

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123793.D
 Acq On : 3 May 2021 22:50
 Operator : JU/CG
 Sample : M2217-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HTCVRV2-GRAB-CF02-02

Quant Time: May 04 00:57:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

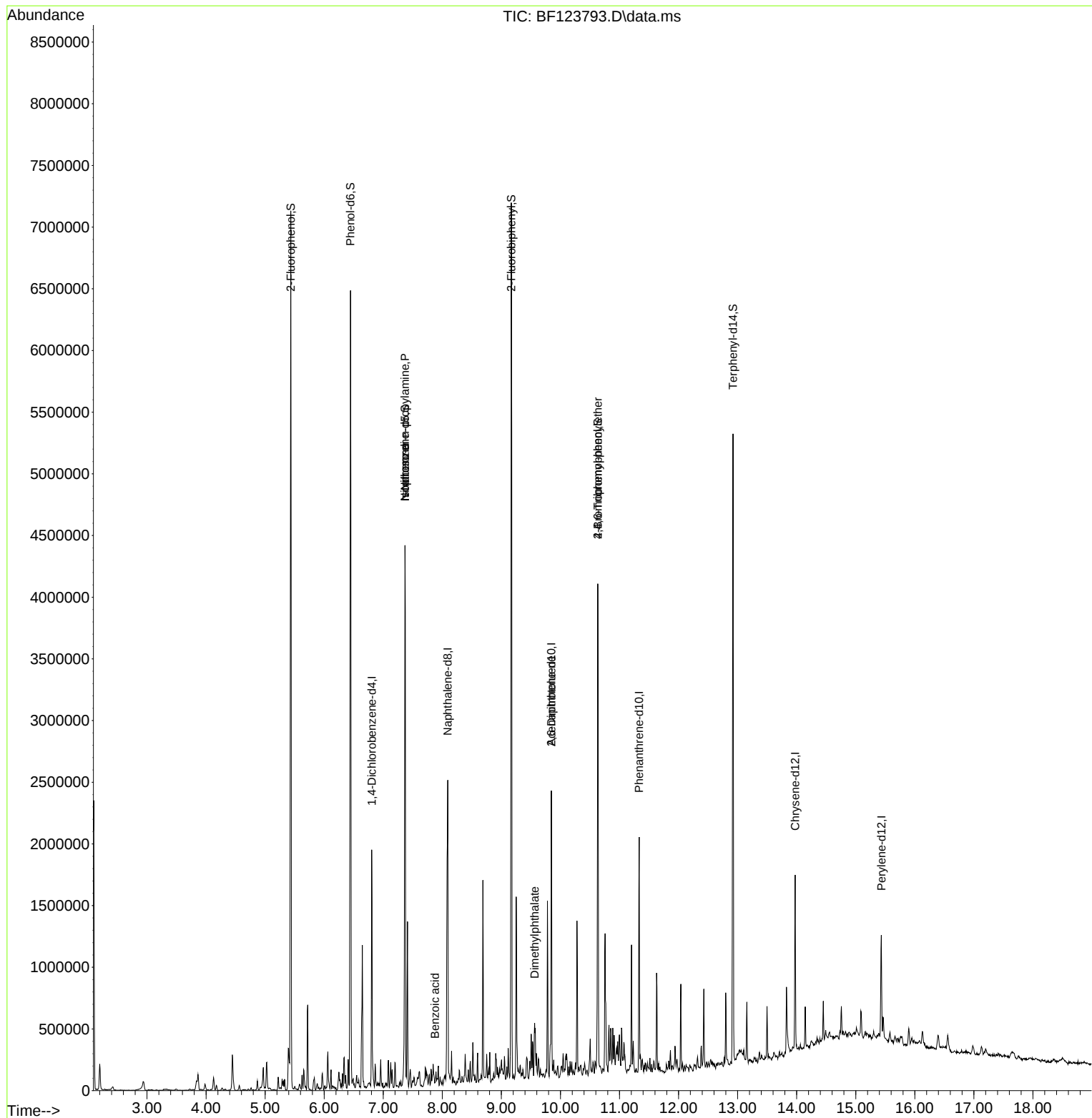
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	243514	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	877906	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	396050	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	630840	20.00	ng	0.00
76) Chrysene-d12	13.974	240	473214	20.00	ng	-0.01
86) Perylene-d12	15.433	264	372054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1556360	101.25	ng	0.01
7) Phenol-d6	6.445	99	2026009	95.68	ng	0.00
23) Nitrobenzene-d5	7.369	82	1420427	73.04	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	442813	89.81	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2004436	73.70	ng	0.00
79) Terphenyl-d14	12.922	244	1563547	63.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	197337	15.09	ng	Qvalue # 80
25) Isophorone	7.369	82	1413384	38.76	ng	# 69
32) Benzoic acid	7.875	122	124	5.40	ng	# 1
50) Dimethylphthalate	9.563	163	90621	3.25	ng	98
51) 2,6-Dinitrotoluene	9.845	165	62443	9.68	ng	# 13
67) 4-Bromophenyl-phenylether	10.633	248	23839	3.59	ng	# 1

