

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123485.D
 Acq On : 26 Mar 2021 14:28
 Operator : JU/CG
 Sample : M1796-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2021-WW-000-06RE

Quant Time: Mar 26 14:49:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

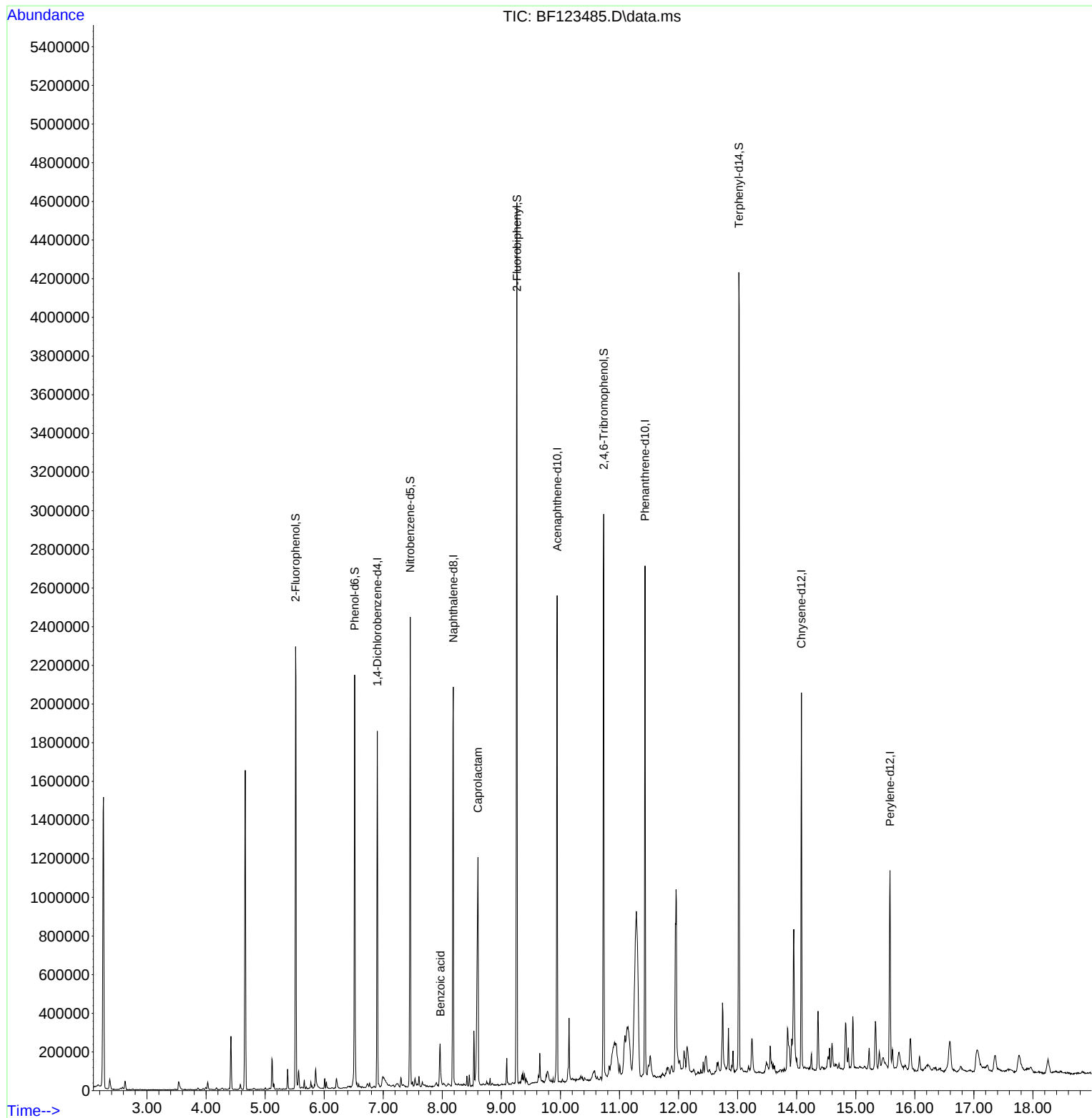
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	248226	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	929389	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	515212	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	889954	20.00	ng	0.00
76) Chrysene-d12	14.080	240	624441	20.00	ng	0.00
86) Perylene-d12	15.580	264	478882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	580042	38.23	ng	0.00
7) Phenol-d6	6.516	99	605601	29.98	ng	-0.01
23) Nitrobenzene-d5	7.457	82	704787	40.93	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	368089	63.90	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1373682	38.09	ng	0.00
79) Terphenyl-d14	13.021	244	1444090	39.19	ng	0.00
Target Compounds						
32) Benzoic acid	7.969	122	19522	2.19	ng	Qvalue 97
35) Caprolactam	8.604	113	145696	32.62	ng	# 35

