

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123256.D
 Acq On : 22 Feb 2021 13:25
 Operator : JU/CG
 Sample : SP5483
 Misc : 8270 SURROGATE
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5483

Quant Time: Feb 22 13:50:38 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	6.851	152	117972	20.00	ng	# 0.00
21) Naphthalene-d8	8.139	136	471482	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	237039	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	450773	20.00	ng	0.00
76) Chrysene-d12	14.039	240	388771	20.00	ng	0.00
86) Perylene-d12	15.515	264	373998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1010453	123.29	ng	0.02
7) Phenol-d6	6.492	99	1267706	113.85	ng	0.00
23) Nitrobenzene-d5	7.416	82	876694	85.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	297606	123.30	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1405886	85.20	ng	0.00
79) Terphenyl-d14	12.986	244	1568314	77.57	ng	0.00

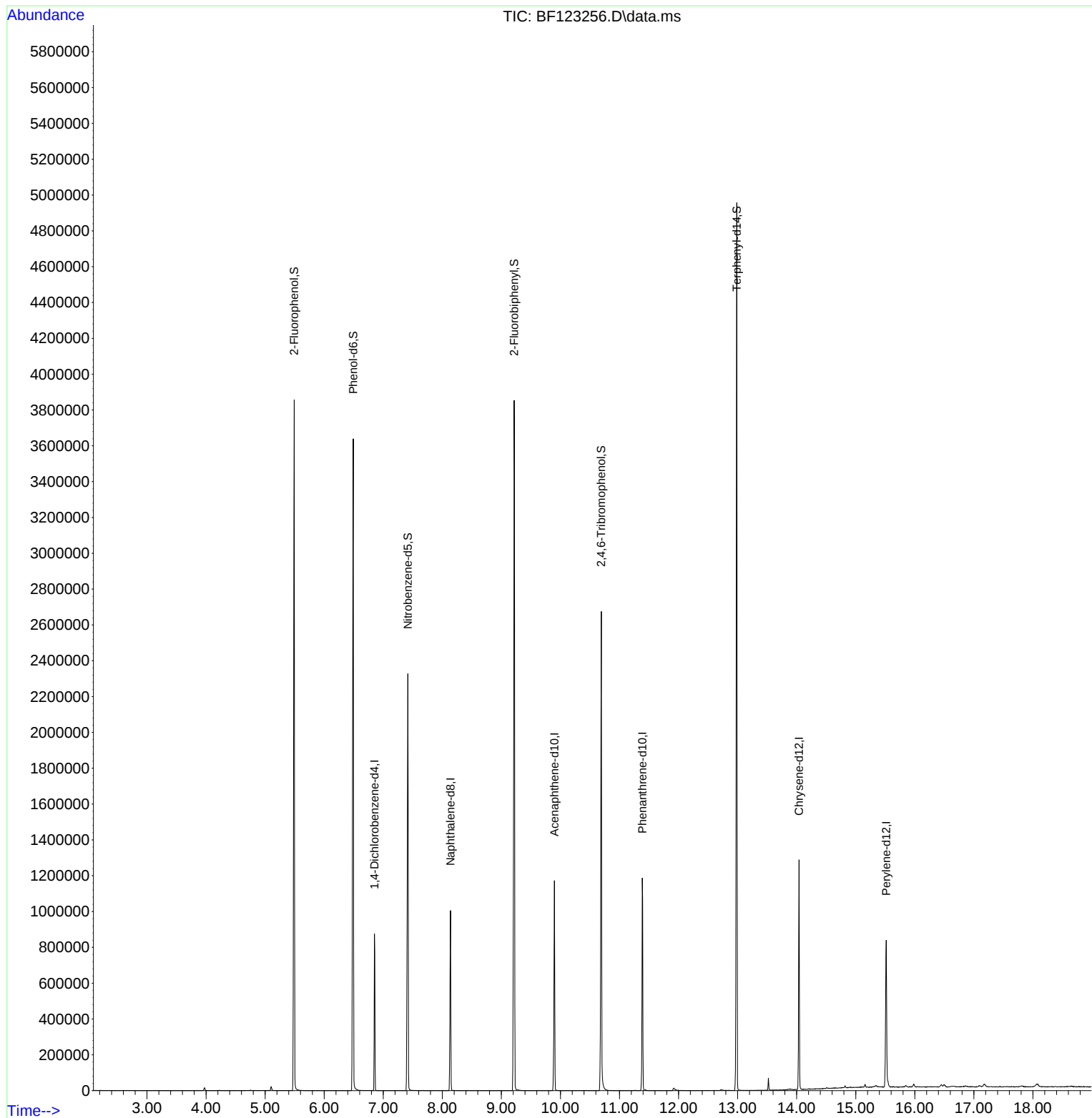
Target Compounds	Qvalue

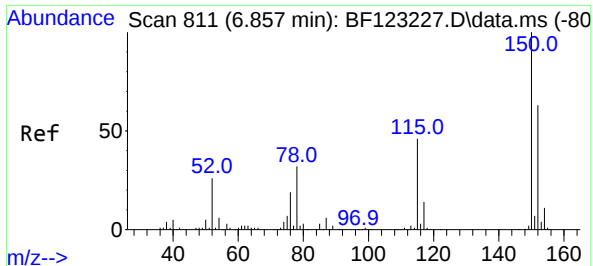
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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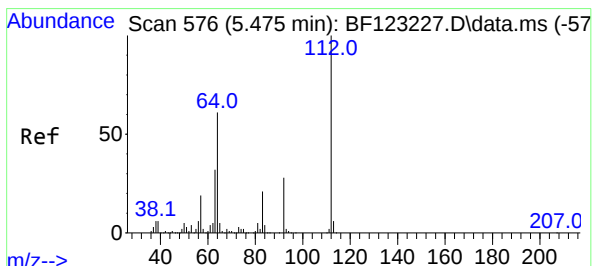
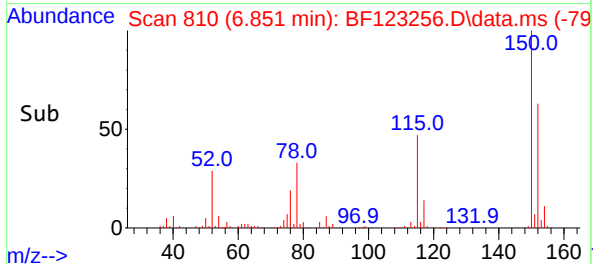
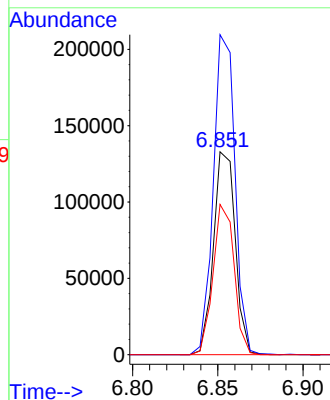
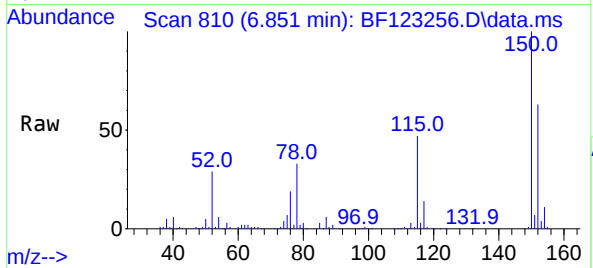




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

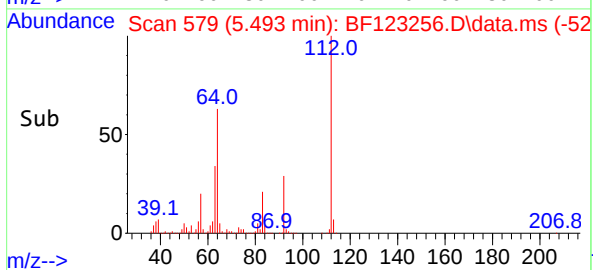
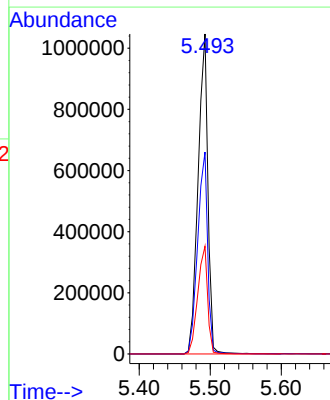
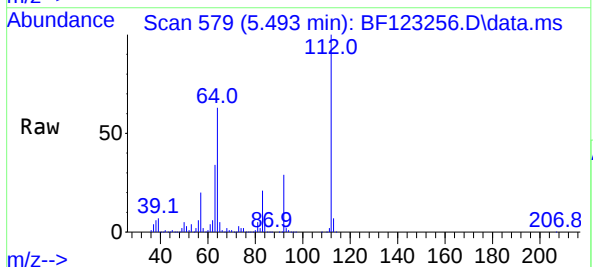
Instrument :
BNA_F
ClientSampleId :
SP5483

