

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123589.D
 Acq On : 16 Apr 2021 13:16
 Operator : JU/CG
 Sample : M2048-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Apr 16 15:41:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

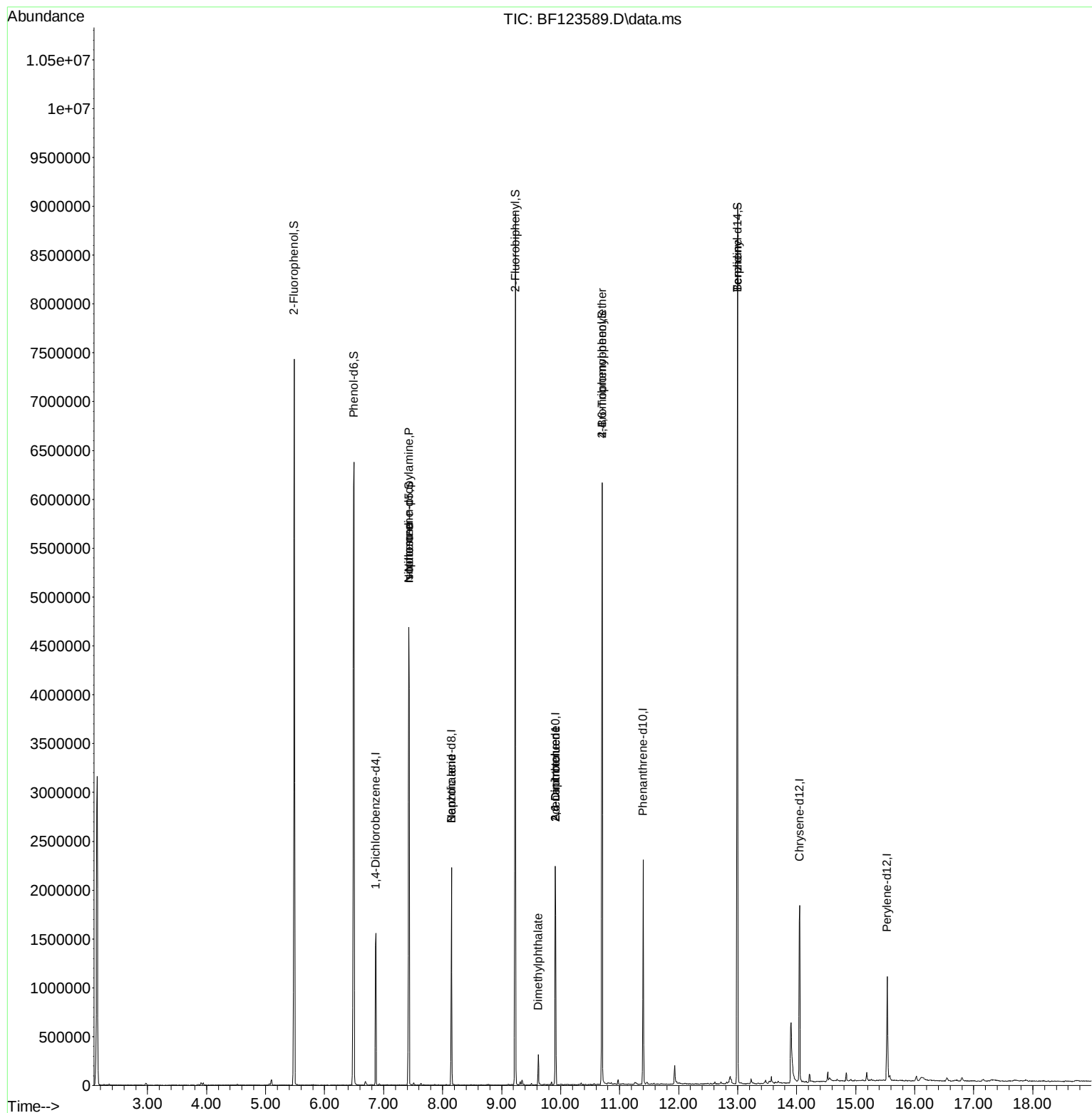
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	206024	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	798293	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	399669	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	804924	20.00	ng	0.00
76) Chrysene-d12	14.051	240	643008	20.00	ng	0.00
86) Perylene-d12	15.533	264	481408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1710004	134.15	ng	0.00
7) Phenol-d6	6.498	99	2239223	126.77	ng	0.00
23) Nitrobenzene-d5	7.428	82	1563559	90.04	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	698343	154.30	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2417281	90.16	ng	0.00
79) Terphenyl-d14	12.998	244	2859784	86.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	217142	18.56	ng	Qvalue
25) Isophorone	7.428	82	1561408	46.35	ng	# 73
32) Benzoic acid	8.151	122	156	4.56	ng	# 1
50) Dimethylphthalate	9.622	163	93039	3.37	ng	98
51) 2,6-Dinitrotoluene	9.910	165	53362	8.80	ng	# 12
57) 2,4-Dinitrotoluene	9.910	165	53362	6.59	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	37545	4.46	ng	# 1
77) Benzidine	12.998	184	39899	2.28	ng	97
89) Benzo(k)fluoranthene	15.098	252	3795	Below Cal		# 93
92) Benzo(g,h,i)perylene	17.468	276	1973	Below Cal		# 56