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

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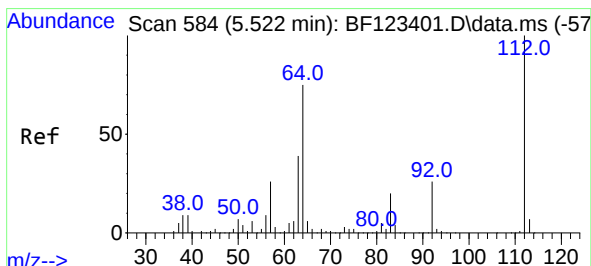
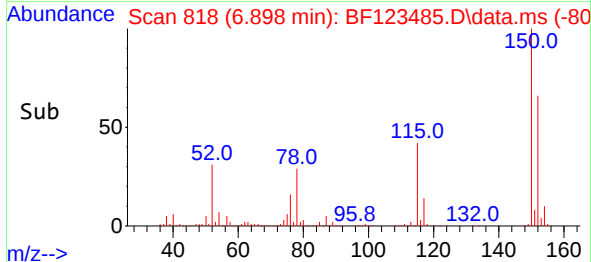
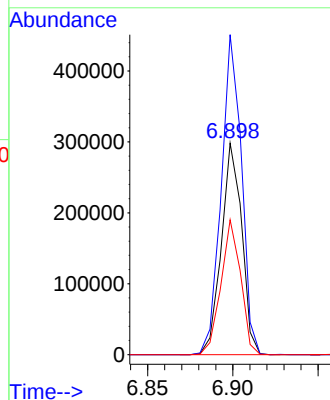
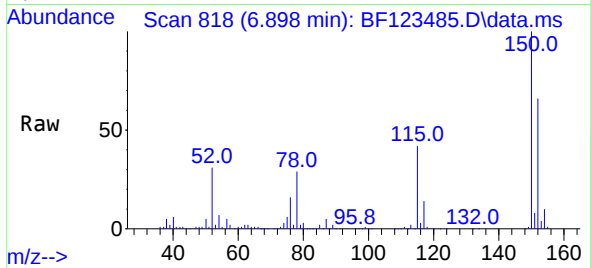




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

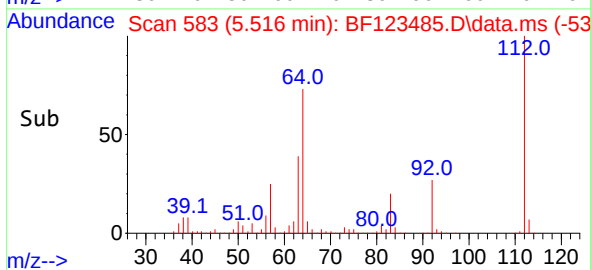
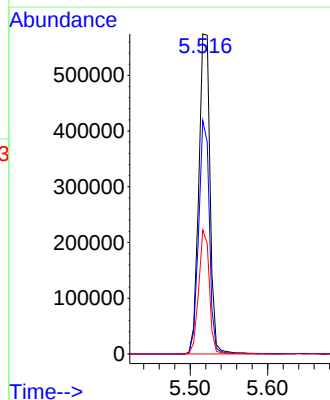
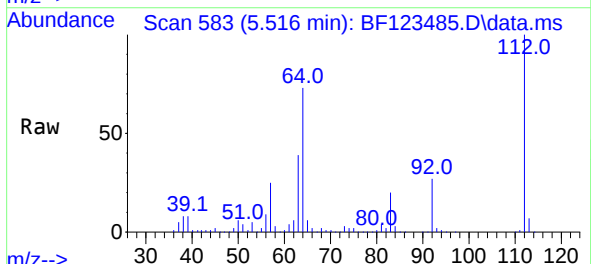
Instrument :
BNA_F
ClientSampleId :
PB-2021-WW-000-06RE