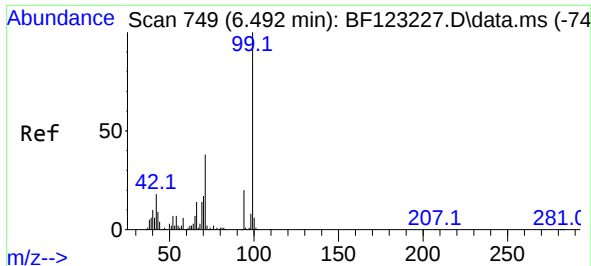
Tgt Ion:152 Resp: 117972
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 74.0 49.3 73.9#



#5
2-Fluorophenol
Concen: 123.29 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion:112 Resp: 1010453
Ion Ratio Lower Upper
112 100
64 63.1 46.9 70.3
63 33.7 24.5 36.7



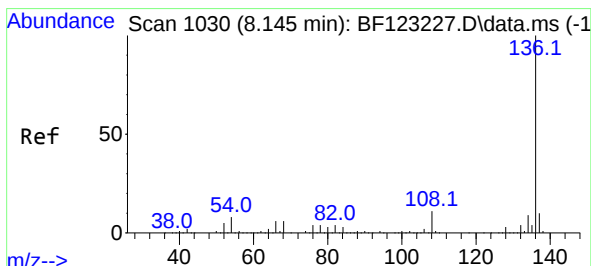
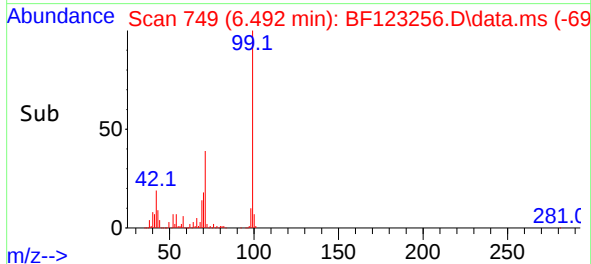
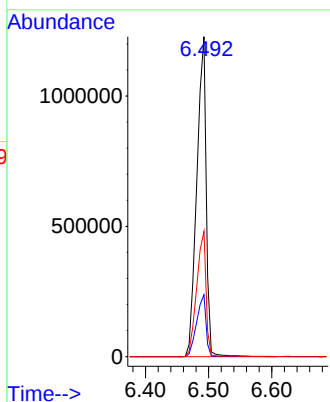
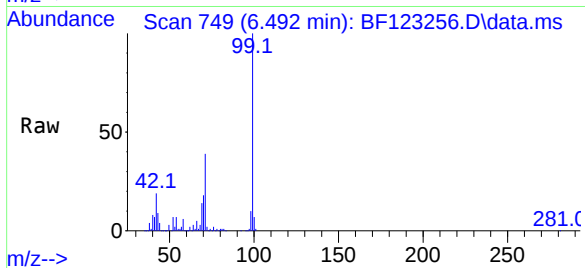


#7
Phenol-d6
Concen: 113.85 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Instrument :
BNA_F
ClientSampleId :
SP5483

Tgt Ion: 99 Resp: 1267706

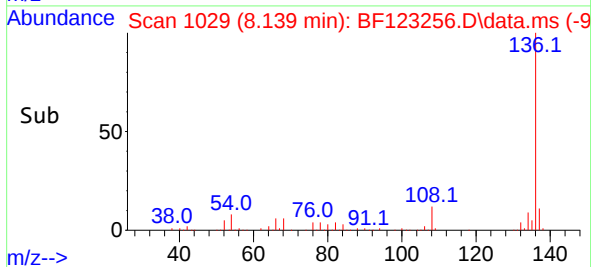
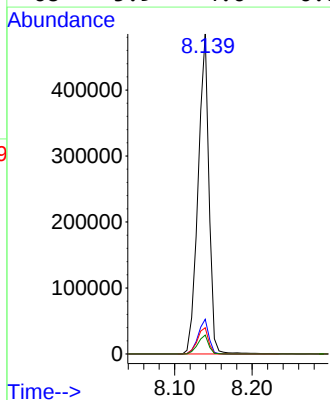
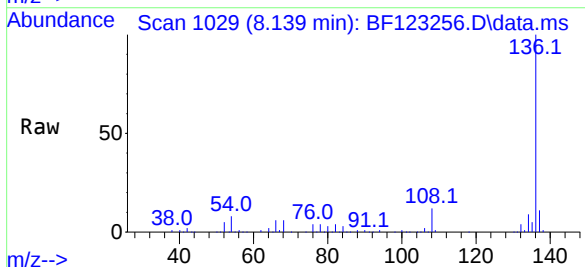
Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.8	20.6
71	39.1	26.9	40.3

