

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
 Data File : BF123179.D
 Acq On : 10 Feb 2021 20:00
 Operator : JU/CG
 Sample : M1338-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-020921

Quant Time: Feb 11 01:36:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 01:29:27 2021
 Response via : Initial Calibration

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

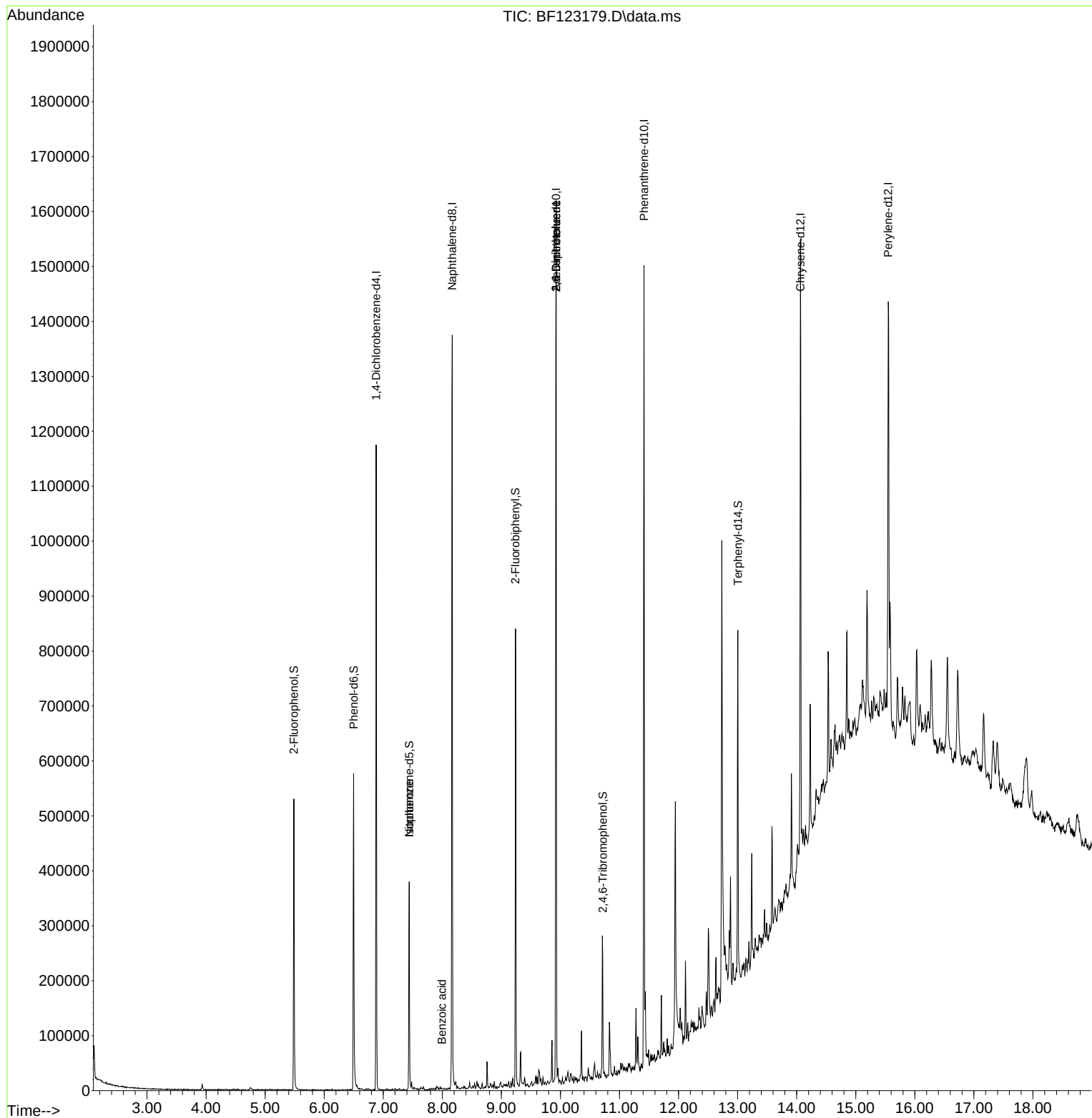
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	155028	20.00	ng	-0.01
21) Naphthalene-d8	8.169	136	602388	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	311955	20.00	ng	-0.01
64) Phenanthrene-d10	11.416	188	491588	20.00	ng	-0.02
76) Chrysene-d12	14.063	240	375018	20.00	ng	-0.02
86) Perylene-d12	15.551	264	366035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	141384	14.07	ng	-0.02
7) Phenol-d6	6.498	99	190397	13.98	ng	-0.02
23) Nitrobenzene-d5	7.439	82	113422	9.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	29988	8.86	ng	-0.02
45) 2-Fluorobiphenyl	9.239	172	238643	11.37	ng	-0.02
79) Terphenyl-d14	13.004	244	182824	9.58	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.439	82	113438	5.17	ng	# 65
32) Benzoic acid	7.992	122	218	4.94	ng	# 64
51) 2,6-Dinitrotoluene	9.927	165	39990	7.67	ng	# 31
57) 2,4-Dinitrotoluene	9.927	165	39990	5.90	ng	# 26

