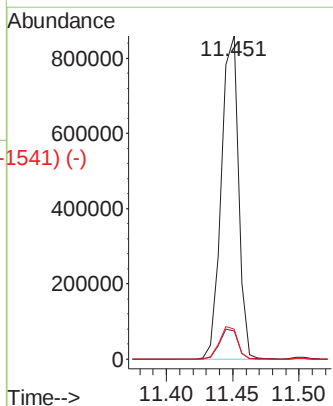
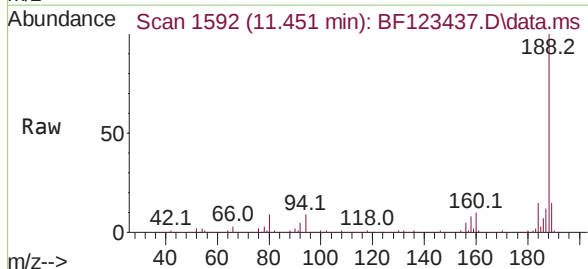
Instrument :
 BNA_F
 ClientSampleId :
 SB-4A-(0.5-1.0)

Tgt Ion:	165	Resp:	61880
Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	0.9	55.2	82.8#
182	0.0	2.2	3.2#



Scan 1592 (11.451 min): BF123401.D\data.ms (-1564) (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF123437.D
 Acq: 24 Mar 2021 14:04

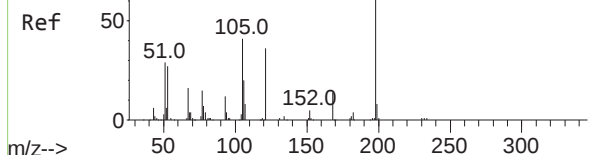
Tgt Ion:	188	Resp:	768066
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.3	8.2	12.4



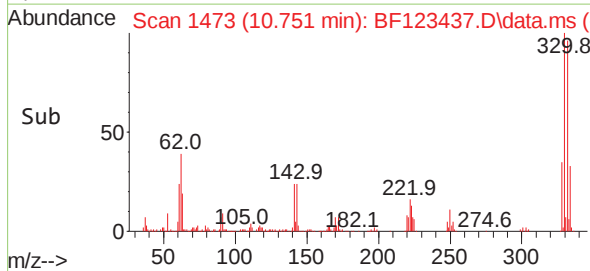
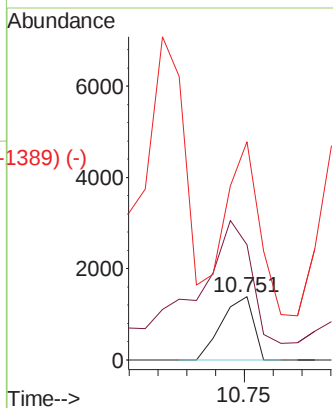
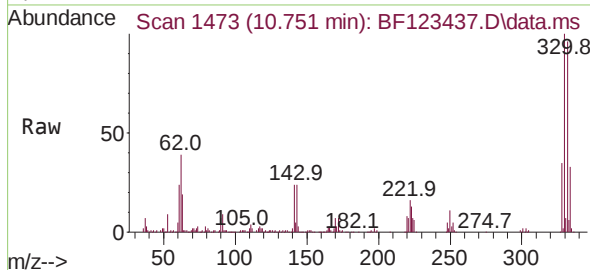
Abundance Scan 1440 (10.557 min): BF123401.D\data.ms (-1465) (-)

4,6-Dinitro-2-methylphenol
Concen: 5.35 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

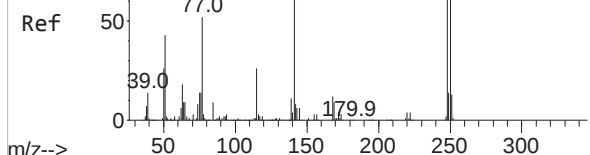


Tgt Ion:	198	Resp:	1069
Ion	Ratio	Lower	Upper
198	100		
51	183.1	20.3	60.3#
105	346.8	23.0	63.0#