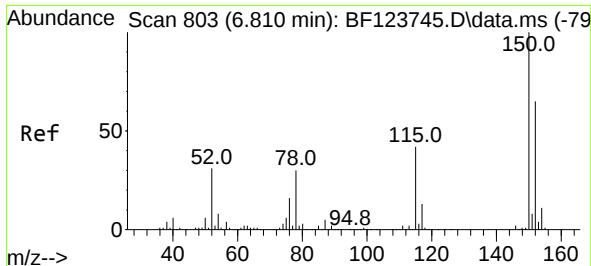
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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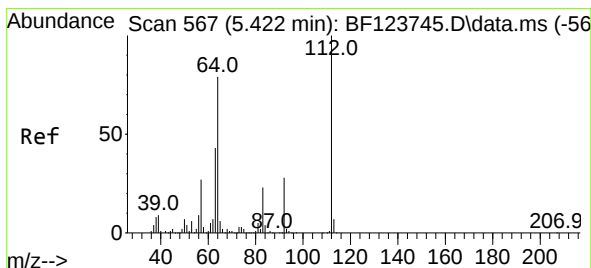
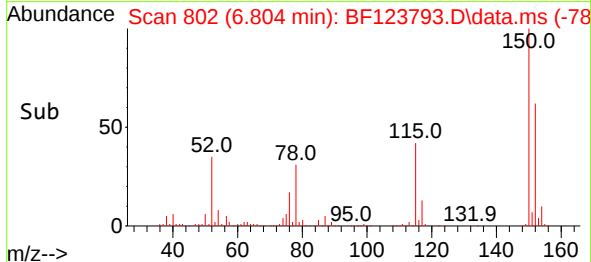
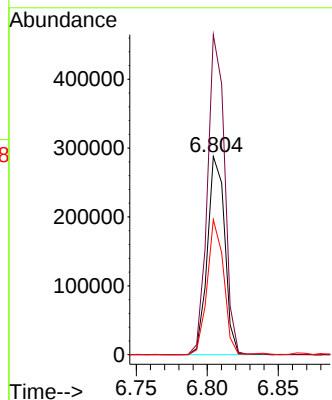
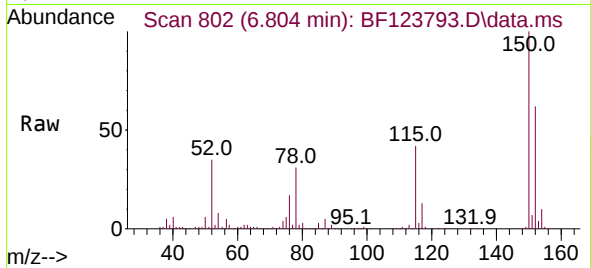




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

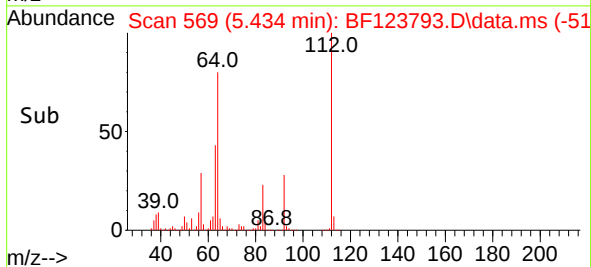
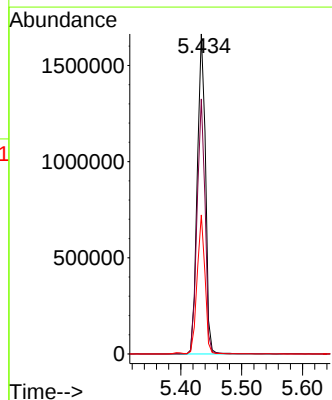
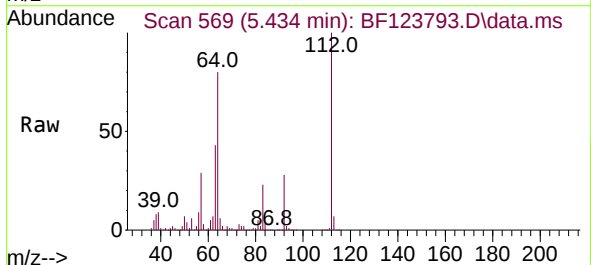
Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

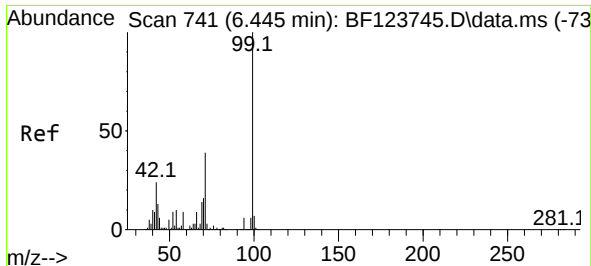
Tgt Ion:152 Resp: 243514
Ion Ratio Lower Upper
152 100
150 161.4 127.0 190.6
115 68.1 54.3 81.5



#5
2-Fluorophenol
Concen: 101.25 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

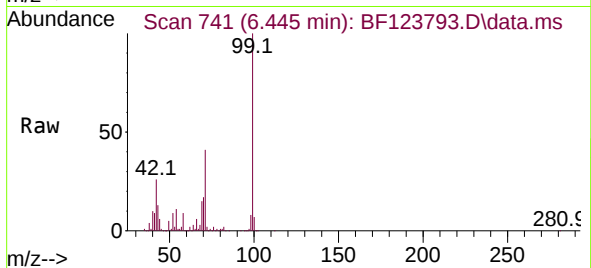
Tgt Ion:112 Resp: 1556360
Ion Ratio Lower Upper
112 100
64 79.7 61.4 92.0
63 43.5 33.0 49.4