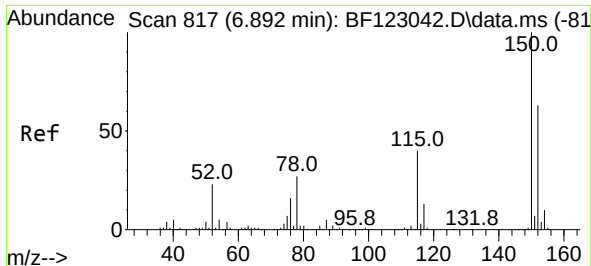
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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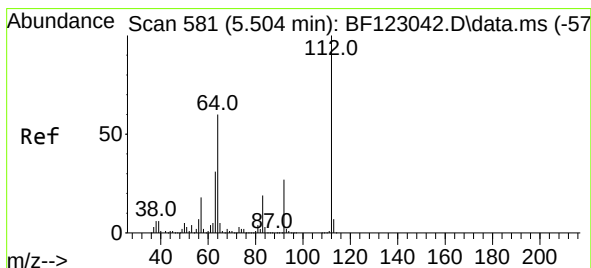
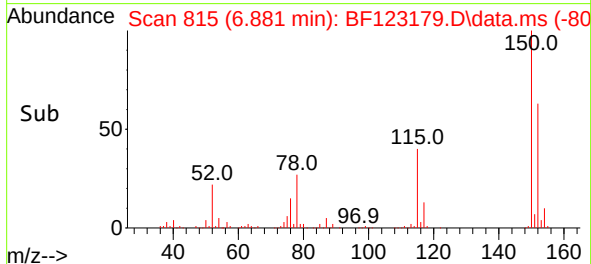
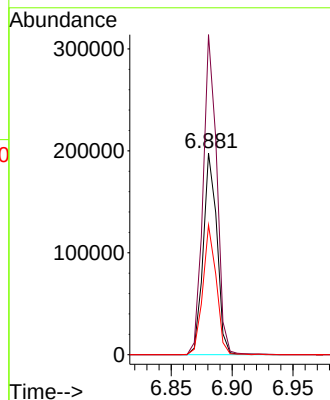
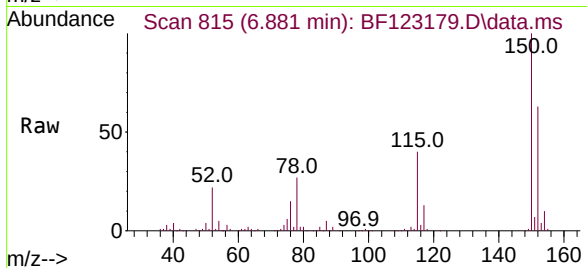




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.011 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

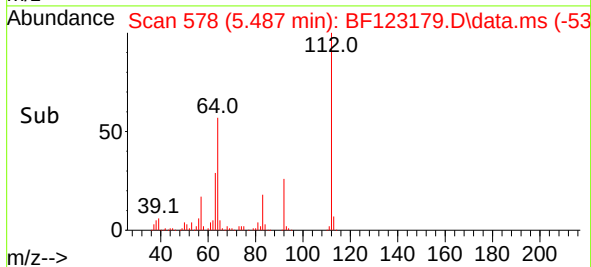
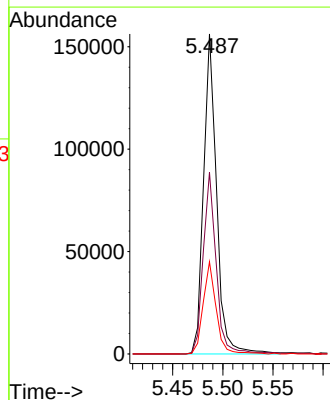
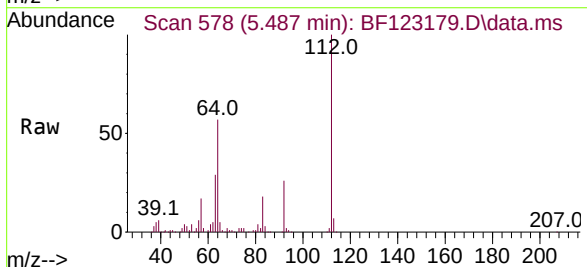
Instrument :
BNA_F
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OK-02-020921

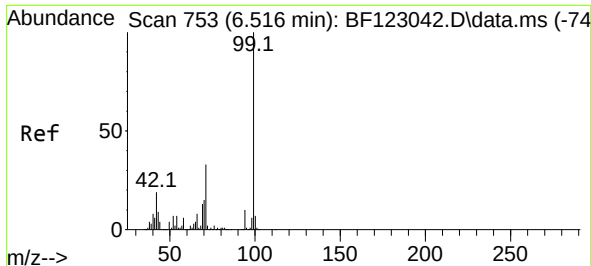
Tgt Ion:152 Resp: 155028
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 64.3 49.3 73.9