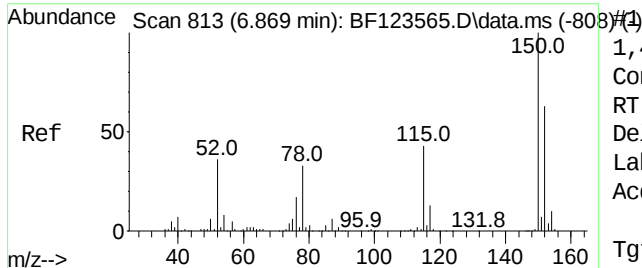
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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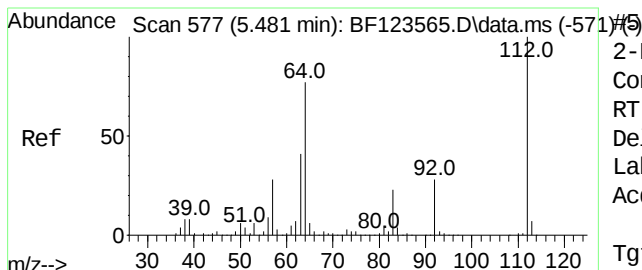
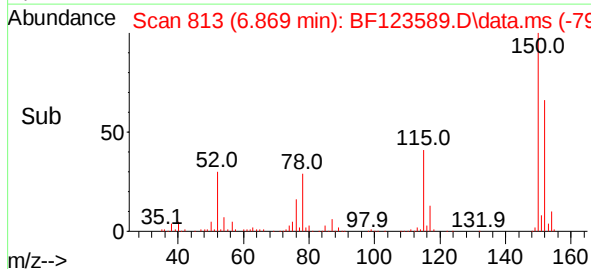
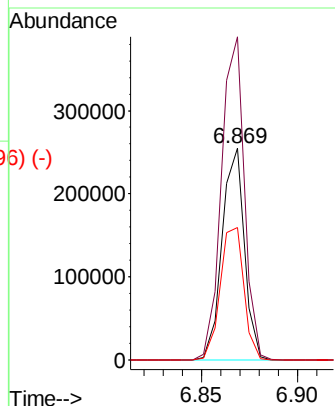
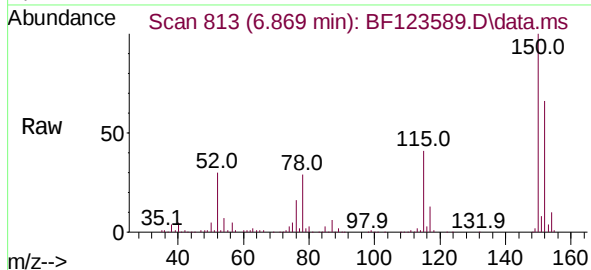




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

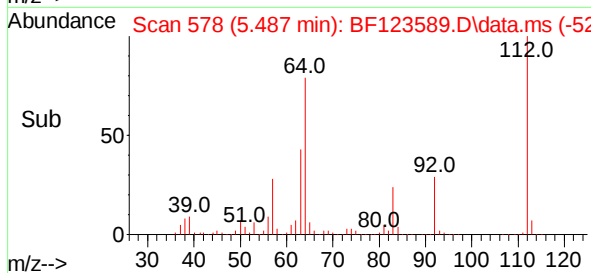
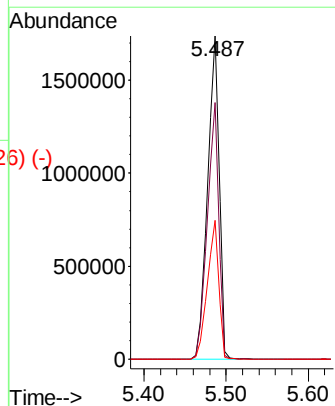
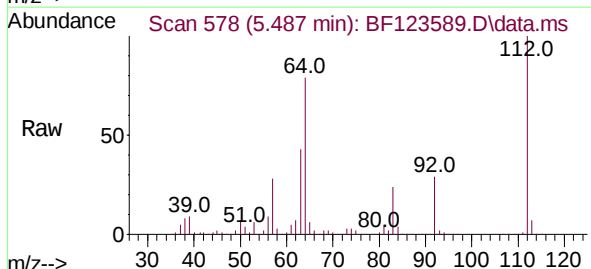
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

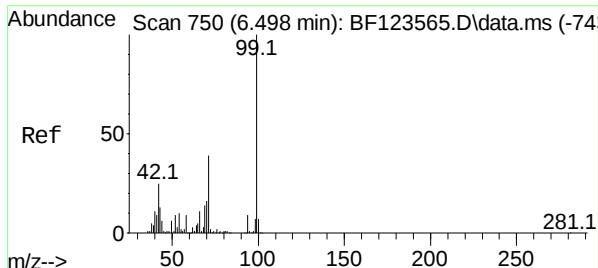
Tgt Ion:	152	Resp:	206024
Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.0	190.6
115	62.6	54.3	81.5



2-Fluorophenol
Concen: 134.15 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

Tgt Ion:	112	Resp:	1710004
Ion	Ratio	Lower	Upper
112	100		
64	79.3	61.4	92.0
63	43.0	33.0	49.4

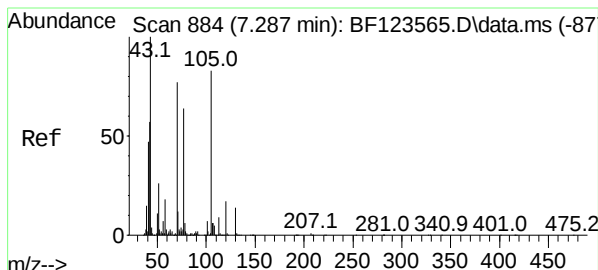
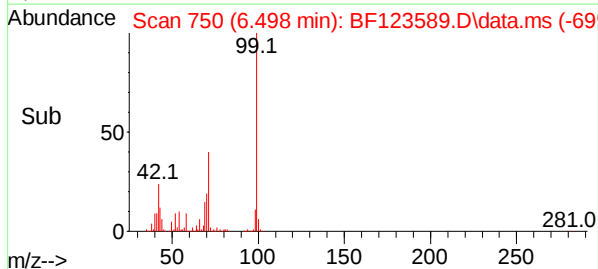
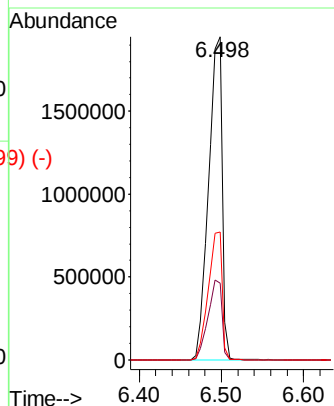
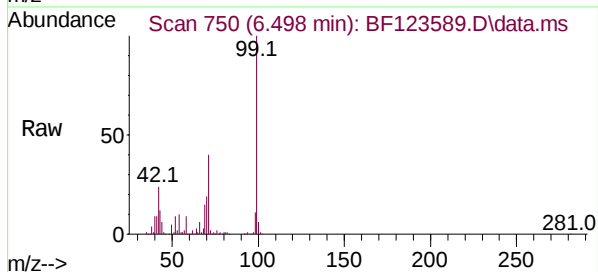




