

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123279.D
 Acq On : 23 Feb 2021 14:05
 Operator : JU/CG
 Sample : PB134772BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134772BL

Quant Time: Feb 23 14:30:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	114726	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	462179	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	234102	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	441455	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	388660	20.00	ng	0.00
86) Perylene-d12	15.509	264	354197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	974382	122.25	ng	0.01
7) Phenol-d6	6.492	99	1233119	113.88	ng	0.00
23) Nitrobenzene-d5	7.416	82	818429	81.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	275509	115.58	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1287857	79.02	ng	0.00
79) Terphenyl-d14	12.986	244	1429665	70.73	ng	0.00

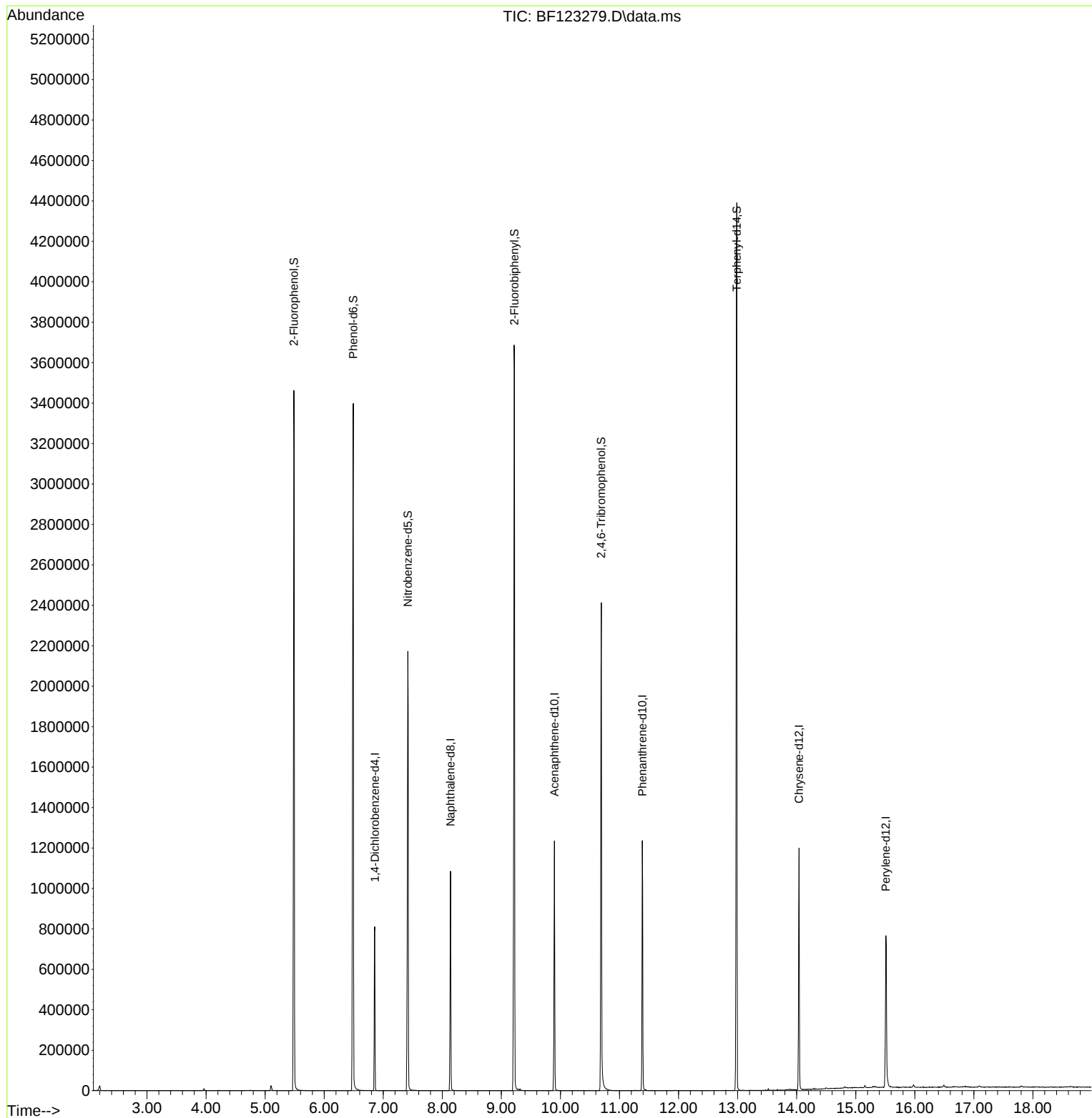
Target Compounds	Qvalue

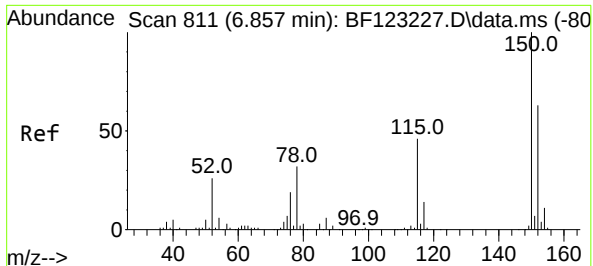
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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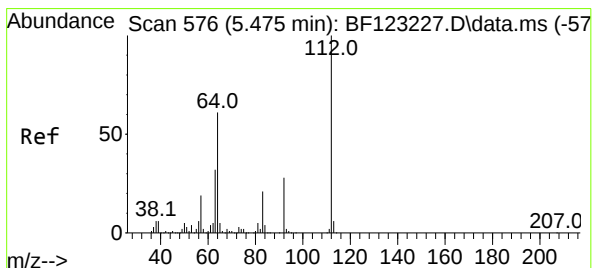
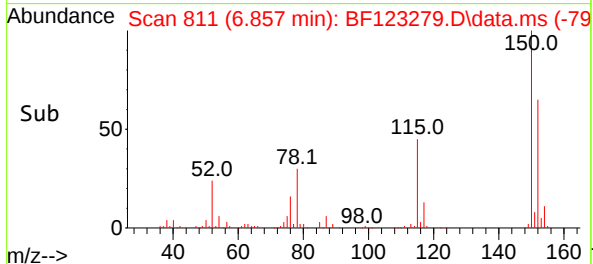
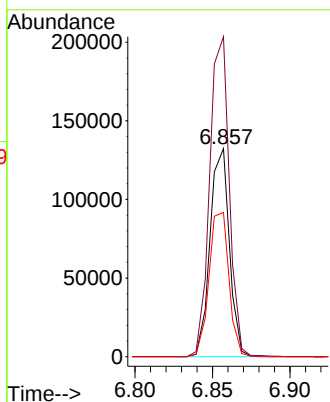
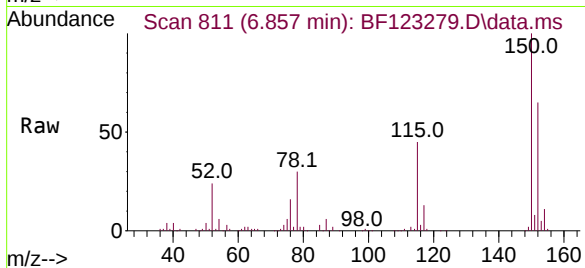




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

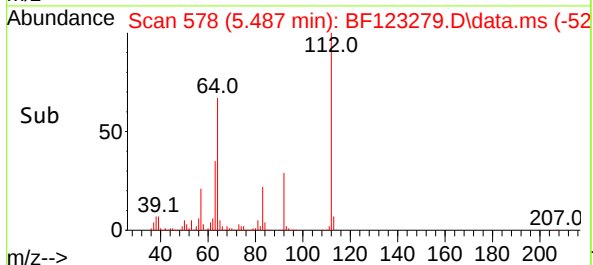
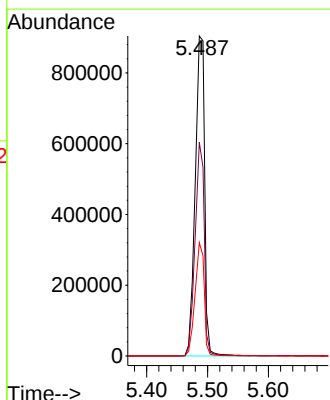
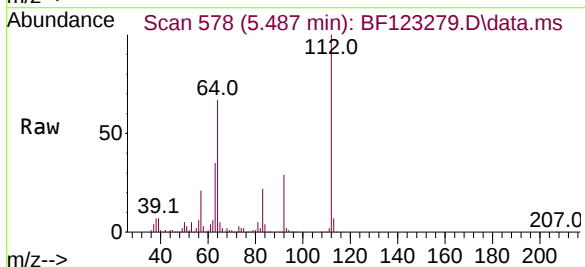
Instrument :
BNA_F
ClientSampleId :
PB134772BL