#5
2-Fluorophenol
Concen: 14.07 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.018 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Tgt Ion:112 Resp: 141384
Ion Ratio Lower Upper
112 100
64 56.8 46.9 70.3
63 28.8 24.5 36.7

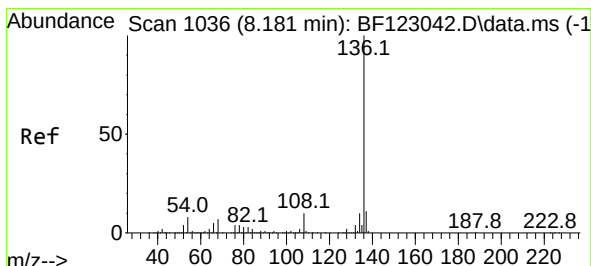
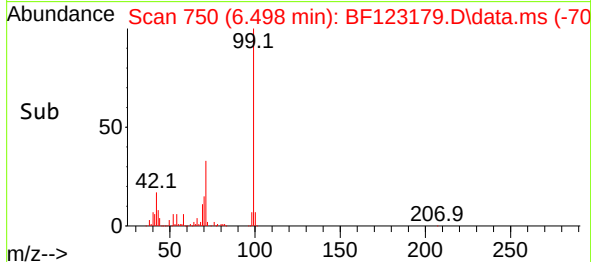
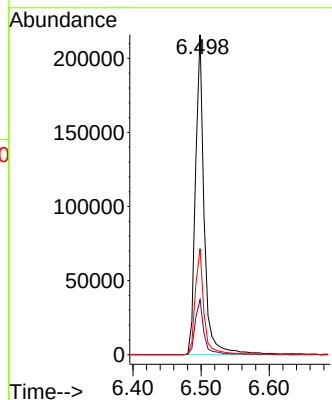
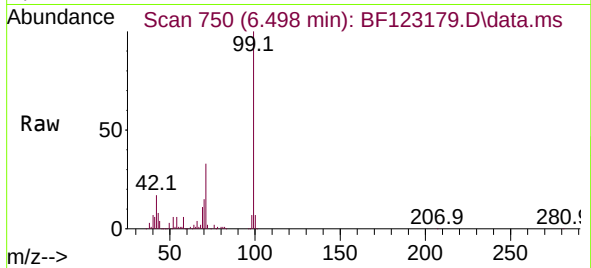




#7
Phenol-d6
Concen: 13.98 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.018 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

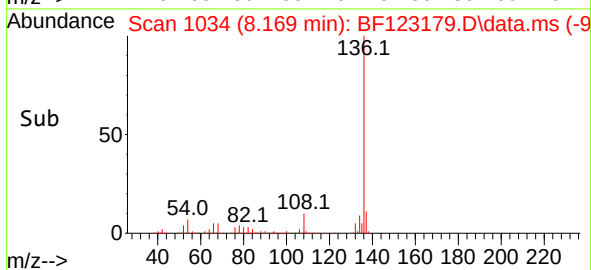
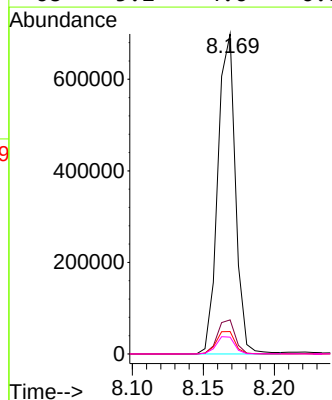
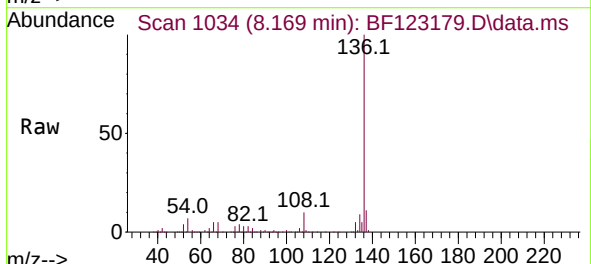
Instrument :
BNA_F
ClientSampleId :
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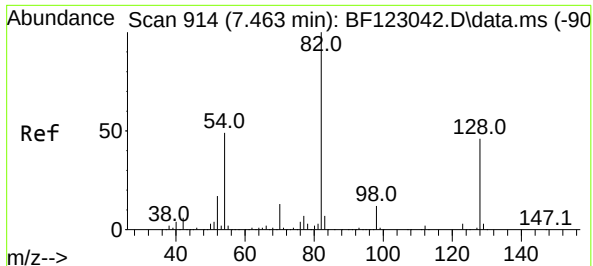
Tgt Ion: 99 Resp: 190397
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.6
71 33.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Tgt Ion: 136 Resp: 602388
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.0 5.5 8.3
68 5.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 9.48 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.024 min