Phenol-d6
 Concen: 126.77 ng
 RT: 6.498 min Scan# 750
 Delta R.T. -0.000 min
 Lab File: BF123589.D
 Acq: 16 Apr 2021 13:16

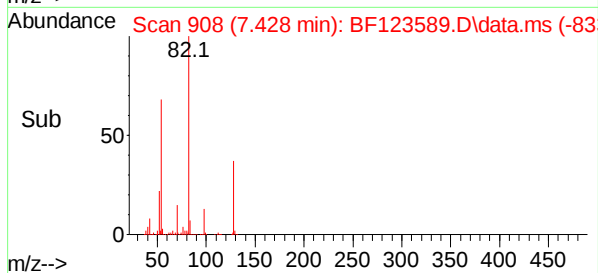
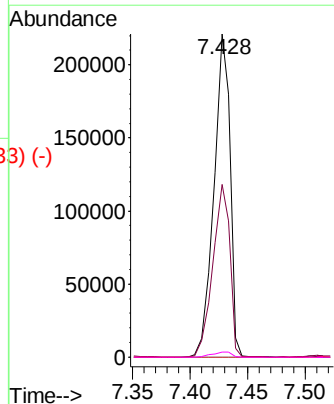
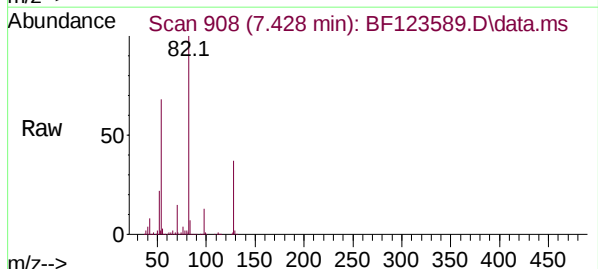
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

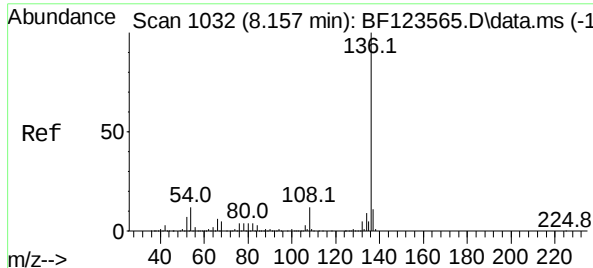
Tgt Ion:	99	Resp:	2239223
Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.8	29.8
71	39.5	31.1	46.7



n-Nitroso-di-n-propylamine
 Concen: 18.56 ng
 RT: 7.428 min Scan# 908
 Delta R.T. 0.141 min
 Lab File: BF123589.D
 Acq: 16 Apr 2021 13:16

Tgt Ion:	70	Resp:	217142
Ion	Ratio	Lower	Upper
70	100		
42	53.4	60.1	90.1#
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#

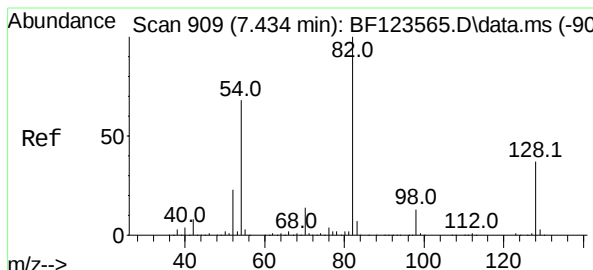
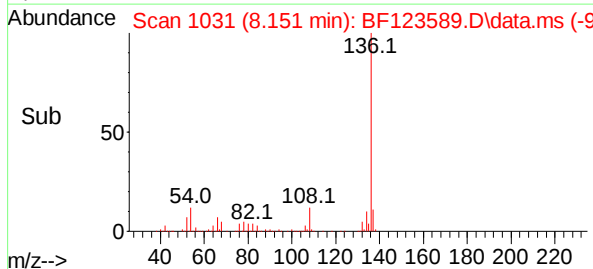
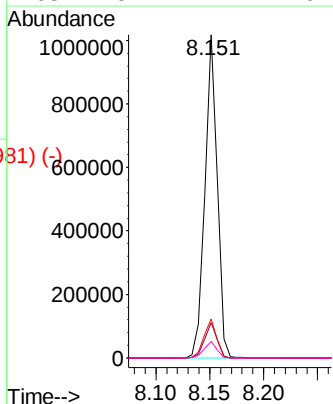
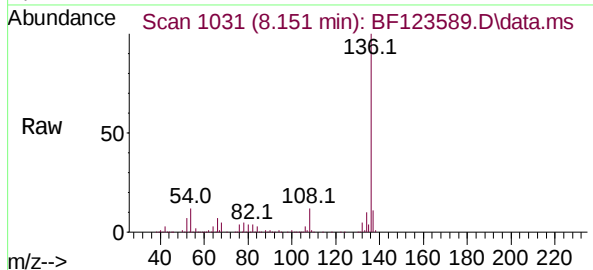




Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

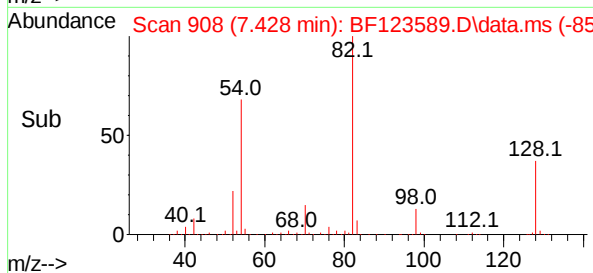
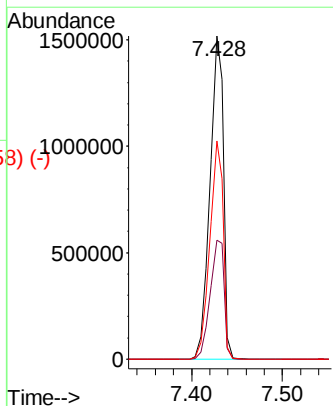
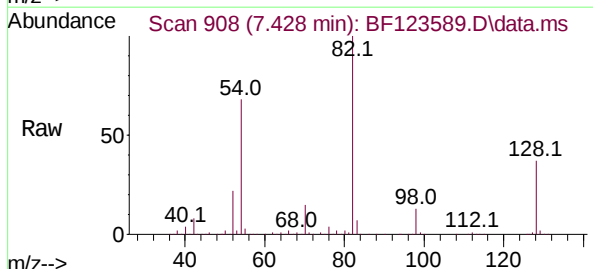
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tgt Ion:	136	Resp:	798293
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.1	9.8	14.6
68	5.2	4.1	6.1