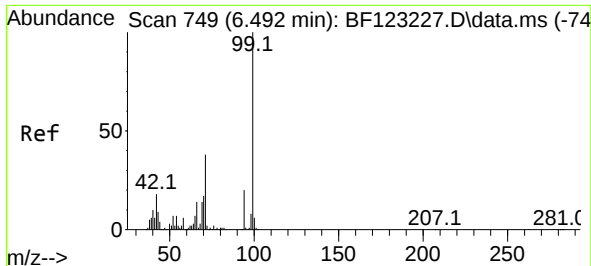
Tgt Ion:152 Resp: 114726
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 69.3 49.3 73.9



#5
2-Fluorophenol
Concen: 122.25 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

Tgt Ion:112 Resp: 974382
Ion Ratio Lower Upper
112 100
64 66.8 46.9 70.3
63 35.4 24.5 36.7



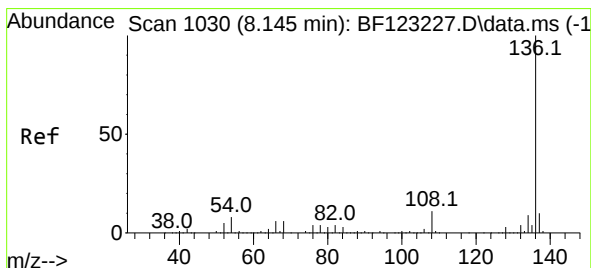
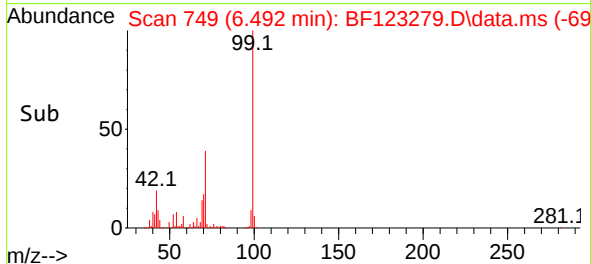
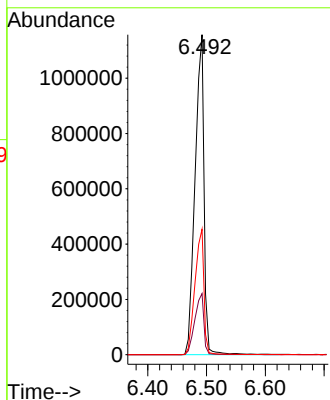
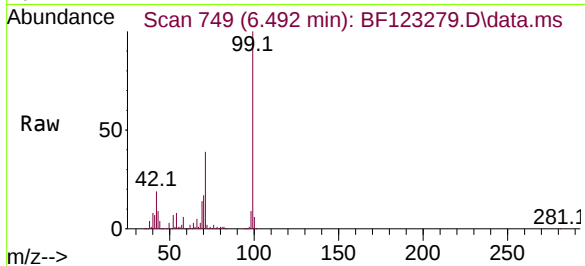


#7
Phenol-d6
Concen: 113.88 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

Instrument :
BNA_F
ClientSampleId :
PB134772BL

Tgt Ion: 99 Resp: 1233119

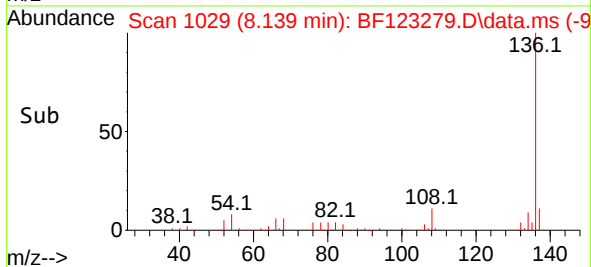
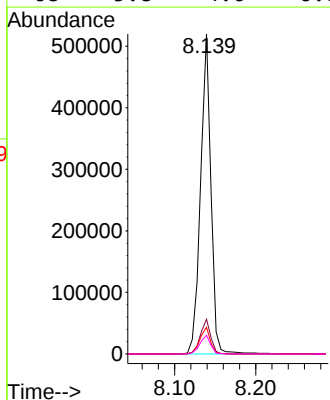
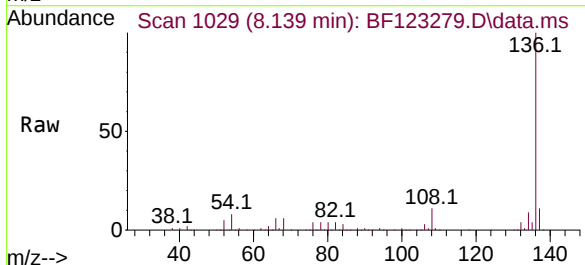
Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.8	20.6
71	39.2	26.9	40.3