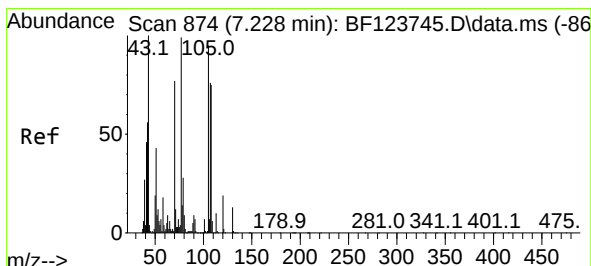
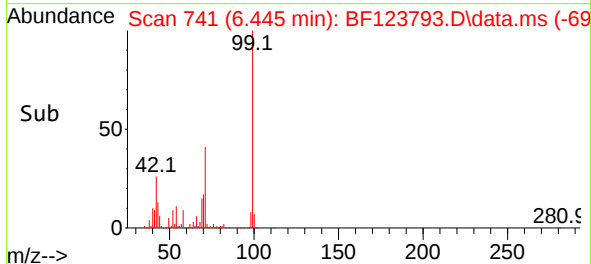
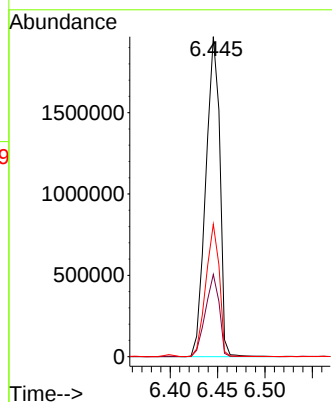
#7
Phenol-d6
Concen: 95.68 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02



Tgt Ion: 99 Resp: 2026009

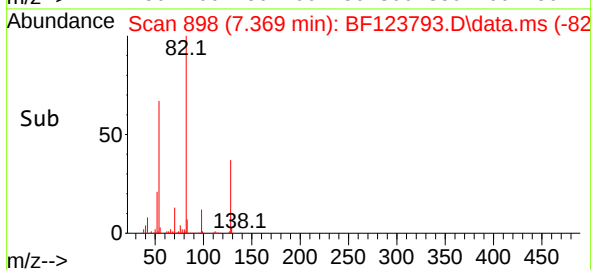
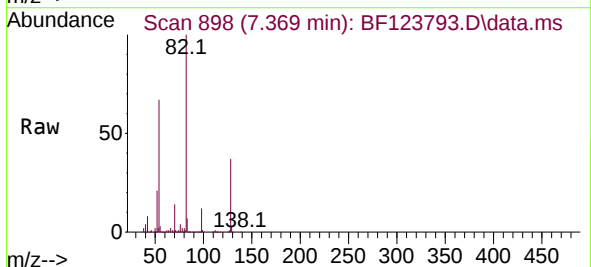
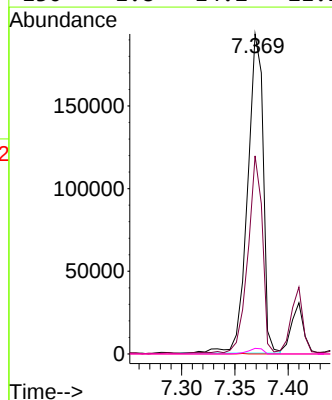
Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.8	29.8
71	41.4	31.1	46.7

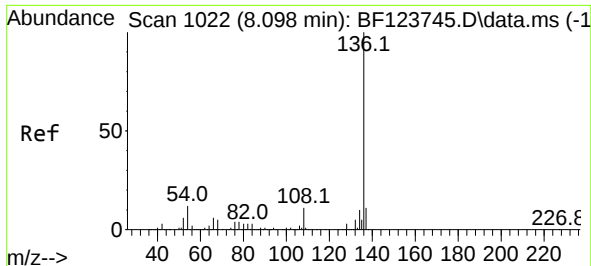


#19
n-Nitroso-di-n-propylamine
Concen: 15.09 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion: 70 Resp: 197337

Ion	Ratio	Lower	Upper
70	100		
42	61.9	60.1	90.1
101	0.0	7.4	11.2#
130	1.8	14.2	21.2#



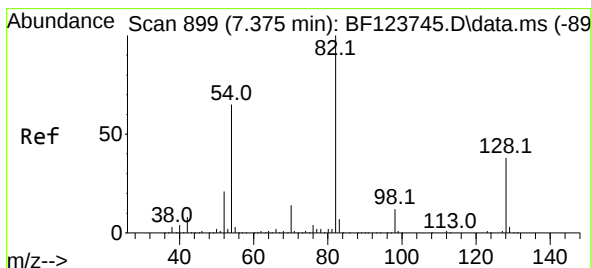
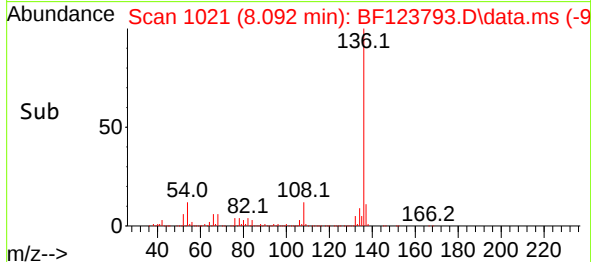
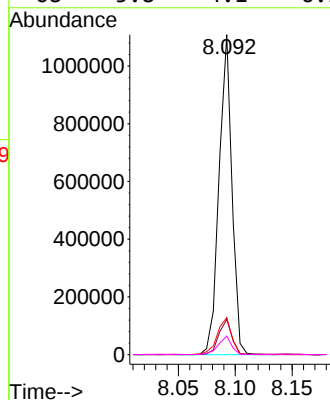
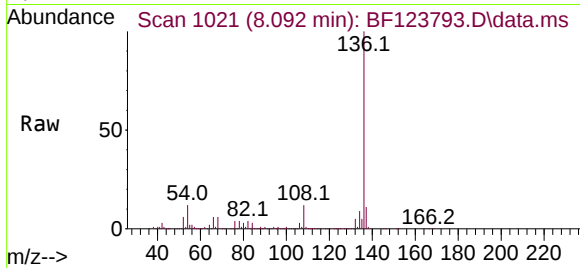