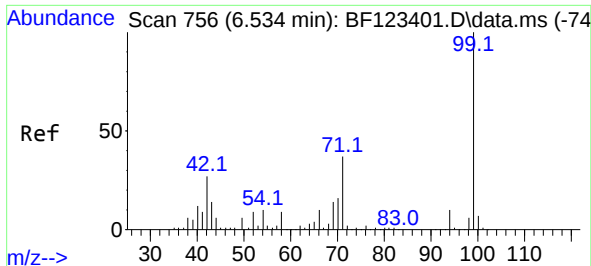
Tgt Ion:152 Resp: 248226
Ion Ratio Lower Upper
152 100
150 151.3 125.8 188.6
115 63.8 49.3 73.9



#5
2-Fluorophenol
Concen: 38.23 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Tgt Ion:112 Resp: 580042
Ion Ratio Lower Upper
112 100
64 72.9 46.9 70.3#
63 38.8 24.5 36.7#

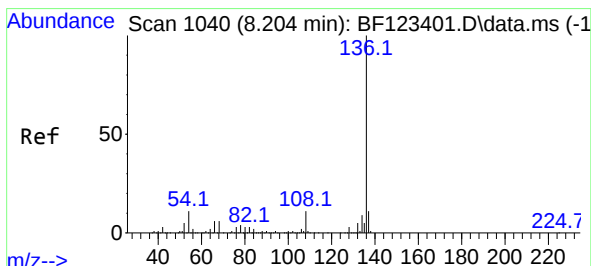
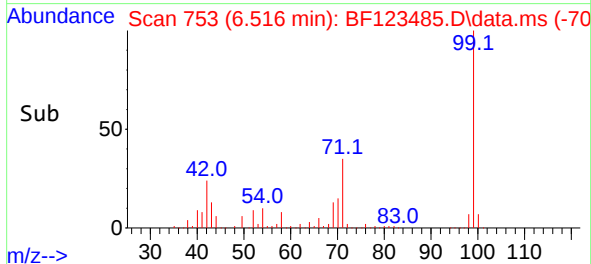
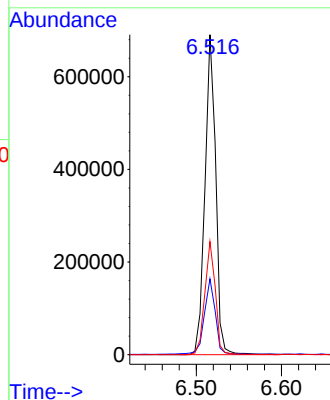
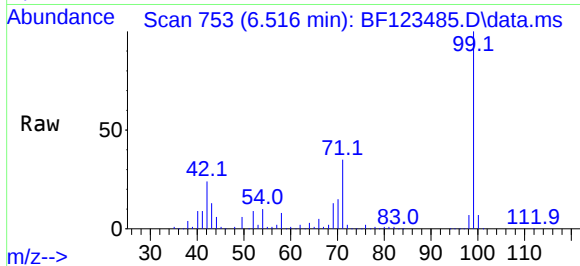




#7
Phenol-d6
Concen: 29.98 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

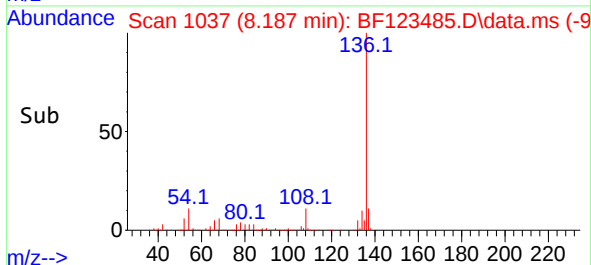
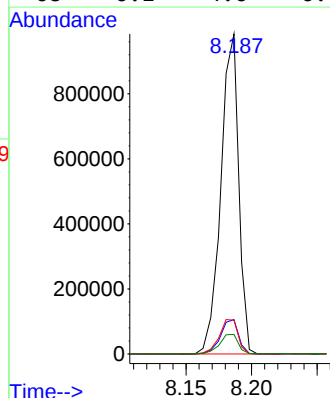
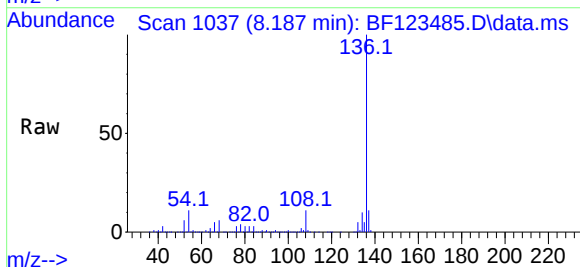
Instrument :
BNA_F
ClientSampleId :
PB-2021-WW-000-06RE