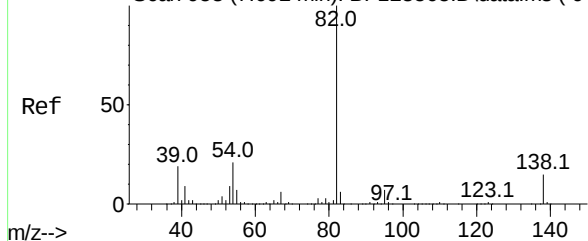


Nitrobenzene-d5
Concen: 90.04 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

Tgt Ion:	82	Resp:	1563559
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.4	44.2
54	67.5	54.1	81.1



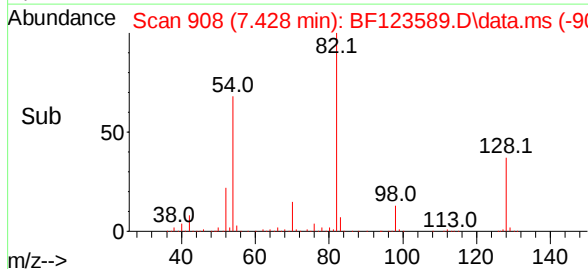
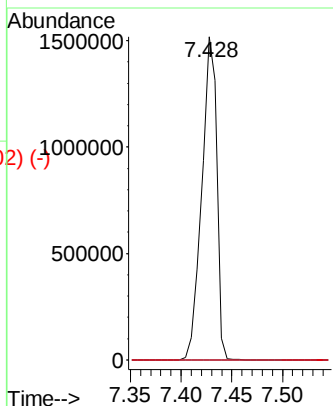
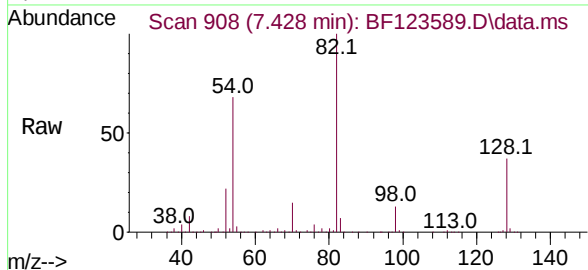
Abundance Scan 953 (7.692 min): BF123565.D\data.ms (-947) #25



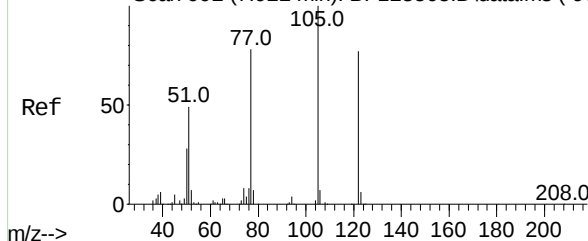
Isophorone
Concen: 46.35 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tgt Ion: 82 Resp: 1561408
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

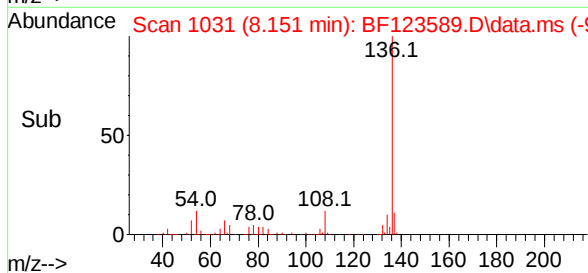
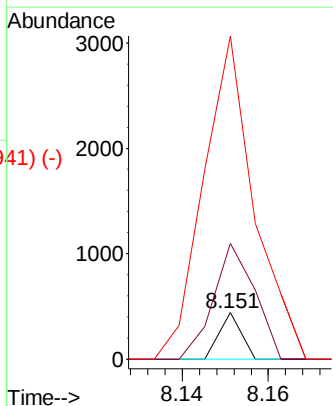
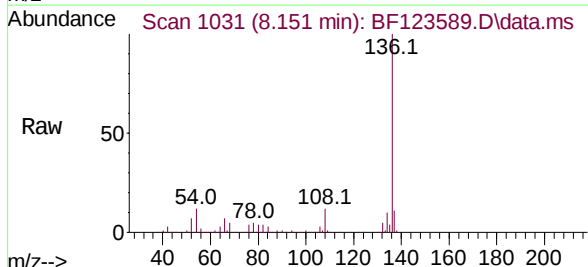


Abundance Scan 992 (7.922 min): BF123565.D\data.ms (-977) #32



Benzoic acid
Concen: 4.56 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.229 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

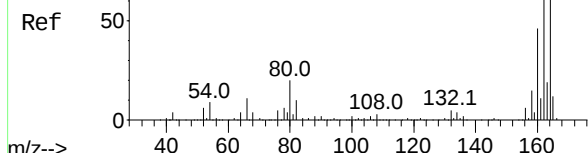
Tgt Ion:122 Resp: 156
Ion Ratio Lower Upper
122 100
105 248.5 107.8 147.8#
77 695.2 81.6 121.6#



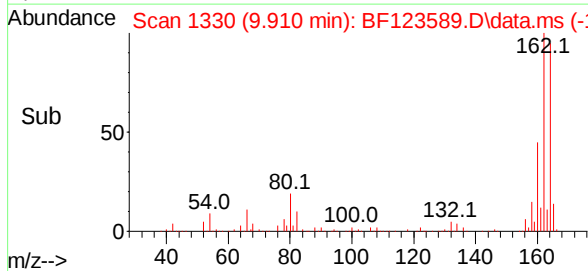
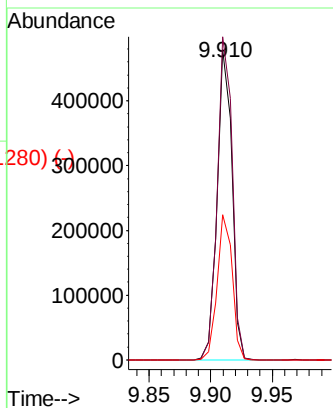
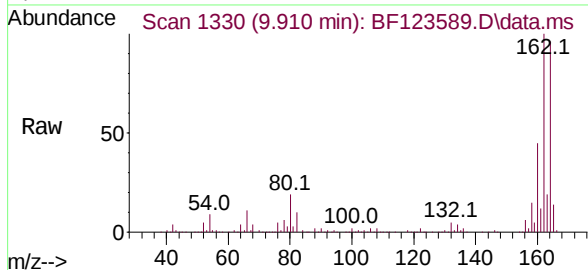
Abundance Scan 1331 (9.916 min): BF123565.D\data.ms (-1329)

Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

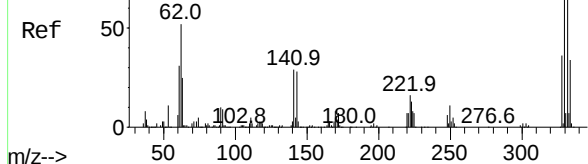


Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	46.7	37.3	55.9

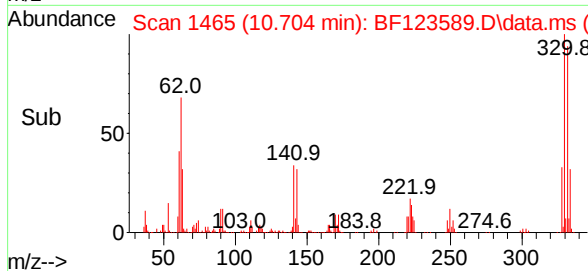
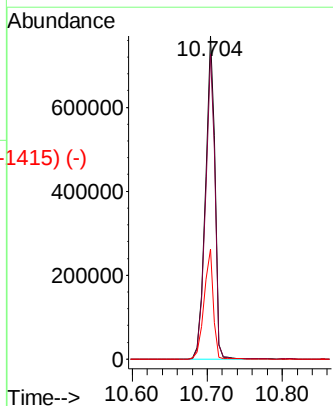
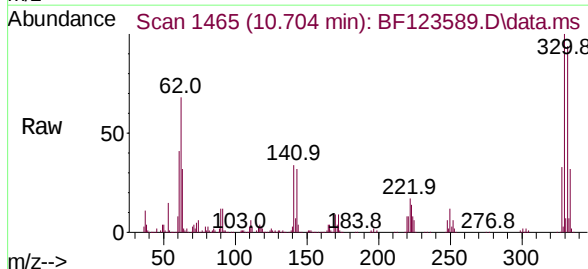


Abundance Scan 1466 (10.710 min): BF123565.D\data.ms (-1463)

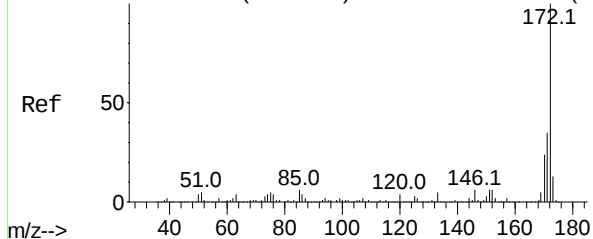
2,4,6-Tribromophenol
Concen: 154.30 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16



Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.1	115.7
141	32.7	27.9	41.9

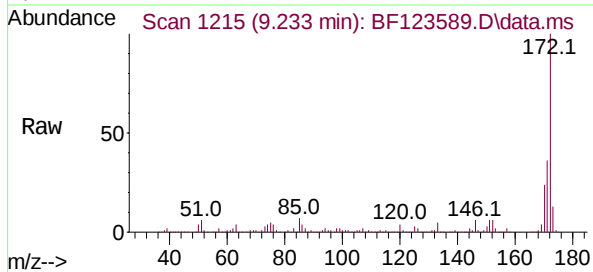


Abundance Scan 1216 (9.239 min): BF123565.D\data.ms (-12165-)

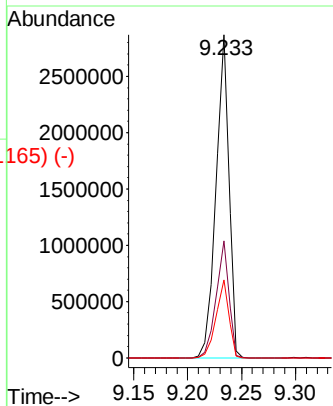
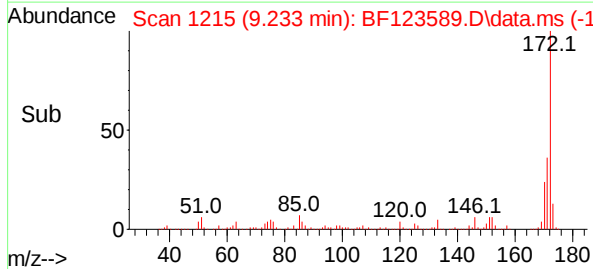


2-Fluorobiphenyl
Concen: 90.16 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

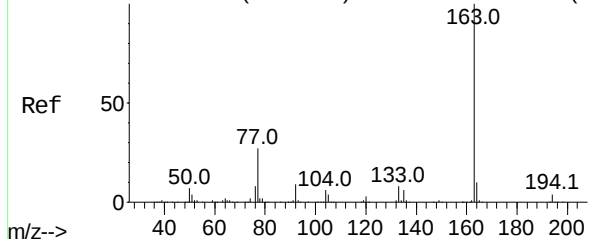
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ClientSampleId :
SB-05-0-2.0



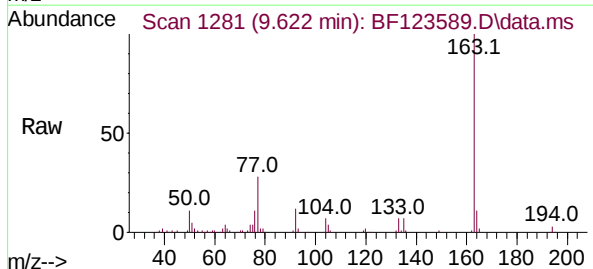
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.1	42.1
170	24.1	19.2	28.8