Lab File: BF123179.D

Acq: 10 Feb 2021 20:00

Tgt Ion: 82 Resp: 113422

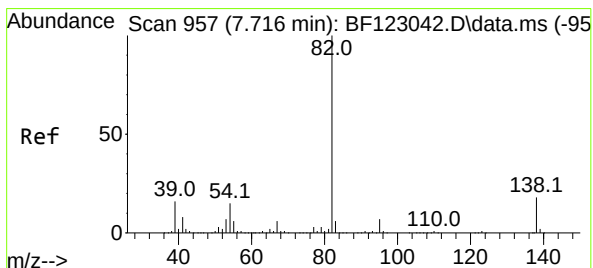
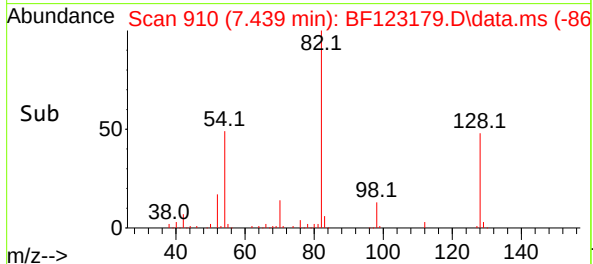
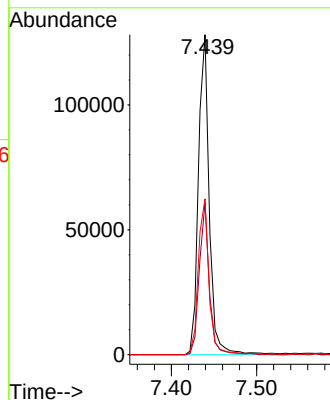
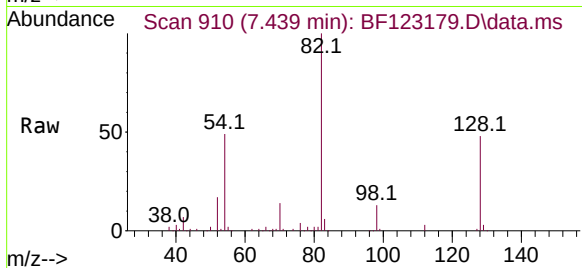
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.4
54	48.7	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

OK-02-020921



#25

Isophorone

Concen: 5.17 ng

RT: 7.439 min Scan# 910

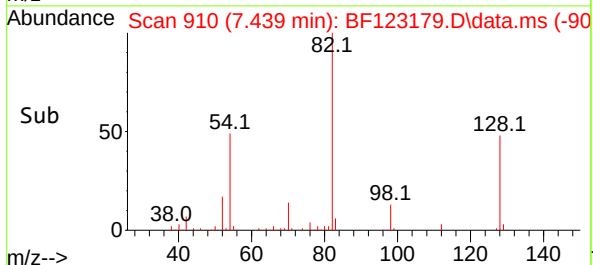
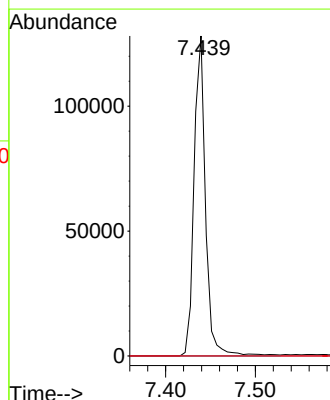
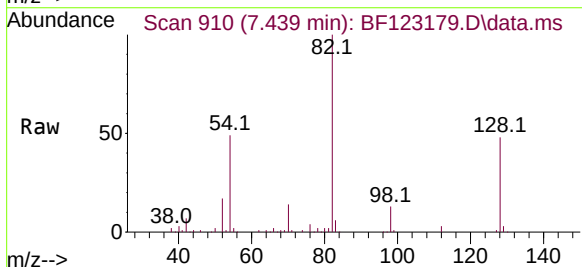
Delta R.T. -0.277 min