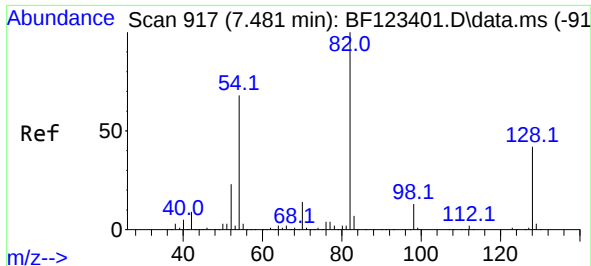
Tgt Ion: 99 Resp: 605601
Ion Ratio Lower Upper
99 100
42 23.7 13.8 20.6#
71 35.4 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Tgt Ion: 136 Resp: 929389
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.5 5.5 8.3#
68 6.1 4.6 6.8

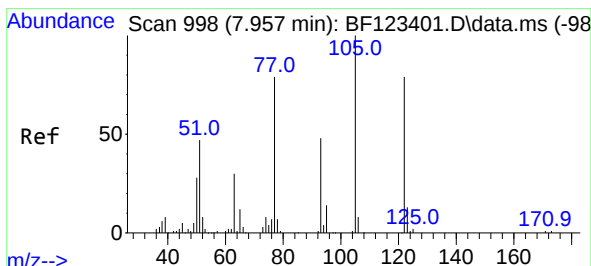
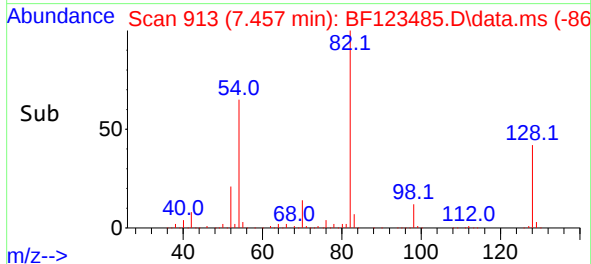
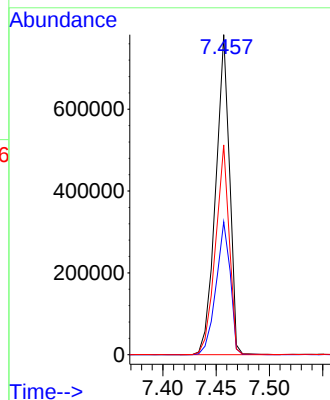
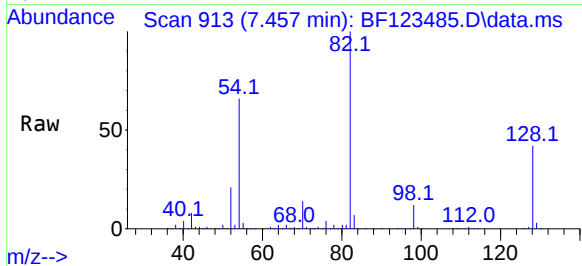




#23
Nitrobenzene-d5
Concen: 40.93 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

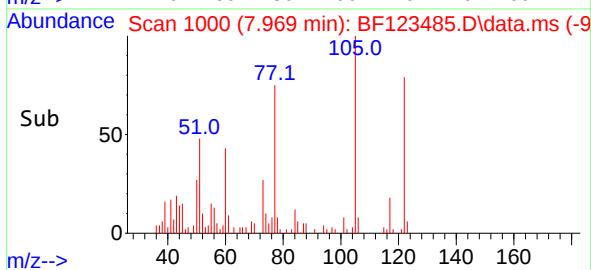
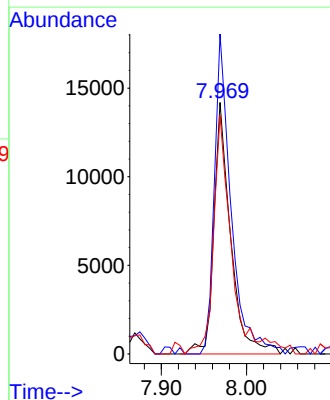
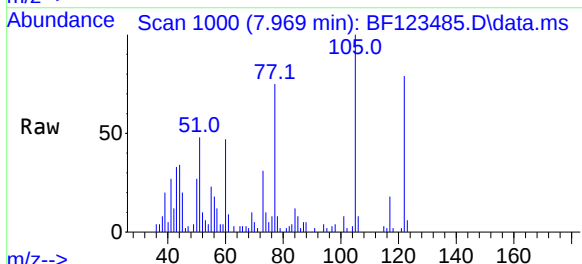
Instrument :
BNA_F
ClientSampleId :
PB-2021-WW-000-06RE