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

Tgt Ion:136 Resp: 877906

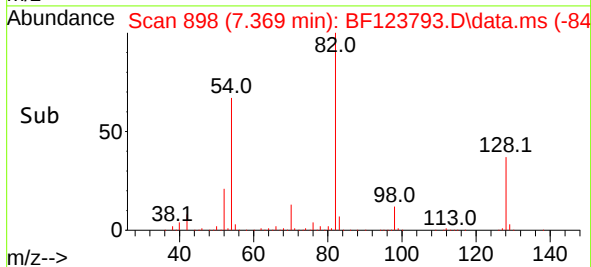
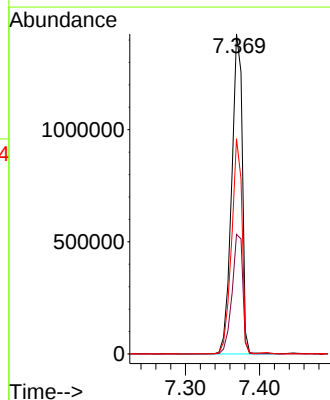
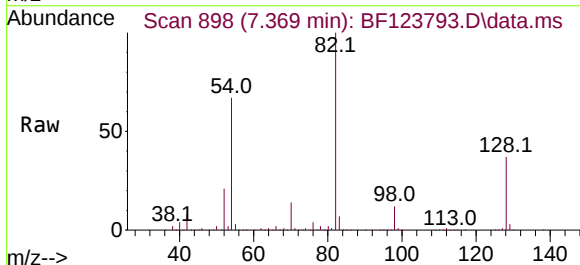
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.6	9.8	14.6
68	5.8	4.1	6.1

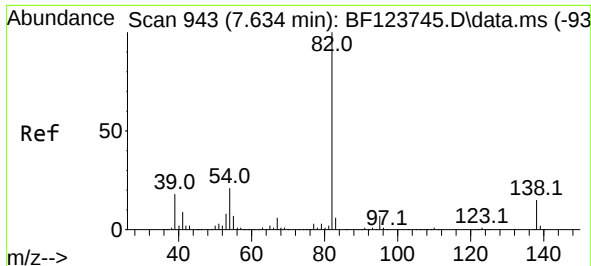


#23
Nitrobenzene-d5
Concen: 73.04 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion: 82 Resp: 1420427

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.4	44.2
54	67.3	54.1	81.1

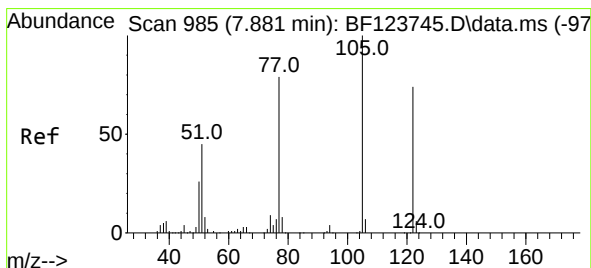
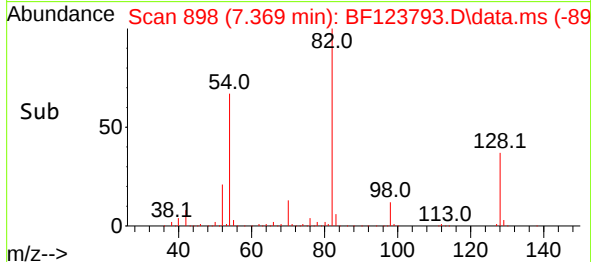
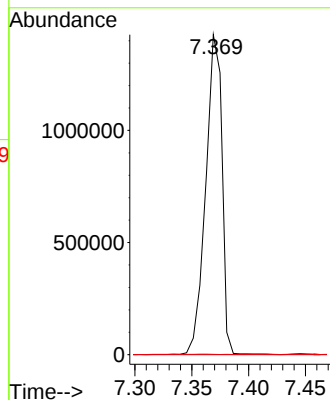
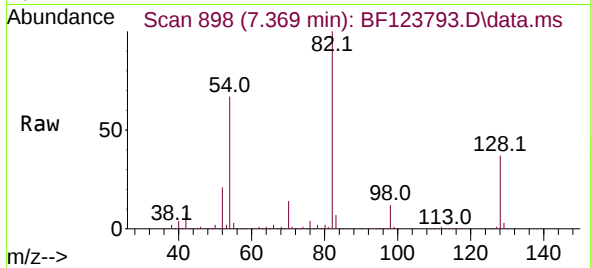




#25
Isophorone
Concen: 38.76 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