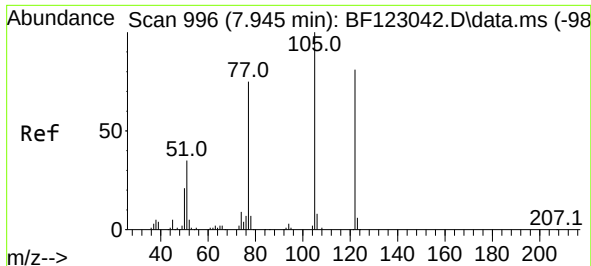
Lab File: BF123179.D

Acq: 10 Feb 2021 20:00

Tgt Ion: 82 Resp: 113438

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

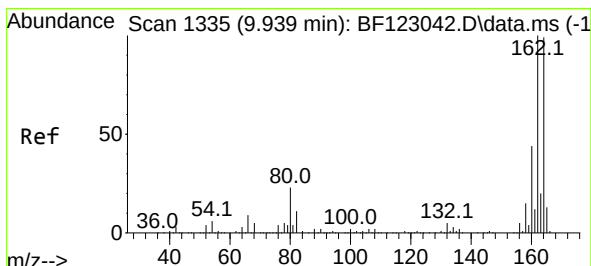
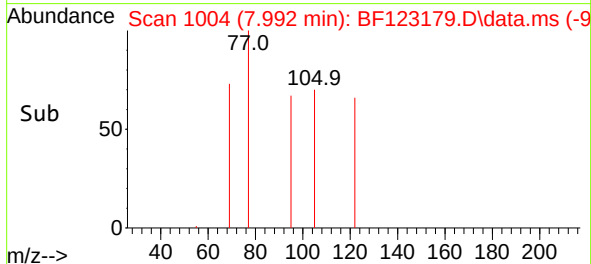
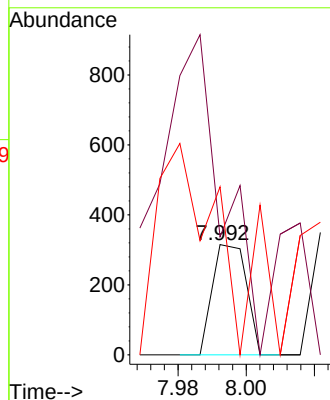
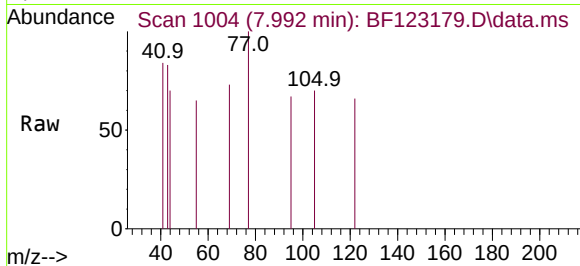




#32
Benzoic acid
Concen: 4.94 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.047 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

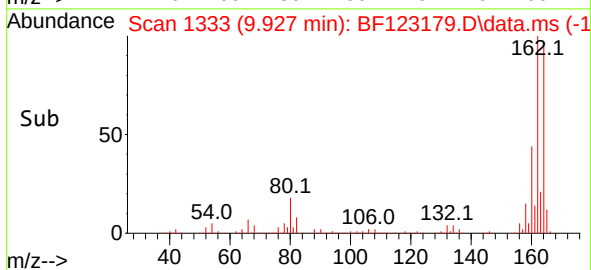
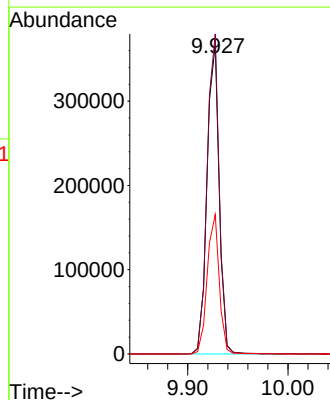
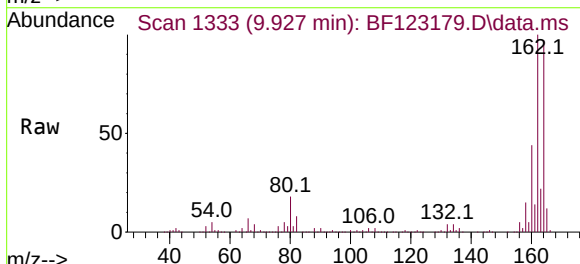
Instrument :
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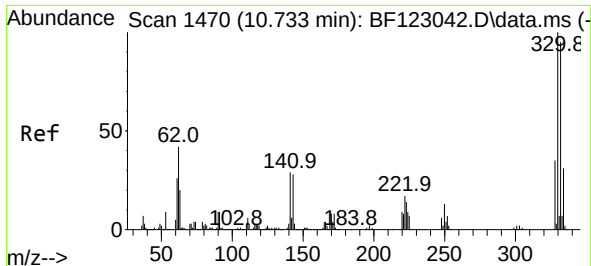
Tgt Ion:122 Resp: 218
Ion Ratio Lower Upper
122 100
105 107.0 104.8 144.8
77 152.4 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Tgt Ion:164 Resp: 311955
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 45.0 35.4 53.0