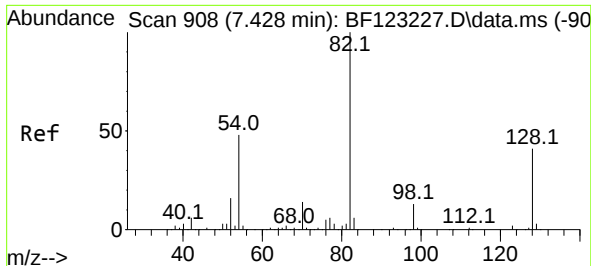


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

Tgt Ion: 136 Resp: 462179

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.4	5.5	8.3#
68	5.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 81.06 ng

RT: 7.416 min Scan# 906

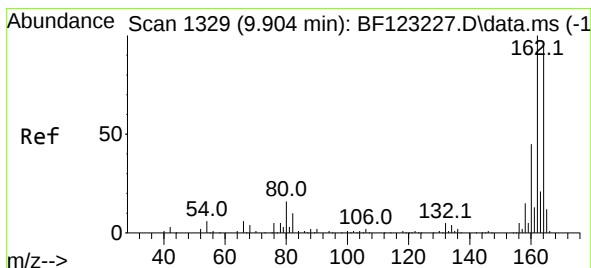
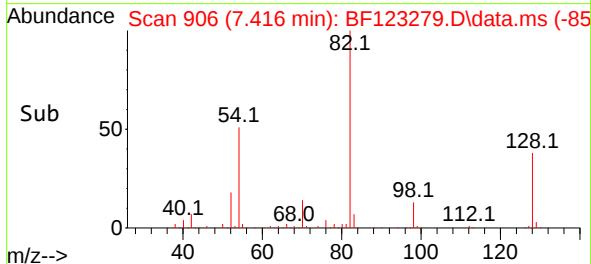
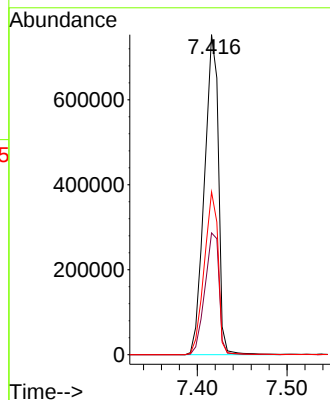
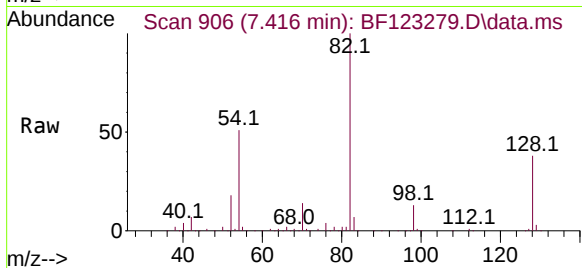
Delta R.T. -0.012 min

Lab File: BF123279.D

Acq: 23 Feb 2021 14:05

Tgt Ion: 82 Resp: 818429

Ion	Ratio	Lower	Upper
82	100		
128	38.1	37.0	55.4
54	50.9	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