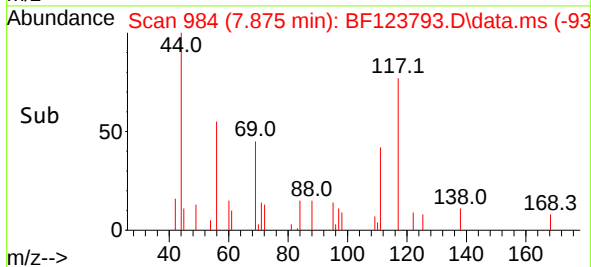
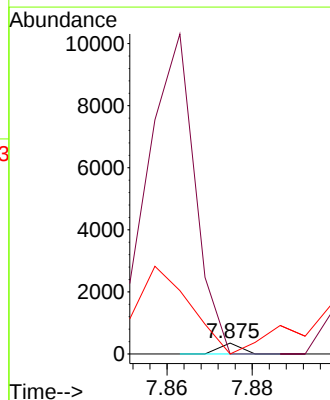
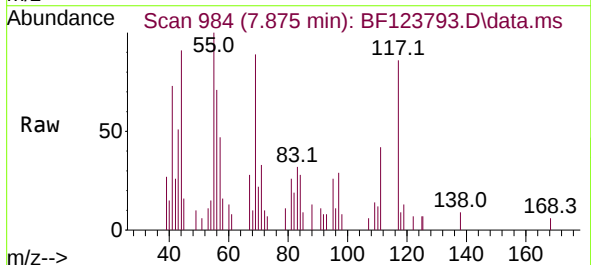
Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

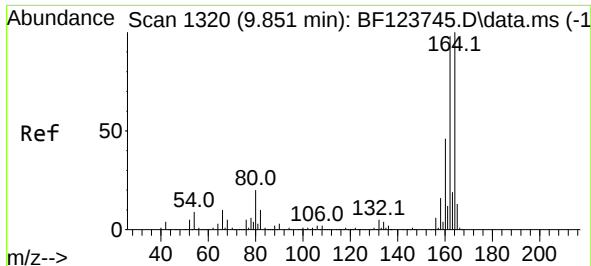
Tgt Ion: 82 Resp: 1413384
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

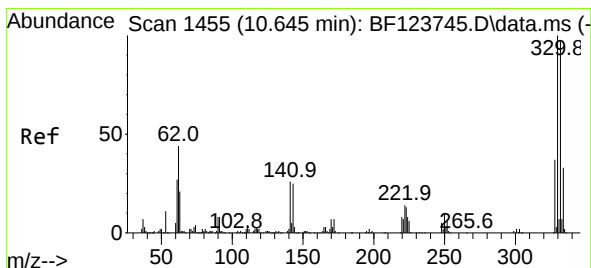
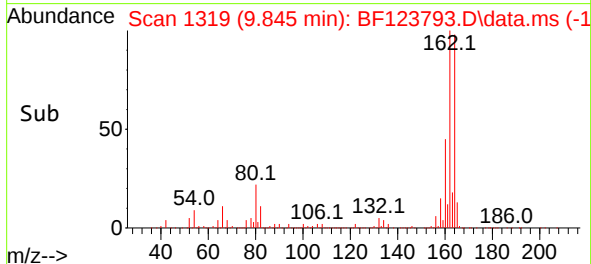
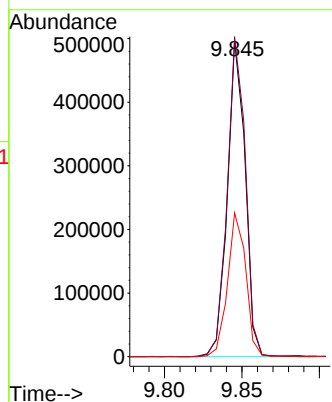
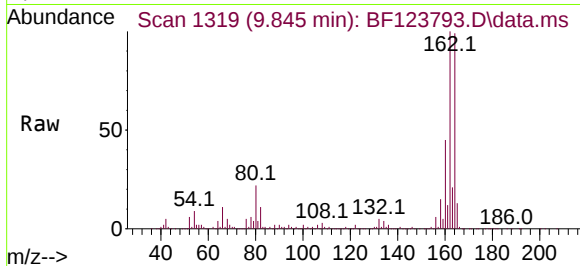




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

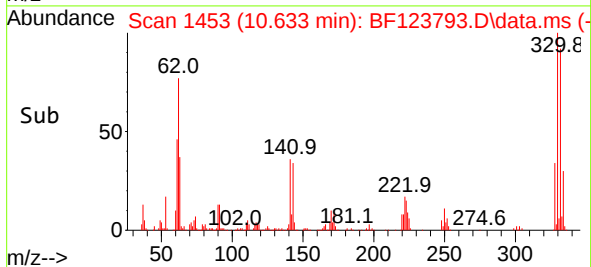
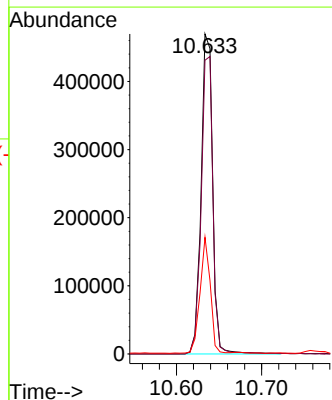
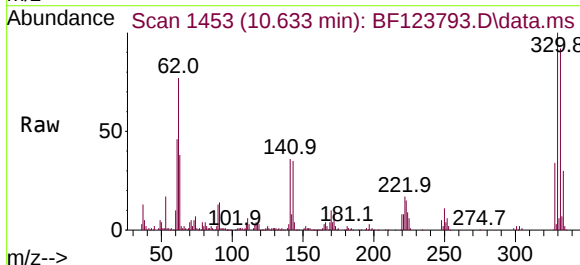
Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