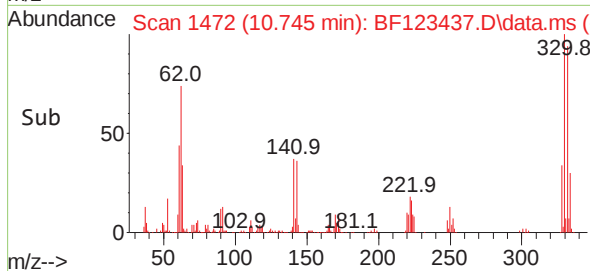
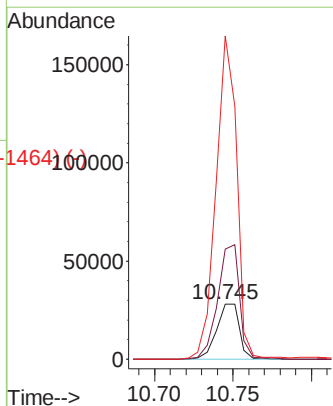
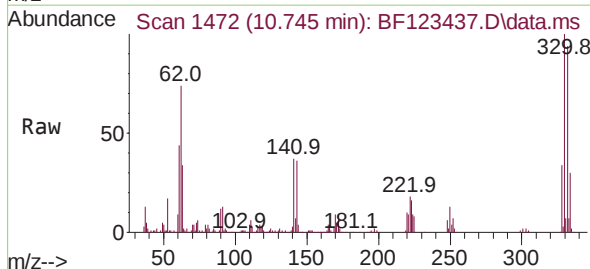


Abundance Scan 1515 (10.998 min): BF123401.D\data.ms (-1465) (-)

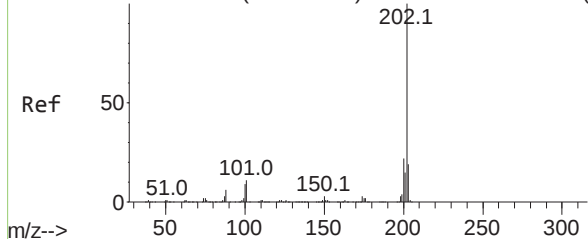
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04



Tgt Ion:	248	Resp:	28269
Ion	Ratio	Lower	Upper
248	100		
250	200.5	76.8	115.2#
141	587.3	59.8	89.8#



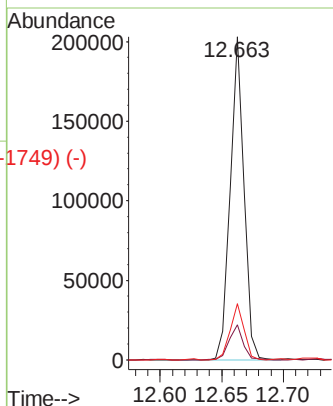
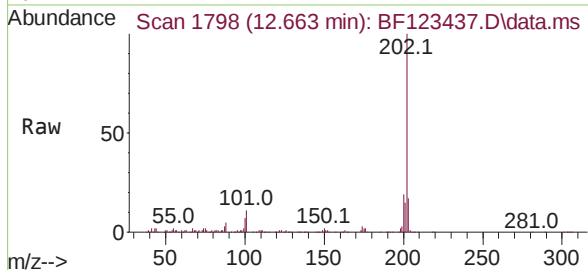
Abundance Scan 1799 (12.669 min): BF123401.D\data.ms (-1749) (-)



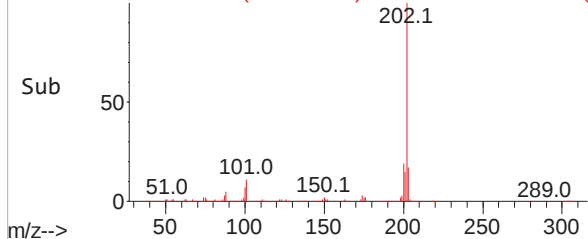
Fluoranthene
Concen: 3.48 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

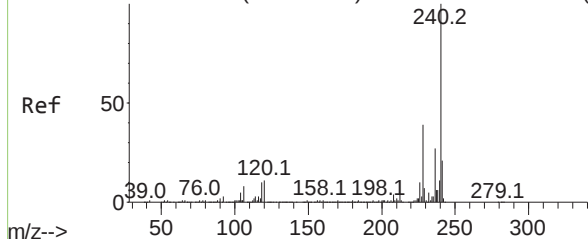
Tgt Ion:	202	Resp:	159869
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.2
203	17.5	0.0	38.1