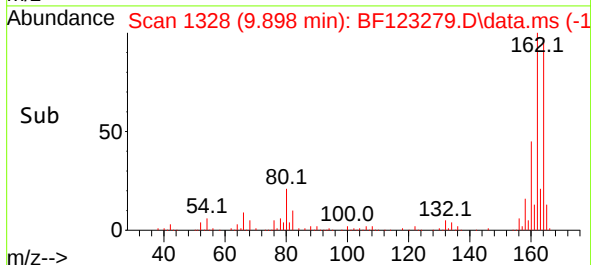
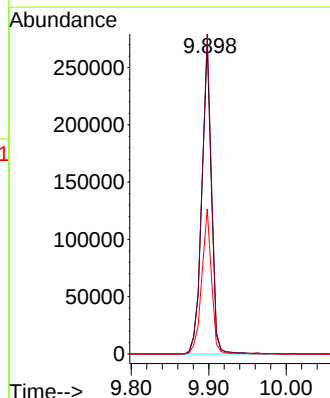
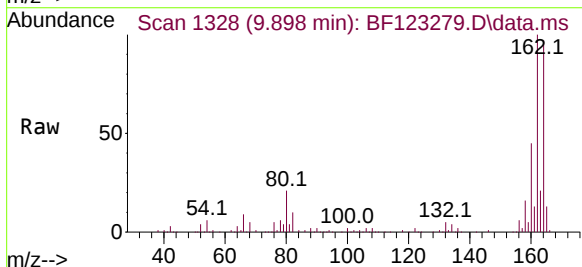
Delta R.T. -0.006 min

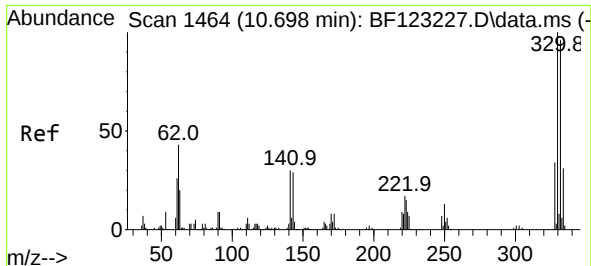
Lab File: BF123279.D

Acq: 23 Feb 2021 14:05

Tgt Ion: 164 Resp: 234102

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.8	121.2
160	46.9	35.4	53.0

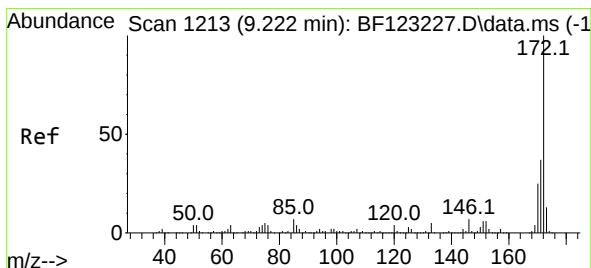
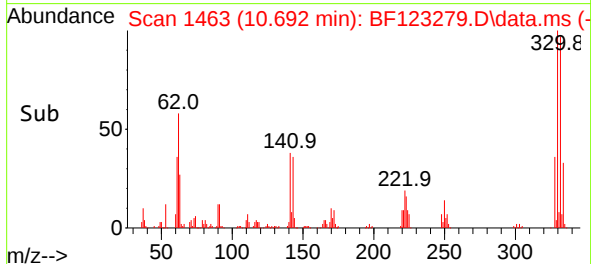
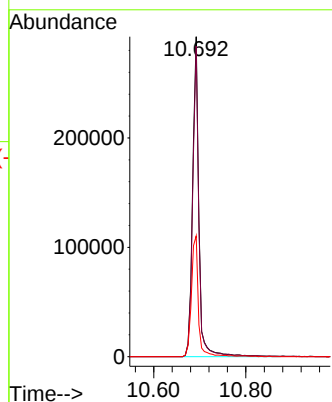
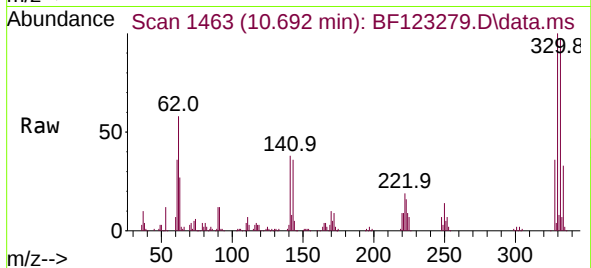




#42
2,4,6-Tribromophenol
Concen: 115.58 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