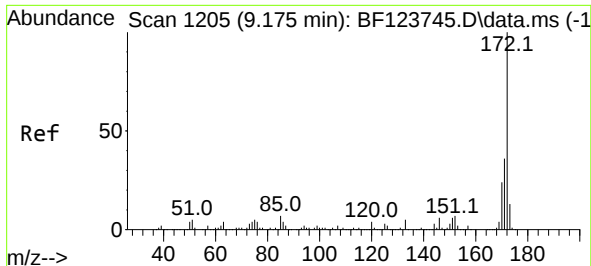
Tgt Ion:164 Resp: 396050
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 45.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 89.81 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion:330 Resp: 442813
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 32.4 27.9 41.9



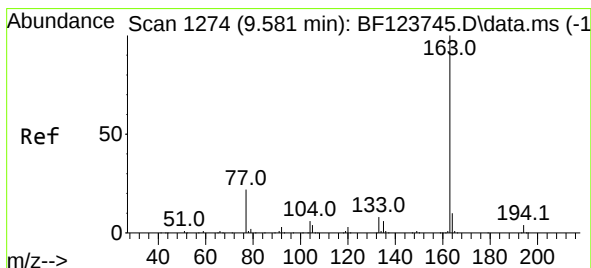
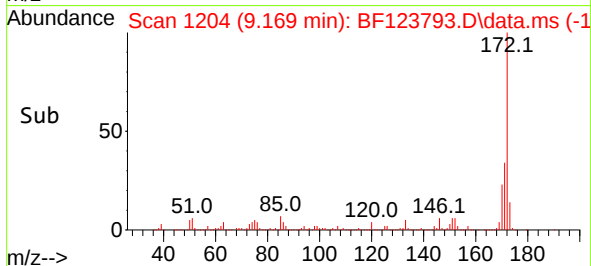
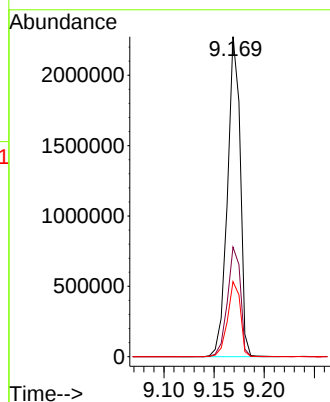
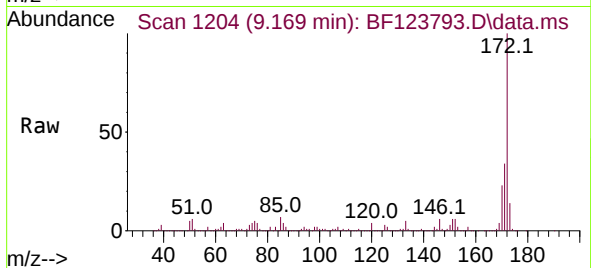


#45
2-Fluorobiphenyl
Concen: 73.70 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

Tgt Ion:172 Resp: 2004436

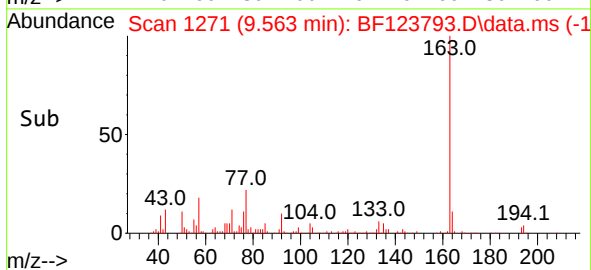
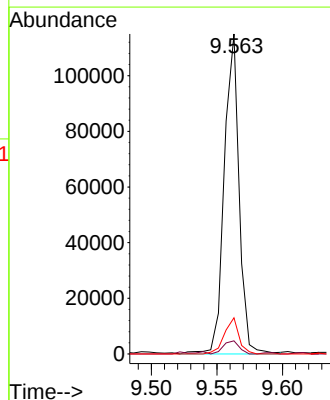
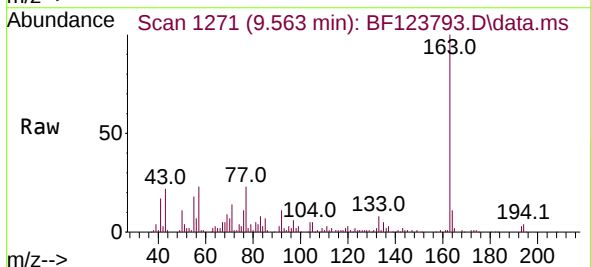
Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.1	42.1
170	23.4	19.2	28.8

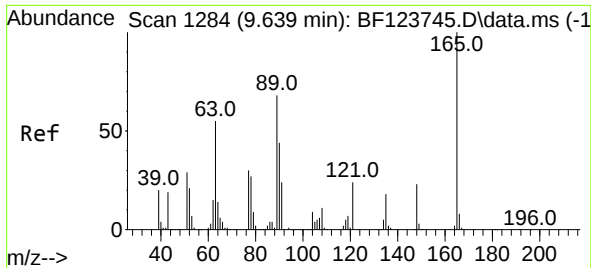


#50
Dimethylphthalate
Concen: 3.25 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.018 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion:163 Resp: 90621