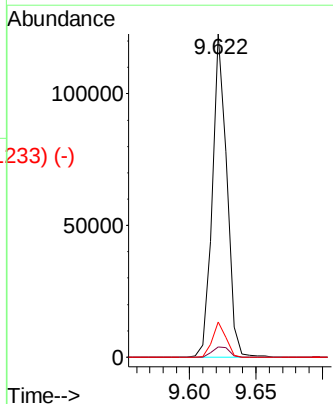
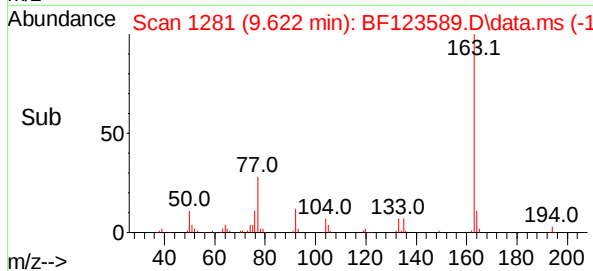
Abundance Scan 1284 (9.639 min): BF123565.D\data.ms (-12750-)



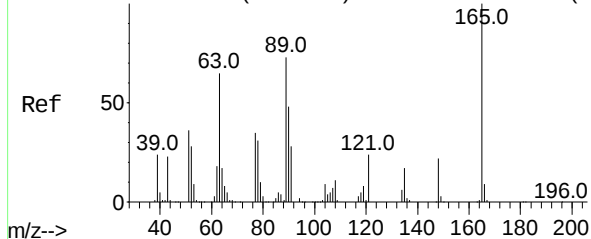
Dimethylphthalate
Concen: 3.37 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16



Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.1	4.7
164	10.8	8.2	12.2



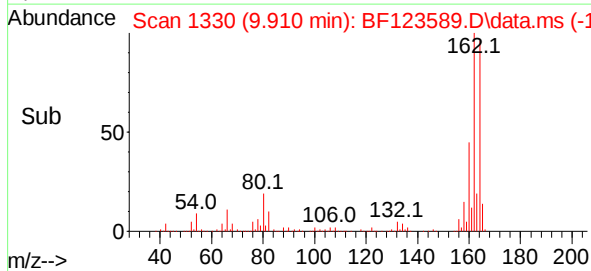
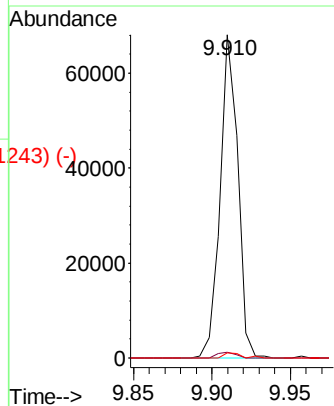
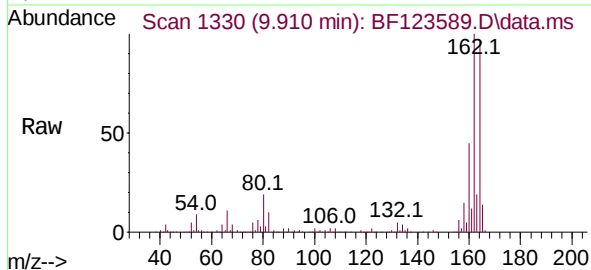
Abundance Scan 1294 (9.698 min): BF123565.D\data.ms (-12851)



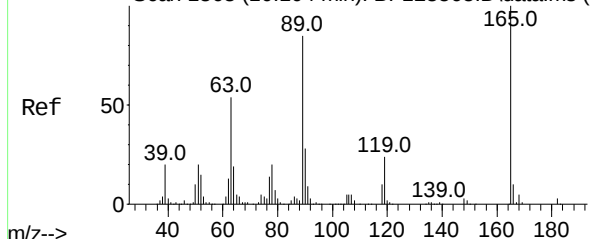
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Tgt Ion:	165	Resp:	53362
Ion Ratio	Lower	Upper	
165	100		
63	1.8	67.7	101.5#
89	1.5	58.8	88.2#

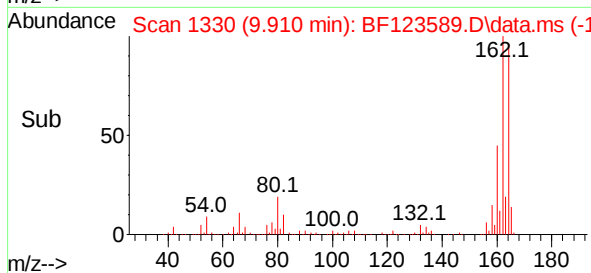
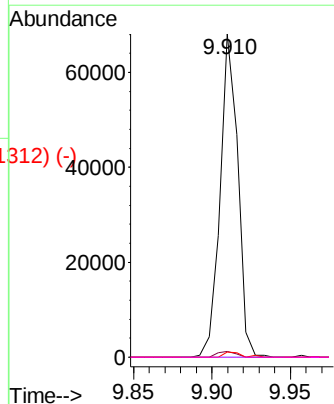
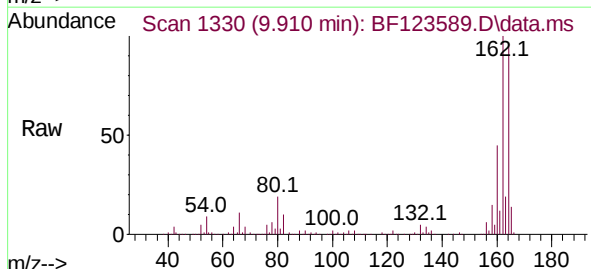


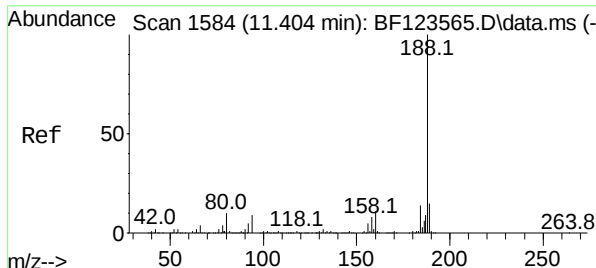
Abundance Scan 1363 (10.104 min): BF123565.D\data.ms (-1356) (-)



2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

Tgt Ion:	165	Resp:	53362
Ion Ratio	Lower	Upper	
165	100		
63	1.8	43.5	65.3#
89	1.5	67.7	101.5#
182	0.0	2.1	3.1#