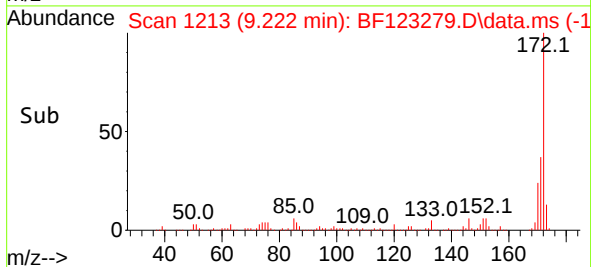
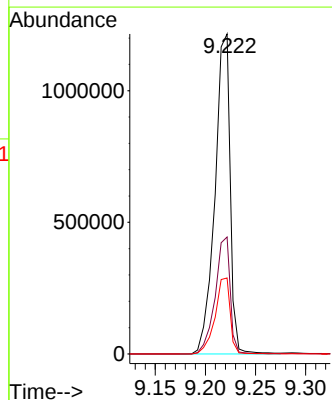
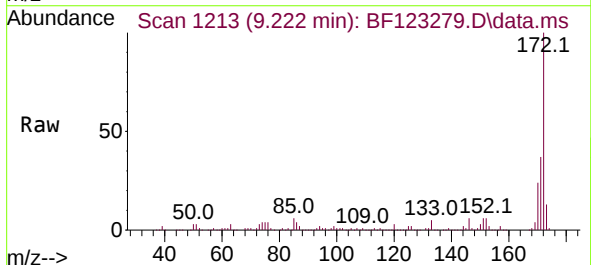
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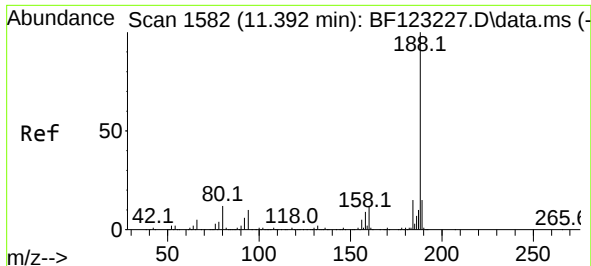
Tgt Ion:330 Resp: 275509
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 41.9 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 79.02 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

Tgt Ion:172 Resp: 1287857
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.8 19.5 29.3

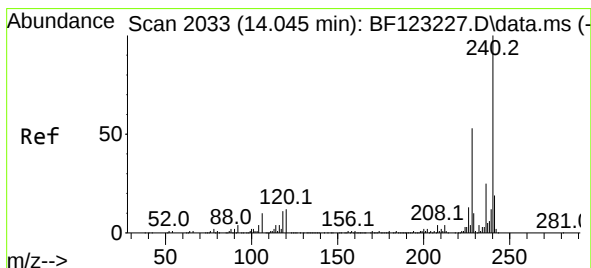
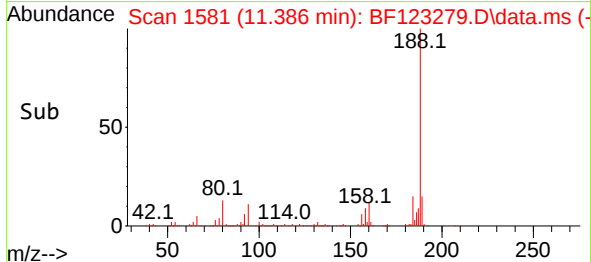
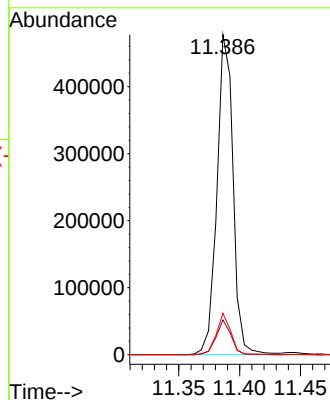
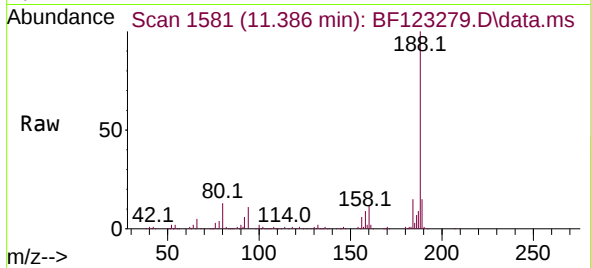