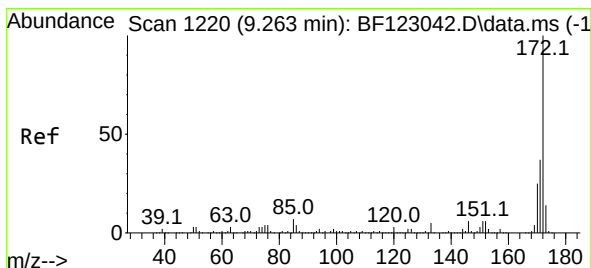
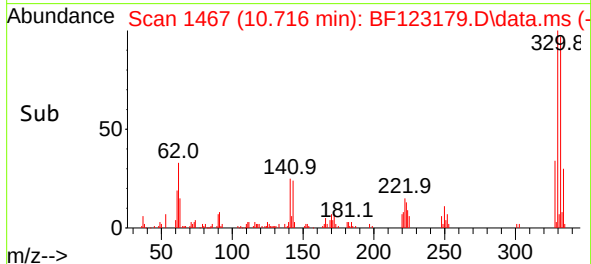
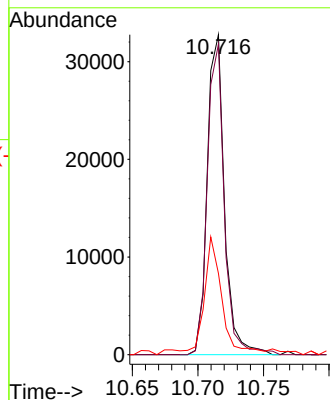
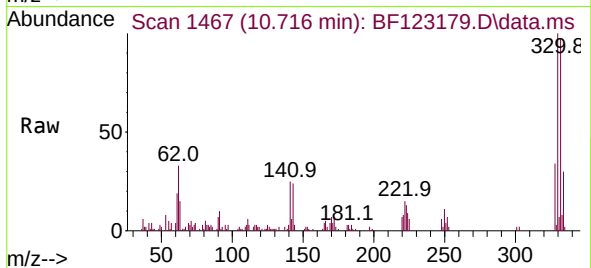




#42
2,4,6-Tribromophenol
Concen: 8.86 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.018 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

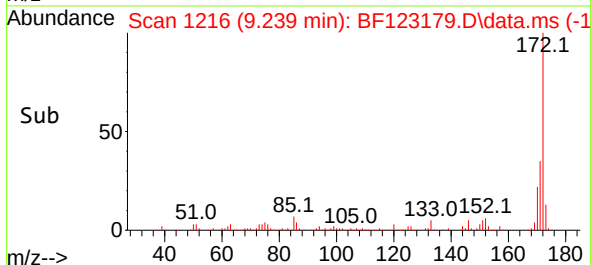
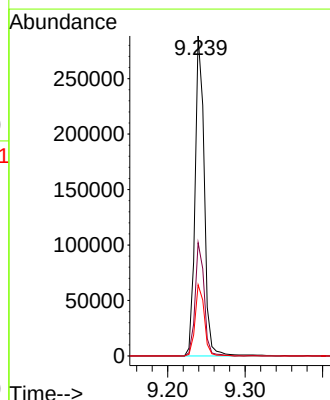
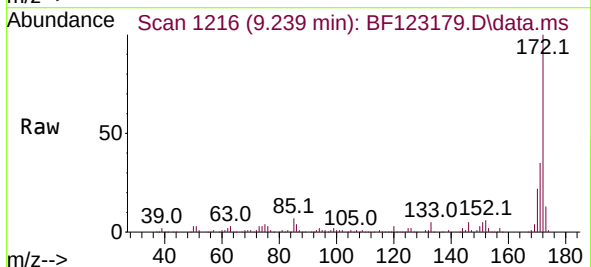
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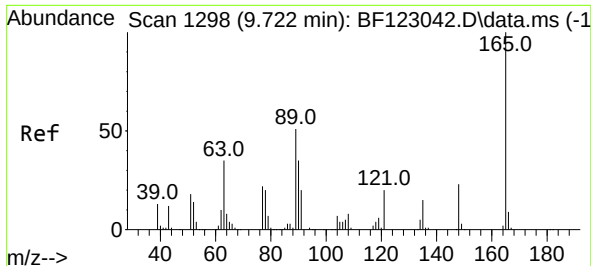
Tgt Ion: 330 Resp: 29988
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 39.3 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 11.37 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.024 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Tgt Ion: 172 Resp: 238643
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 22.2 19.5 29.3

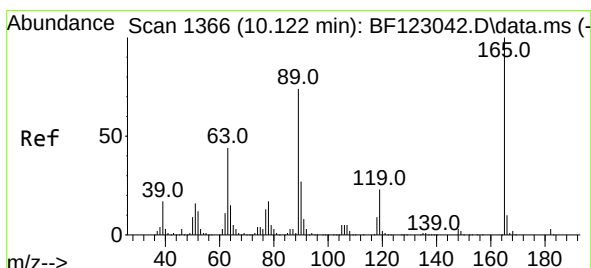
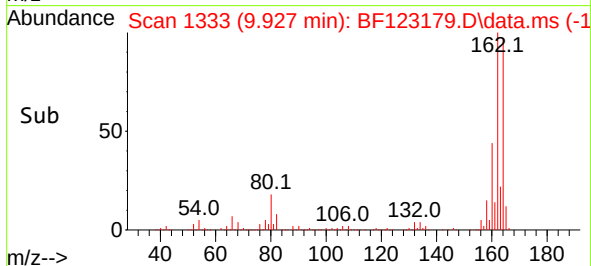
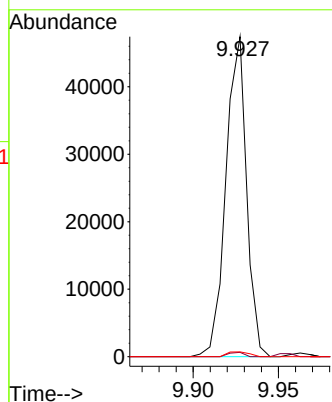
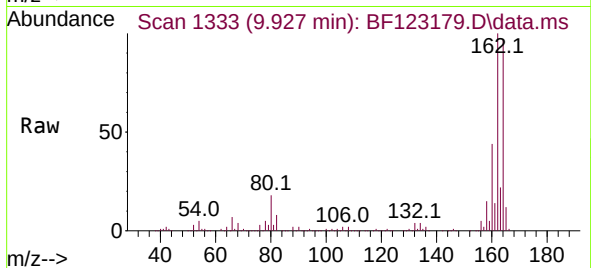