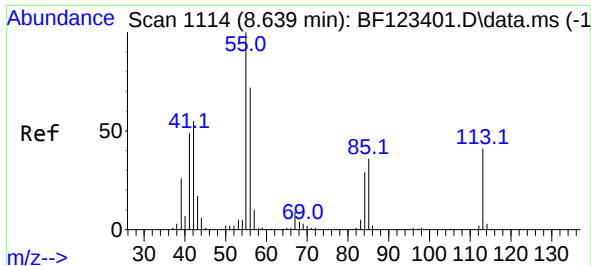
Tgt Ion: 82 Resp: 704787
Ion Ratio Lower Upper
82 100
128 41.5 37.0 55.4
54 65.6 38.4 57.6#



#32
Benzoic acid
Concen: 2.19 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.030 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Tgt Ion:122 Resp: 19522
Ion Ratio Lower Upper
122 100
105 127.3 104.8 144.8
77 94.9 71.0 111.0

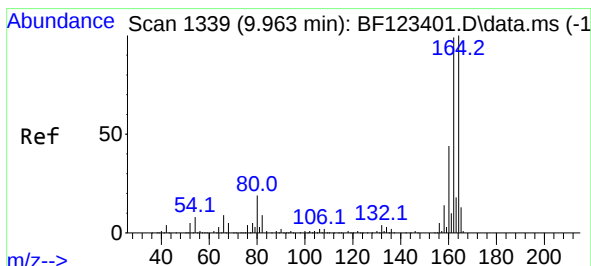
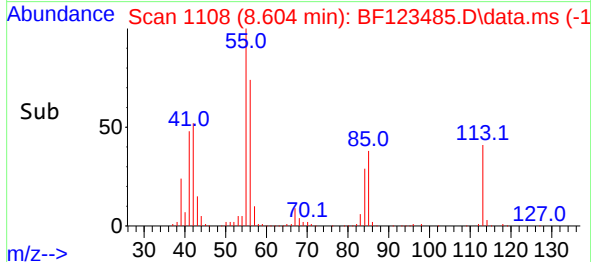
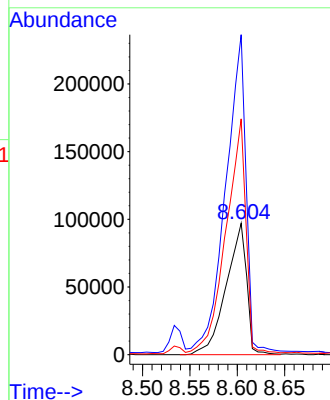
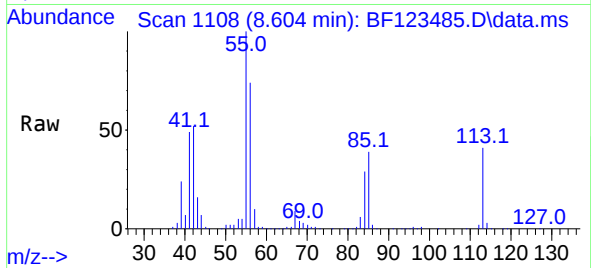




#35
Caprolactam
Concen: 32.62 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.017 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