Abundance Scan 1798 (12.663 min): BF123437.D\data.ms (-1749) (-)

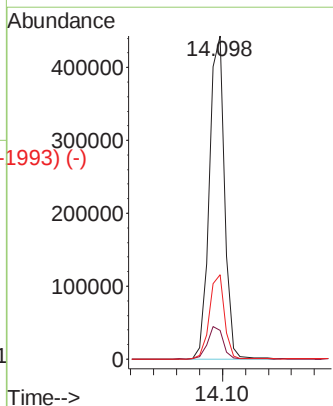
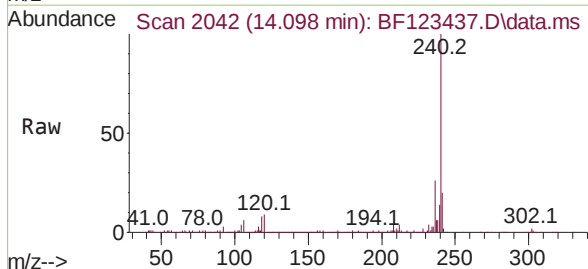


Abundance Scan 2043 (14.104 min): BF123401.D\data.ms (-2037) (-)

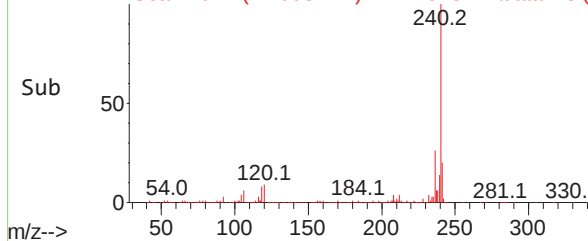


Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

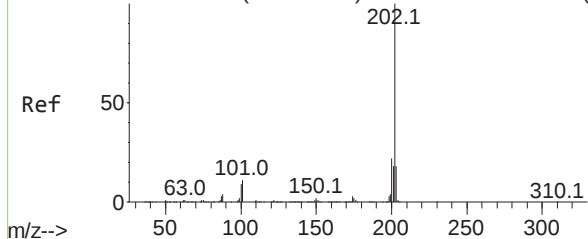
Tgt Ion:	240	Resp:	409082
Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.6	12.8
236	26.1	20.3	30.5



Abundance Scan 2042 (14.098 min): BF123437.D\data.ms (-1993) (-)



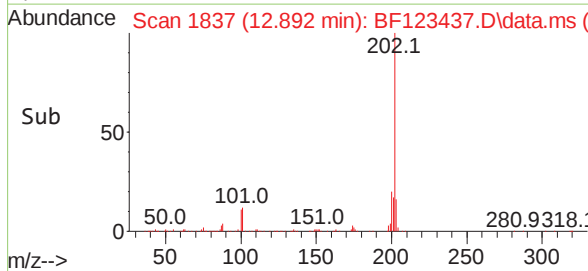
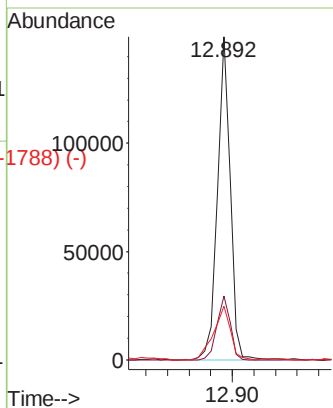
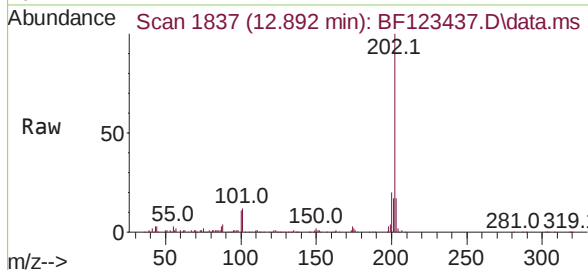
Abundance Scan 1839 (12.904 min): BF123401.D\data.ms (-1878) (-)



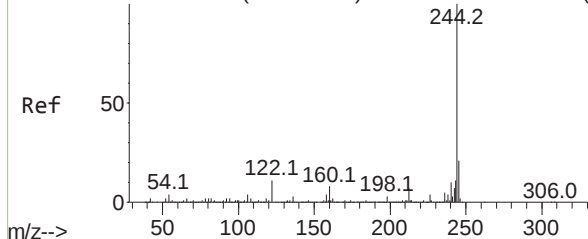
Pyrene
Concen: 3.50 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