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	11.3	8.2	12.2

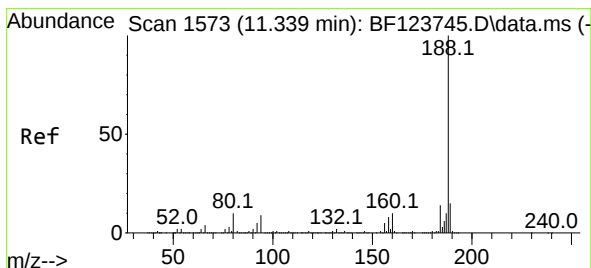
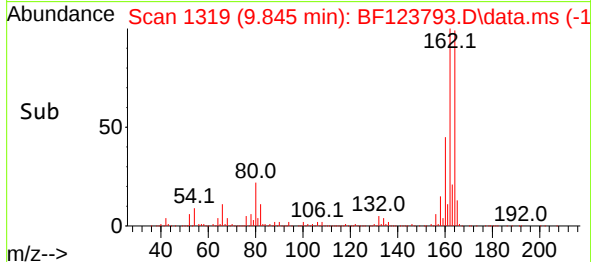
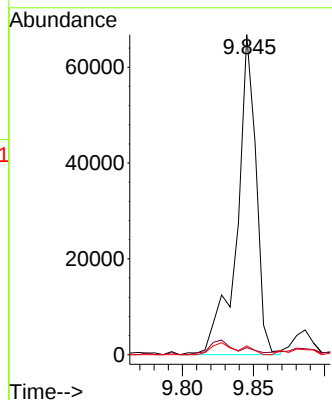
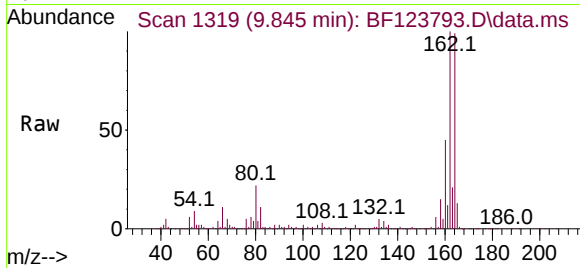




#51
2,6-Dinitrotoluene
Concen: 9.68 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

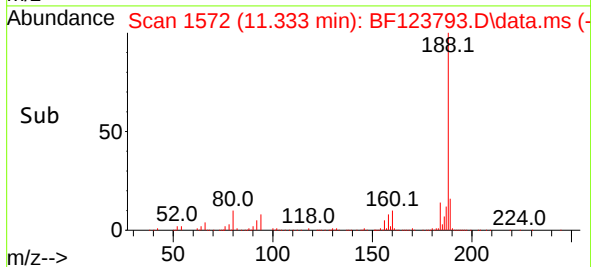
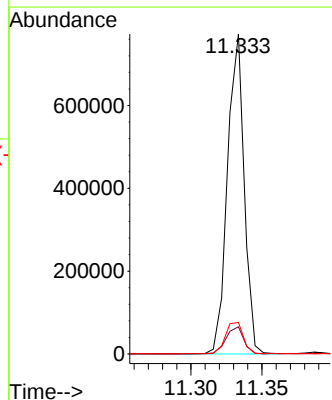
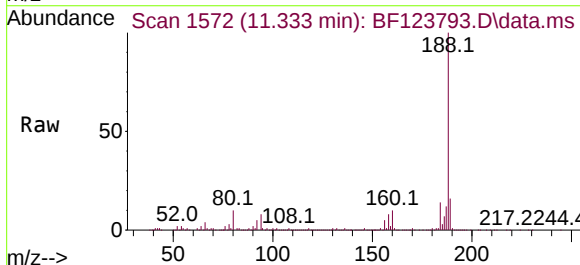
Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

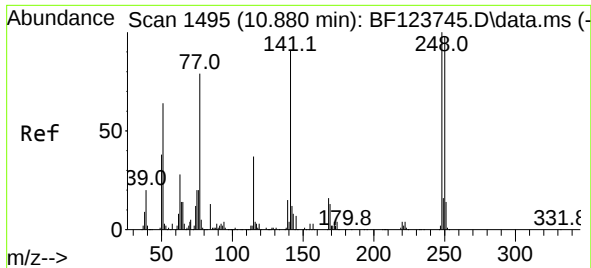
Tgt Ion:165 Resp: 62443
Ion Ratio Lower Upper
165 100
63 2.2 67.7 101.5#
89 2.7 58.8 88.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion:188 Resp: 630840
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.8 8.2 12.2

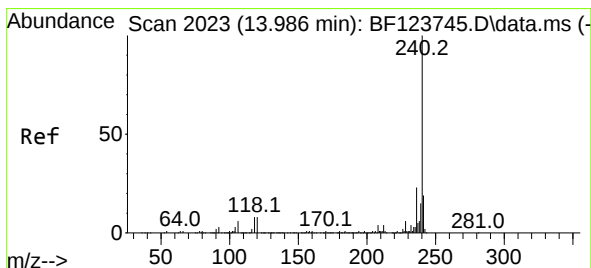
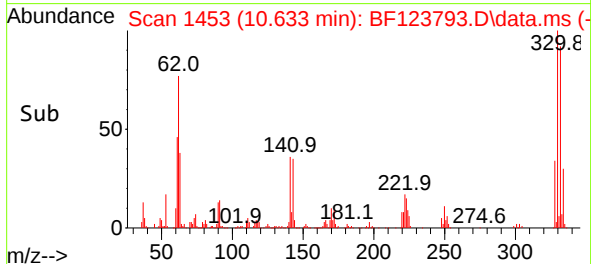
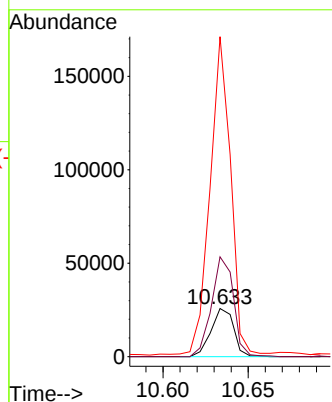
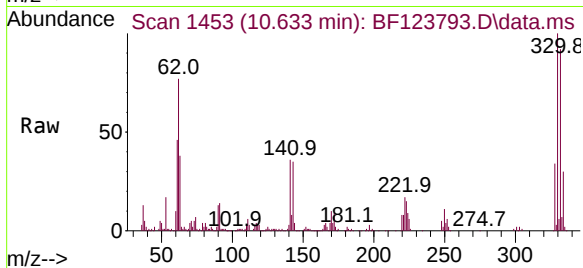