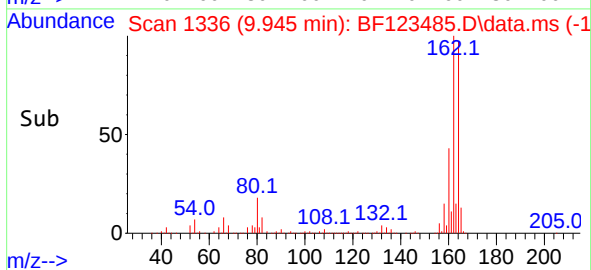
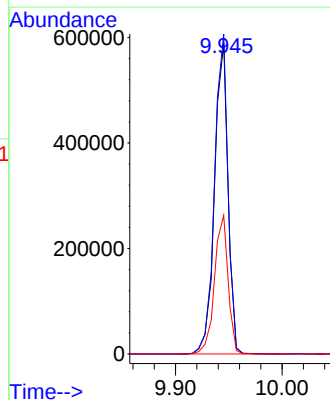
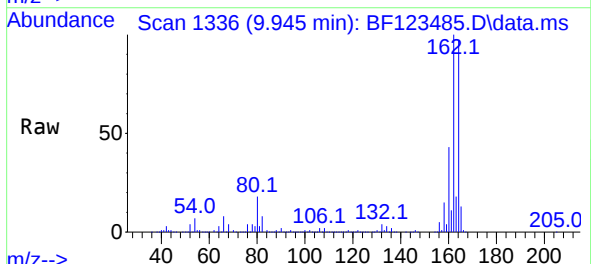
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ClientSampleId :
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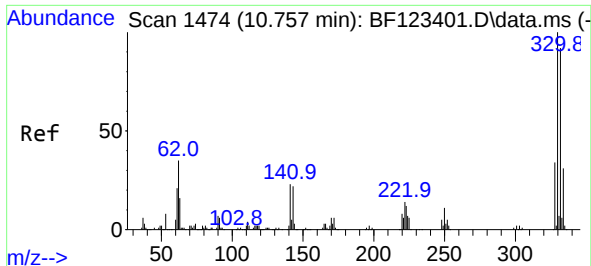
Tgt Ion:113 Resp: 145696
Ion Ratio Lower Upper
113 100
55 243.7 133.7 173.7#
56 179.7 95.3 135.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Tgt Ion:164 Resp: 515212
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 44.6 35.4 53.0

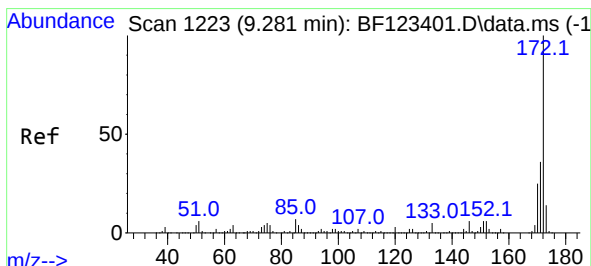
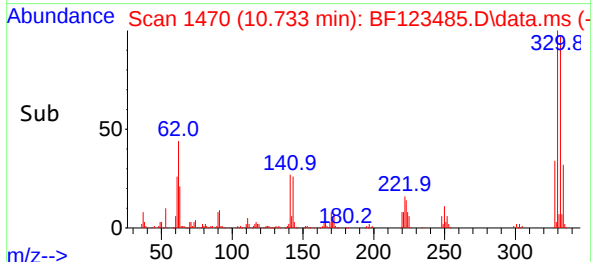
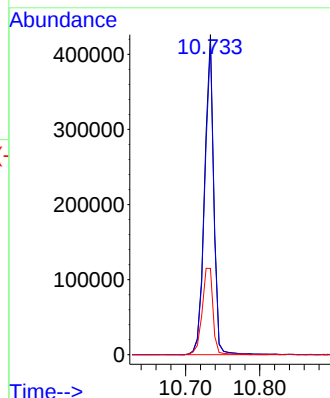
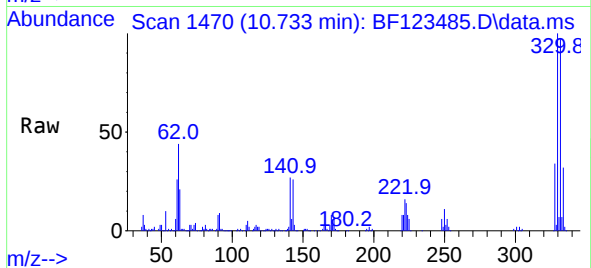




#42
2,4,6-Tribromophenol
Concen: 63.90 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