#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

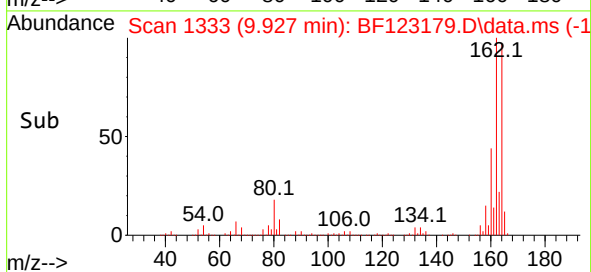
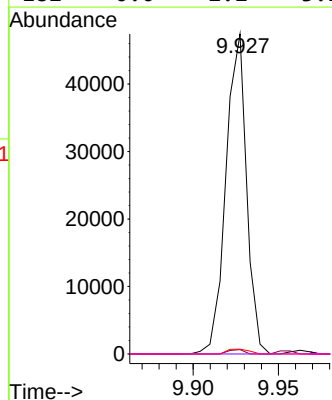
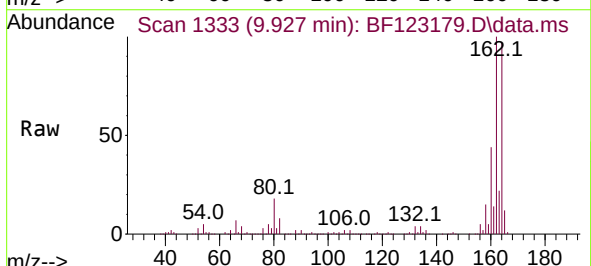
Instrument :
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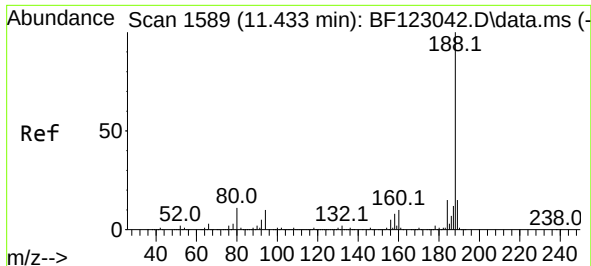
Tgt Ion:165 Resp: 39990
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Tgt Ion:165 Resp: 39990
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

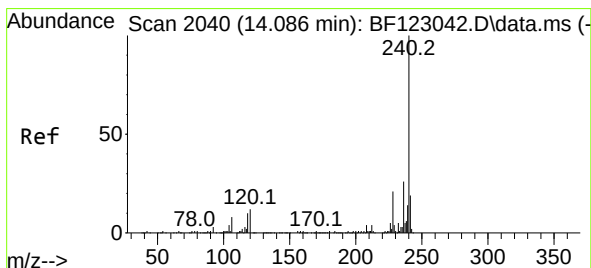
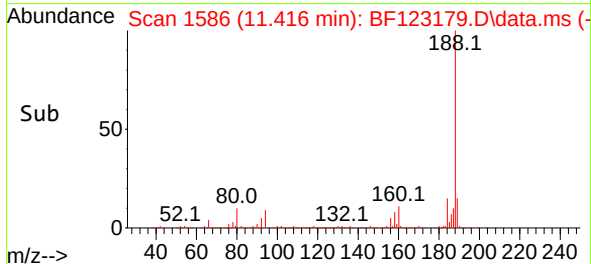
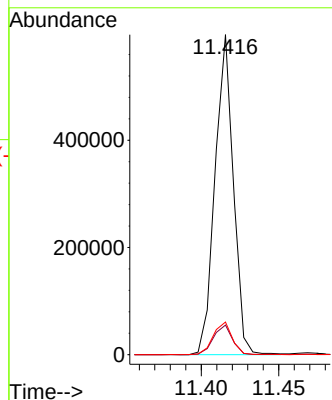
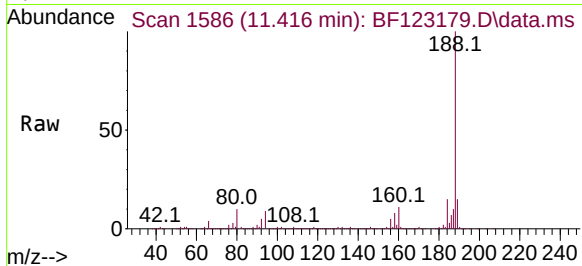