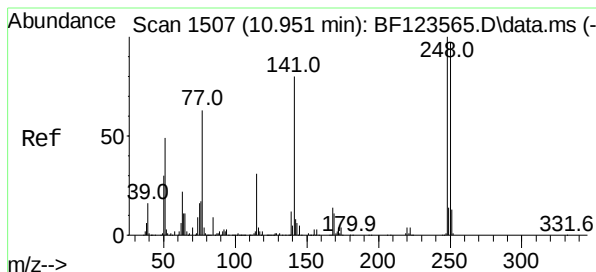
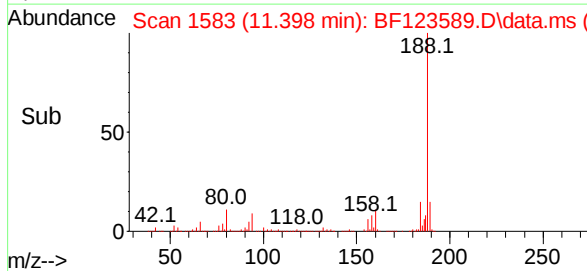
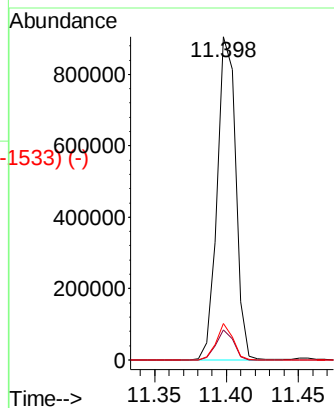
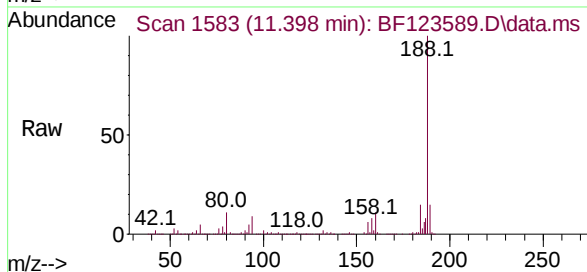




Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

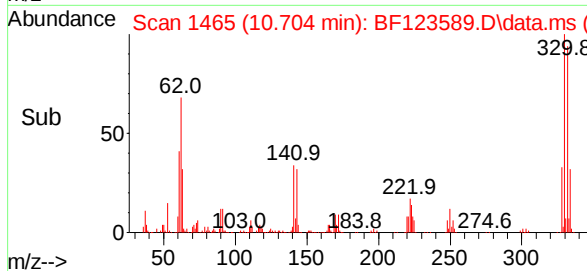
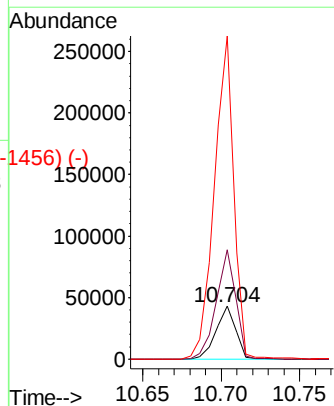
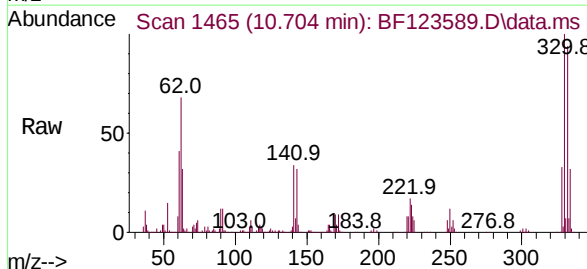
Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

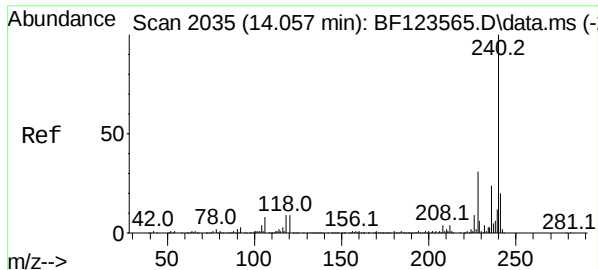
Tgt Ion:	188	Resp:	804924
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	11.3	8.2	12.2



4-Bromophenyl-phenylether
Concen: 4.46 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

Tgt Ion:	248	Resp:	37545
Ion	Ratio	Lower	Upper
248	100		
250	207.0	77.4	116.2#
141	609.8	63.7	95.5#

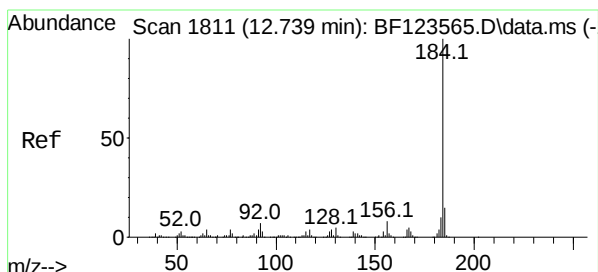
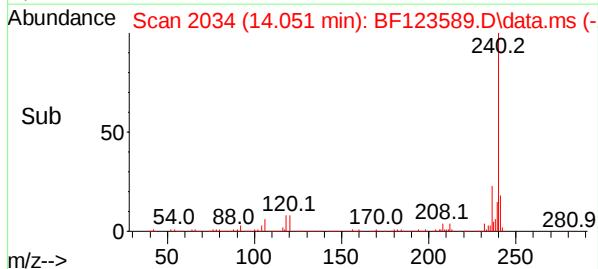
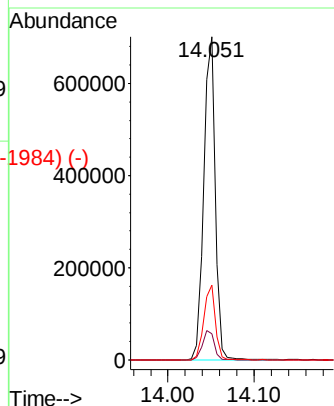
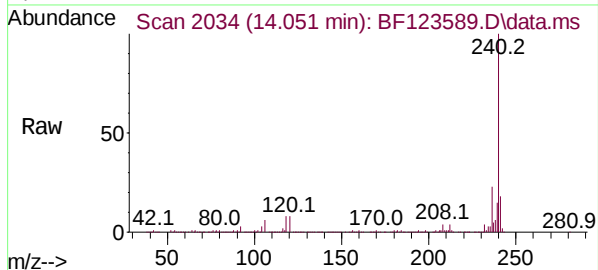