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

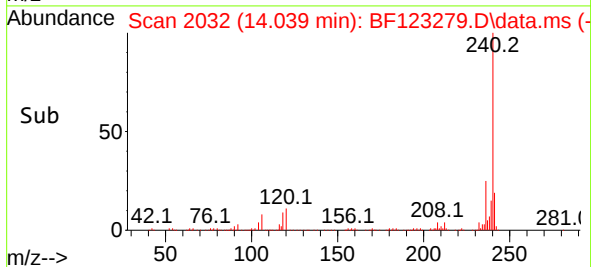
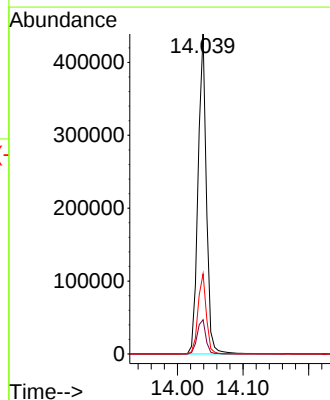
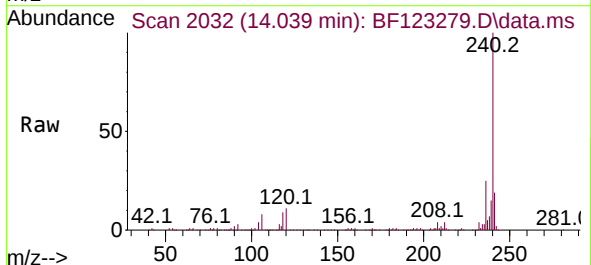
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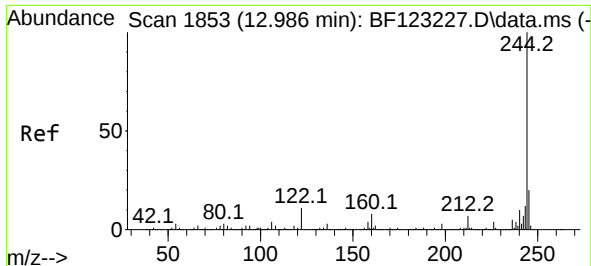
Tgt Ion:188 Resp: 441455
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 12.9 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123279.D
Acq: 23 Feb 2021 14:05

Tgt Ion:240 Resp: 388660
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.1 20.3 30.5

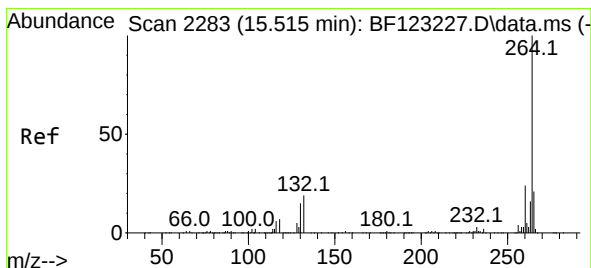
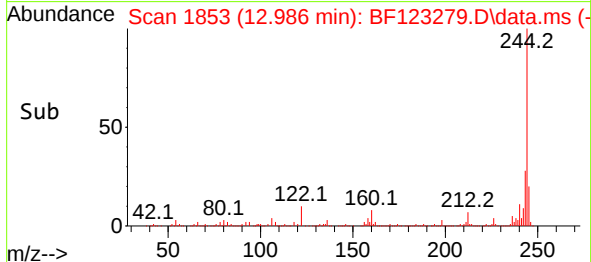
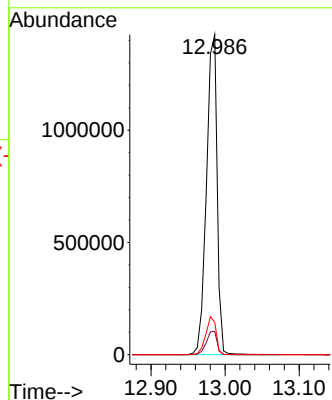
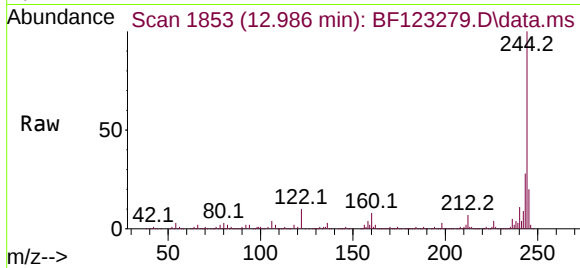




#79
 Terphenyl-d14
 Concen: 70.73 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF123279.D
 Acq: 23 Feb 2021 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB134772BL

Tgt Ion:244 Resp: 1429665
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123279.D
 Acq: 23 Feb 2021 14:05

Tgt Ion:264 Resp: 354197
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.2 17.0 25.6