Tgt Ion:	202	Resp:	123659
Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	16.6	14.6	21.8

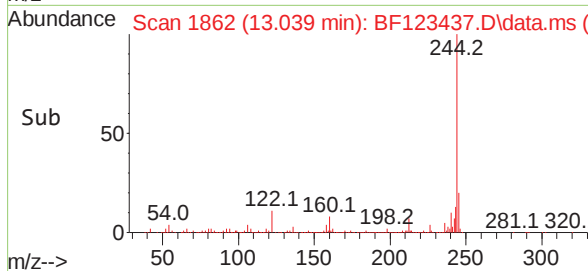
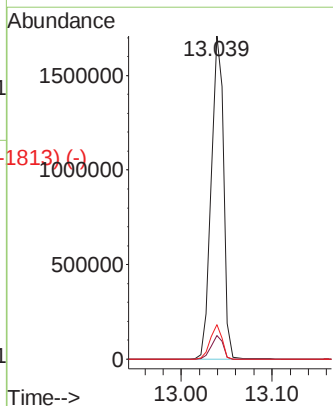
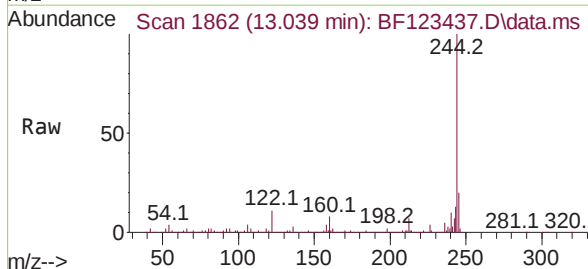


Abundance Scan 1863 (13.045 min): BF123401.D\data.ms (-1879) (-)

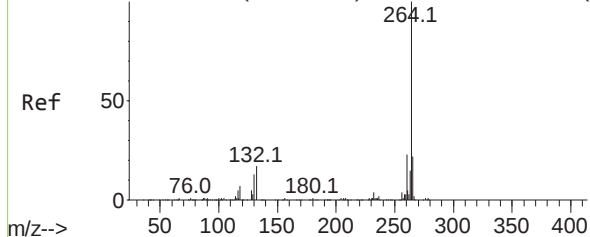


Terphenyl-d14
Concen: 67.03 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:	244	Resp:	1618012
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	10.7	8.3	12.5



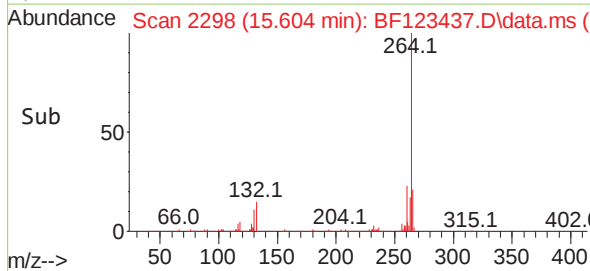
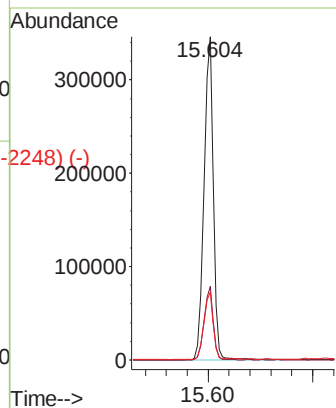
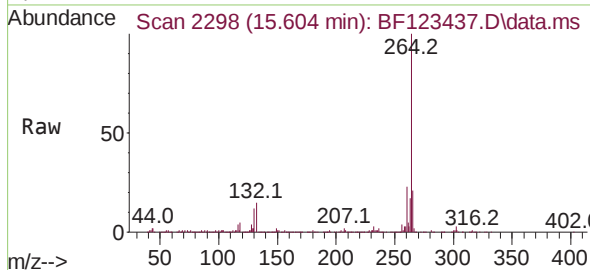
Abundance Scan 2298 (15.604 min): BF123401.D\data.ms (-2298) (-)