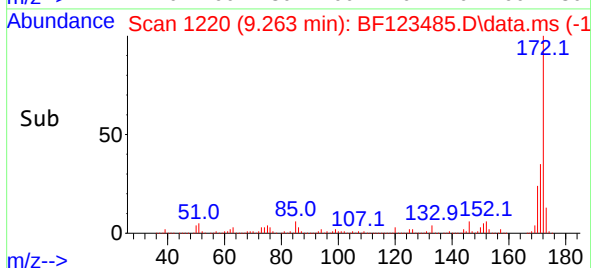
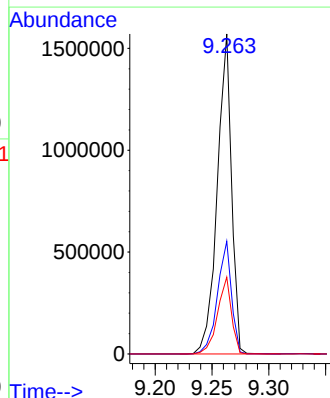
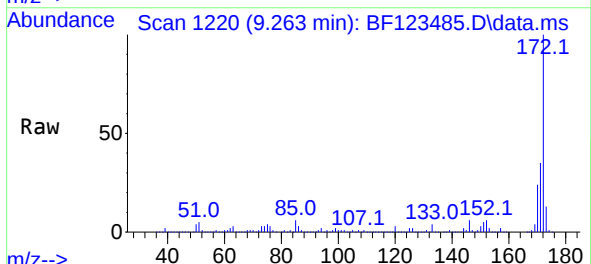
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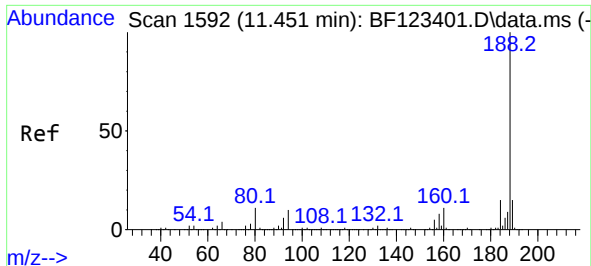
Tgt Ion: 330 Resp: 368089
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 31.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 38.09 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Tgt Ion: 172 Resp: 1373682
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 24.0 19.5 29.3

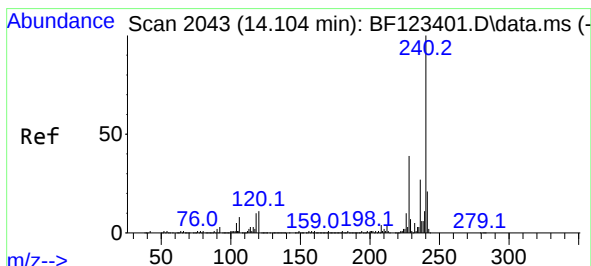
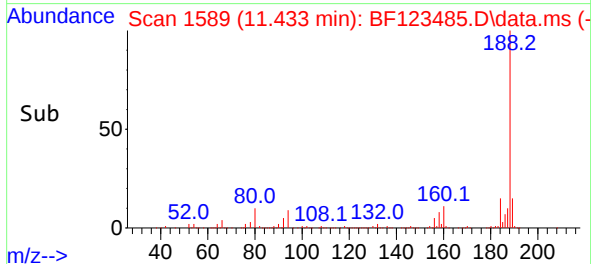
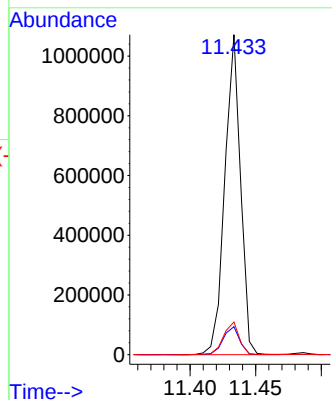
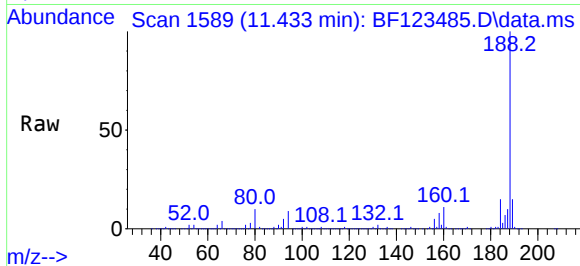