#67
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.247 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

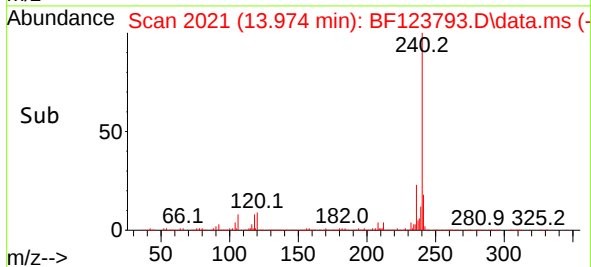
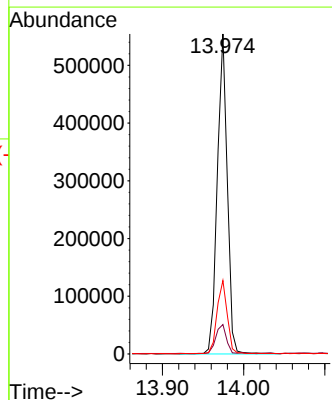
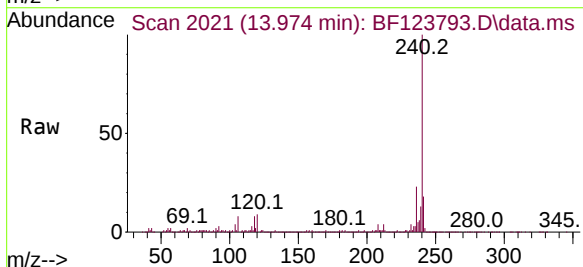
Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

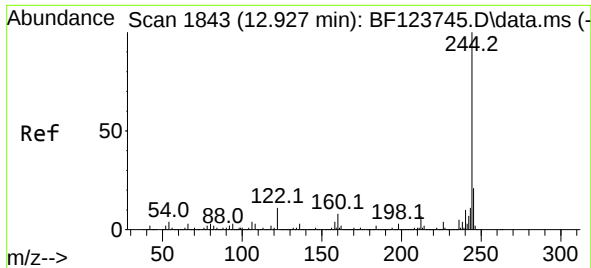
Tgt Ion:248 Resp: 23839
Ion Ratio Lower Upper
248 100
250 207.4 77.4 116.2#
141 664.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion:240 Resp: 473214
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 22.9 19.0 28.4

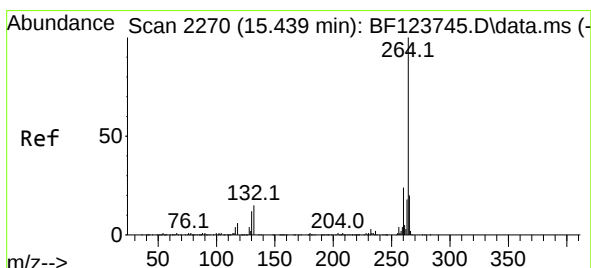
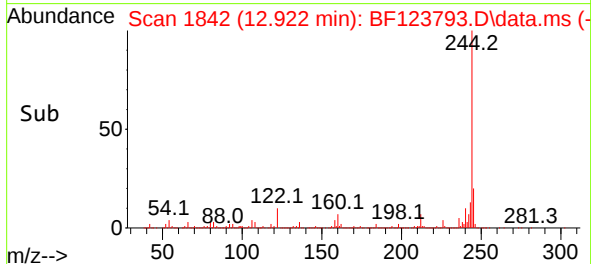
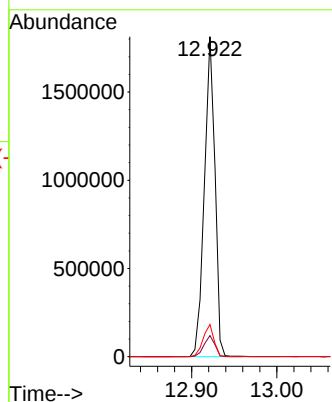
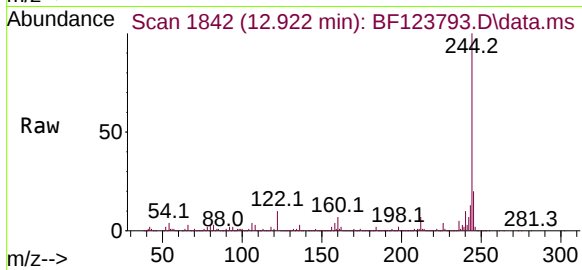




#79
Terphenyl-d14
Concen: 63.62 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Instrument :
BNA_F
ClientSampleId :
HTCRV2-GRAB-CF02-02

Tgt Ion:244 Resp: 1563547
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.0 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123793.D
Acq: 3 May 2021 22:50

Tgt Ion:264 Resp: 372054
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 19.7 17.8 26.8