Chrysene-d12
 Concen: 20.00 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF123589.D
 Acq: 16 Apr 2021 13:16

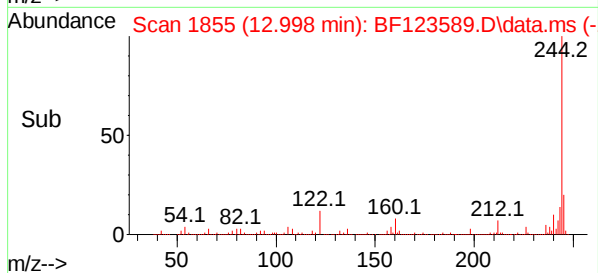
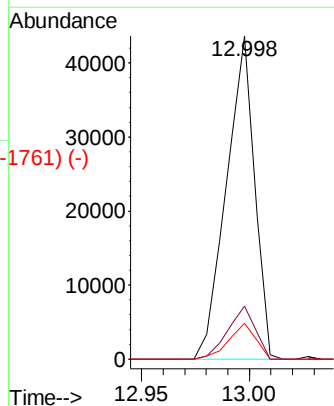
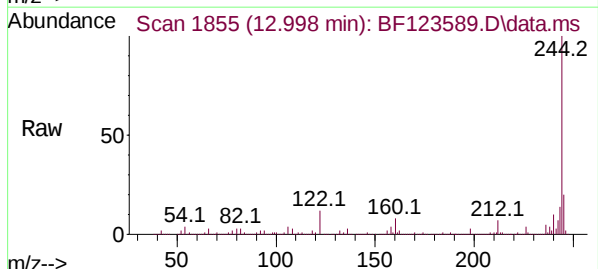
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

Tgt Ion:	240	Resp:	643008
Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.2	10.8
236	23.1	19.0	28.4



Benzidine
 Concen: 2.28 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.253 min
 Lab File: BF123589.D
 Acq: 16 Apr 2021 13:16

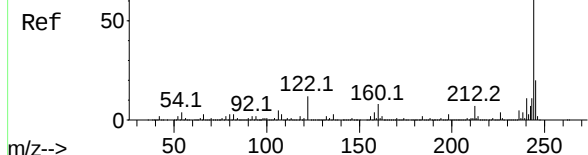
Tgt Ion:	184	Resp:	39899
Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.1	18.1
183	11.1	7.8	11.8



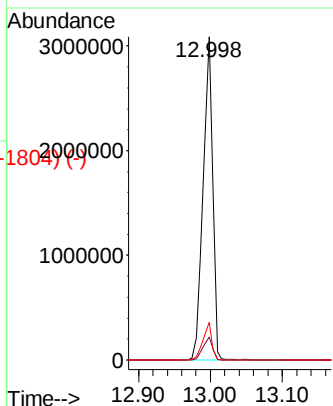
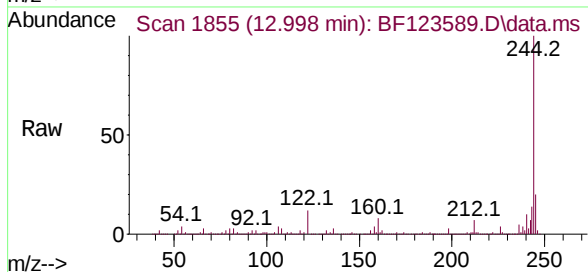
Abundance Scan 1855 (12.998 min): BF123565.D\data.ms (-18049) (-)

Terphenyl-d14
Concen: 86.44 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16

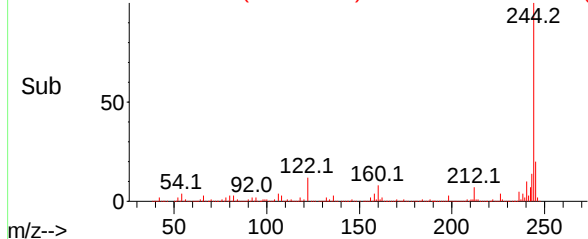
Instrument :
BNA_F
ClientSampled :
SB-05-0-2.0



Tgt Ion:	244	Resp:	2859784
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.7	9.7	14.5

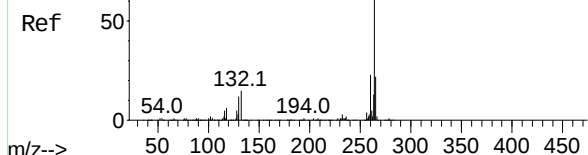


Abundance Scan 1855 (12.998 min): BF123589.D\data.ms (-18049) (-)

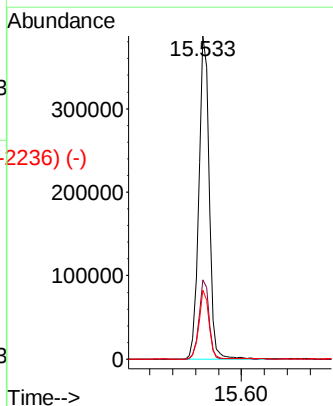
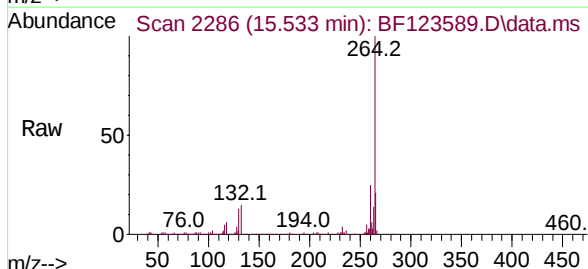


Abundance Scan 2287 (15.539 min): BF123565.D\data.ms (-2236) (-)

Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF123589.D
Acq: 16 Apr 2021 13:16



Tgt Ion:	264	Resp:	481408
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.4	17.8	26.8



Abundance Scan 2286 (15.533 min): BF123589.D\data.ms (-2236) (-)