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

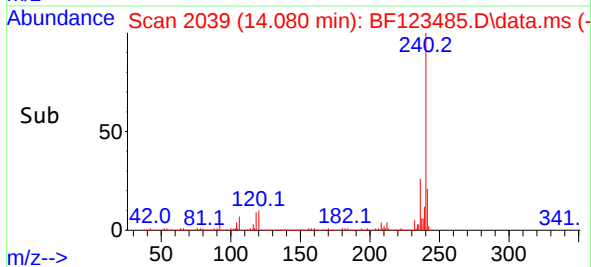
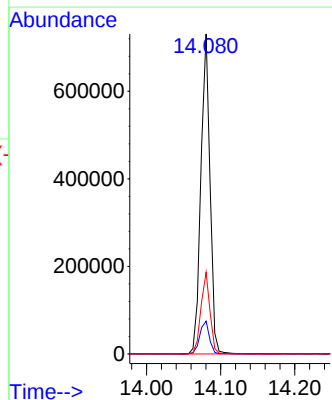
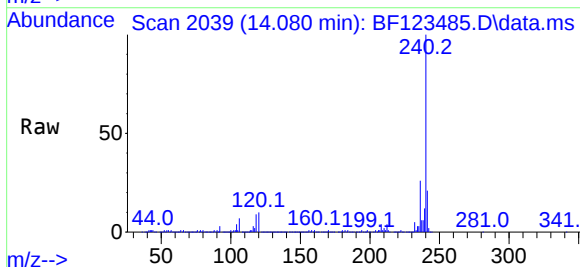
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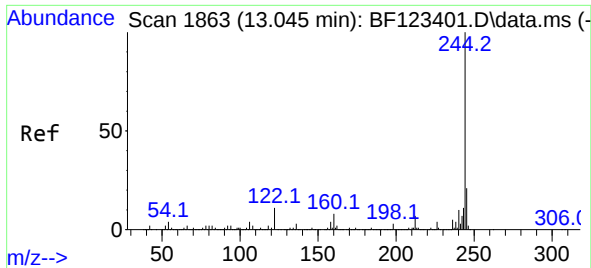
Tgt Ion:188 Resp: 889954
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Tgt Ion:240 Resp: 624441
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.5 20.3 30.5



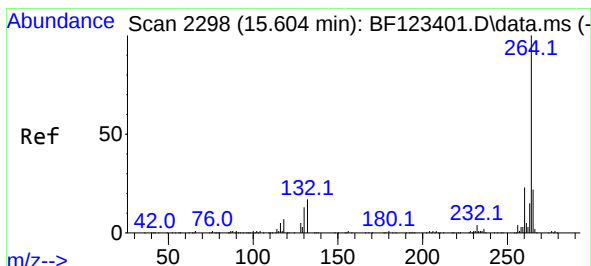
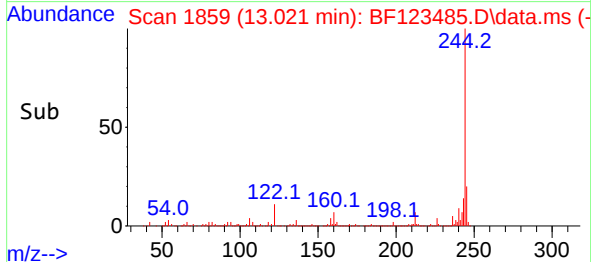
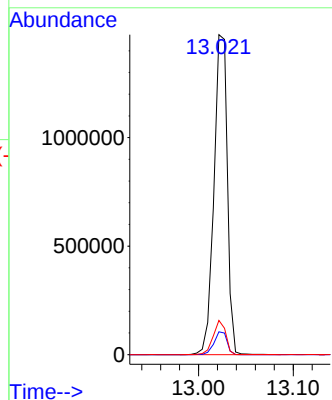
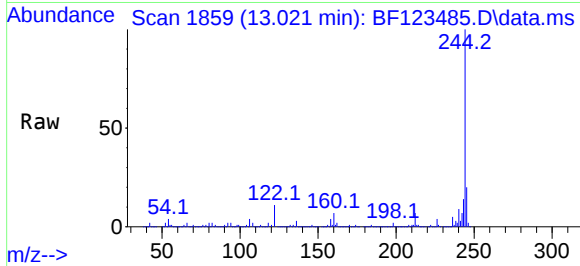


#79
Terphenyl-d14
Concen: 39.19 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1444090

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.7	8.3	12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF123485.D
Acq: 26 Mar 2021 14:28

Tgt Ion:264 Resp: 478882

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.3	17.0	25.6