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.017 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

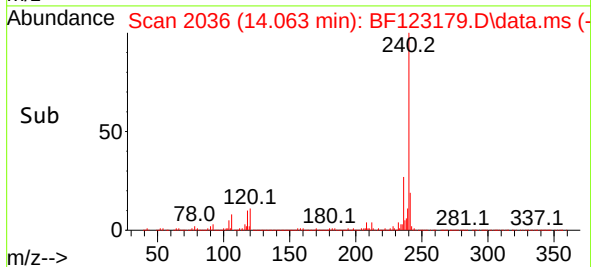
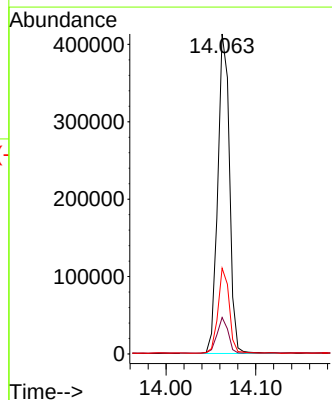
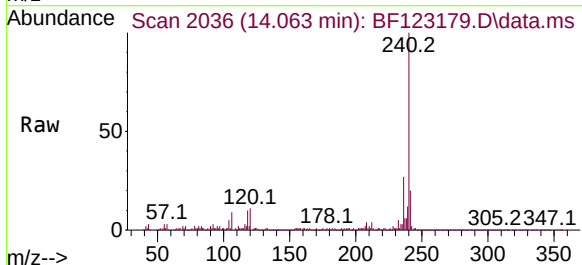
Instrument :
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OK-02-020921

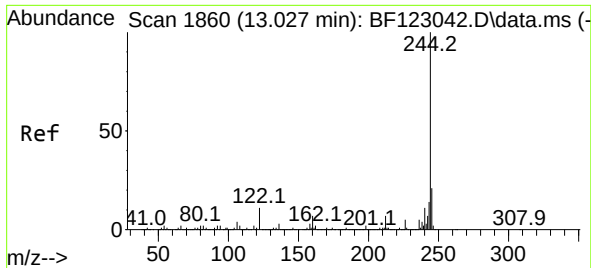
Tgt Ion:188 Resp: 491588
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.024 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Tgt Ion:240 Resp: 375018
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 26.8 20.3 30.5

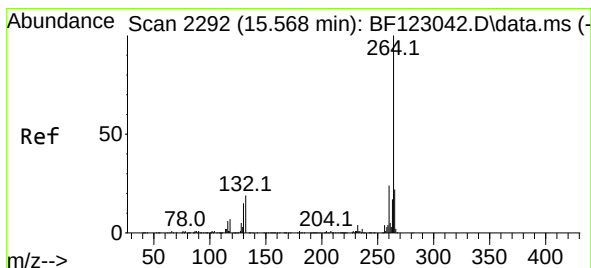
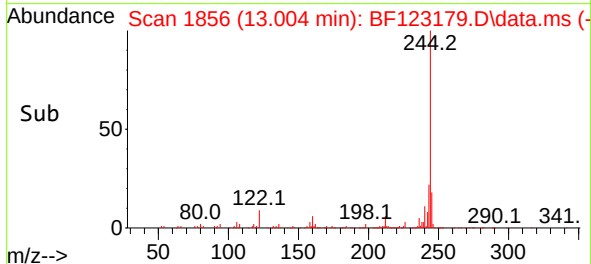
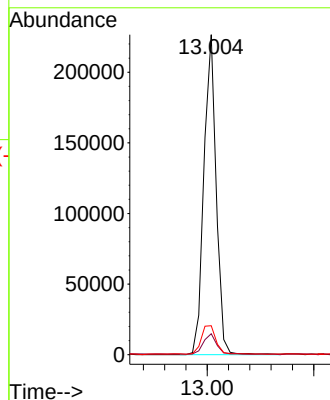
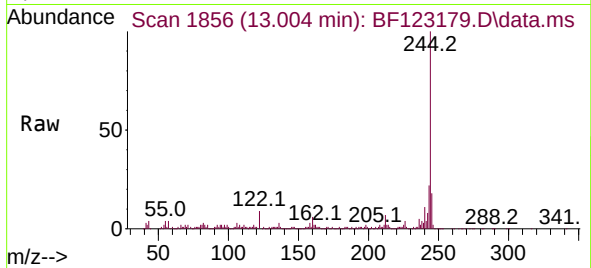




#79
Terphenyl-d14
Concen: 9.58 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.024 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Instrument :
BNA_F
ClientSampleId :
OK-02-020921

Tgt Ion:244 Resp: 182824
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.0 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF123179.D
Acq: 10 Feb 2021 20:00

Tgt Ion:264 Resp: 366035
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.7 17.0 25.6