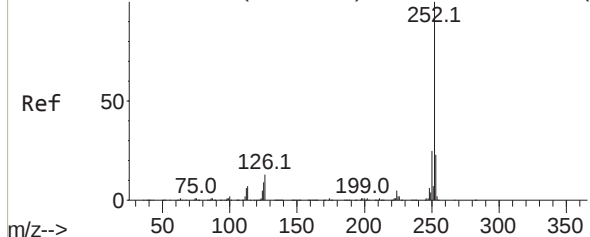
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

Tgt Ion:264 Resp: 430214
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.0 17.0 25.6

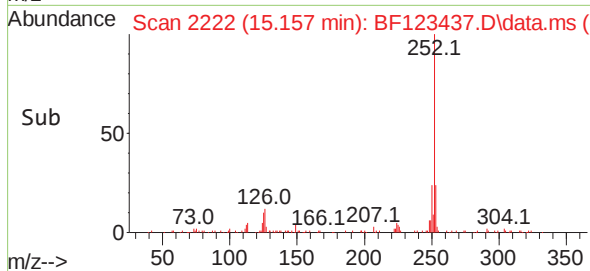
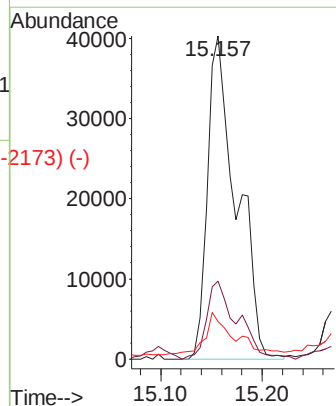
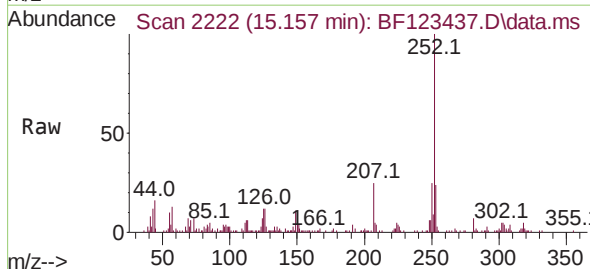


Abundance Scan 2223 (15.163 min): BF123401.D\data.ms (-2223) (-)

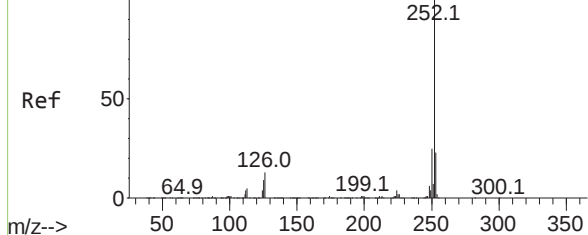


Benzo(b)fluoranthene
Concen: 2.70 ng
RT: 15.157 min Scan# 2222
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:252 Resp: 80159
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 11.6 8.1 12.1



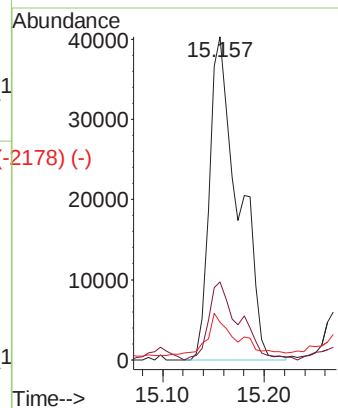
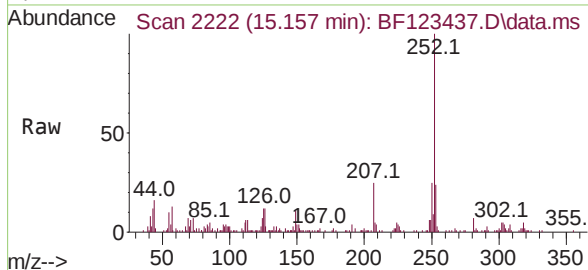
Abundance Scan 2229 (15.198 min): BF123401.D\data.ms (-2229) (-)



Benzo(k)fluoranthene
Concen: 2.86 ng
RT: 15.157 min Scan# 2222
Delta R.T. -0.041 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

Tgt Ion:	252	Resp:	80159
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	11.6	8.4	12.6



Abundance Scan 2222 (15.157 min): BF123437.D\data.ms (-2178) (-)