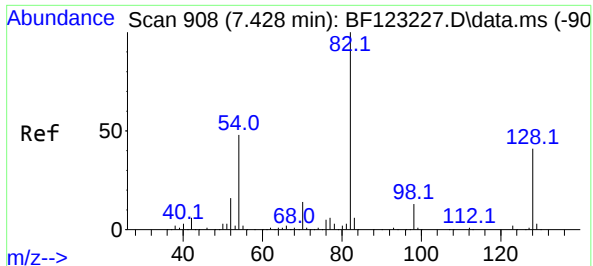


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion: 136 Resp: 471482

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	5.5	8.3
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 85.12 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123256.D

Acq: 22 Feb 2021 13:25

Tgt Ion: 82 Resp: 876694

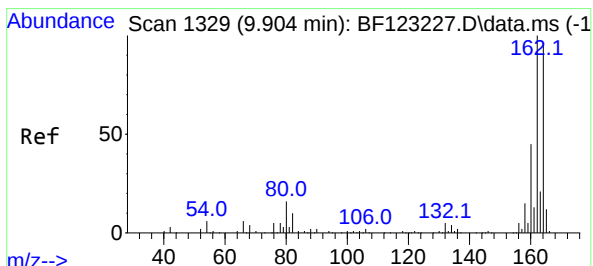
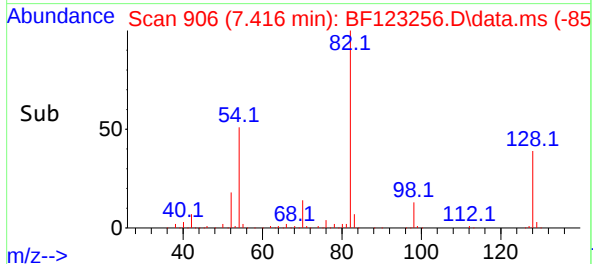
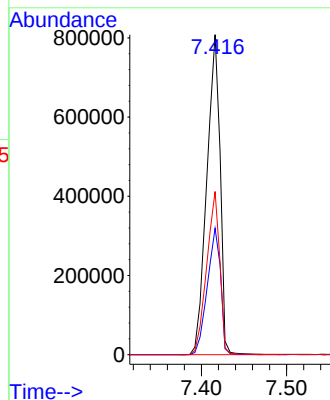
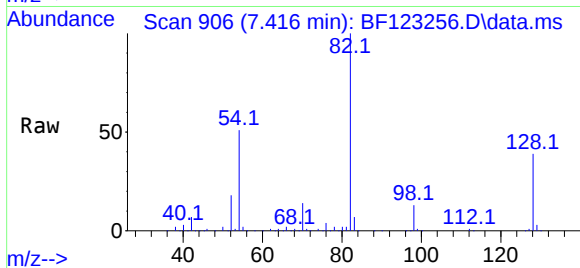
Ion	Ratio	Lower	Upper
82	100		
128	39.5	37.0	55.4
54	51.0	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

SP5483



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

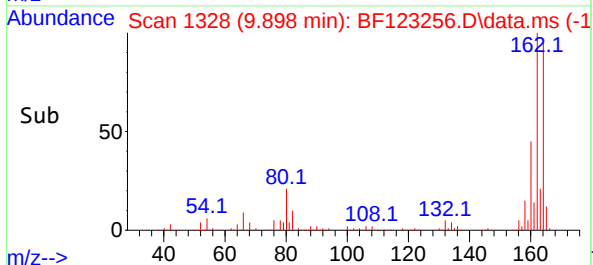
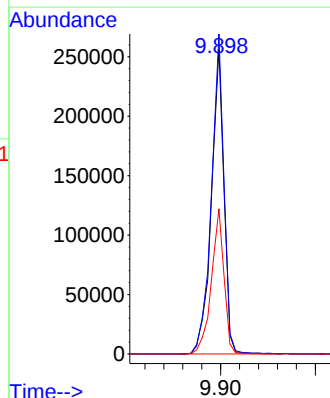
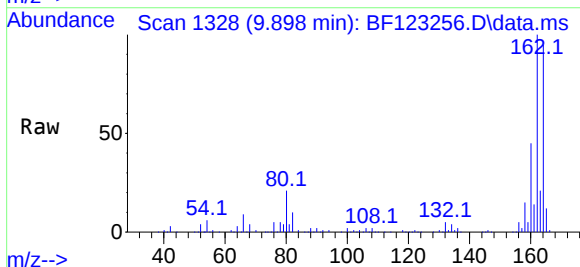
Delta R.T. -0.006 min

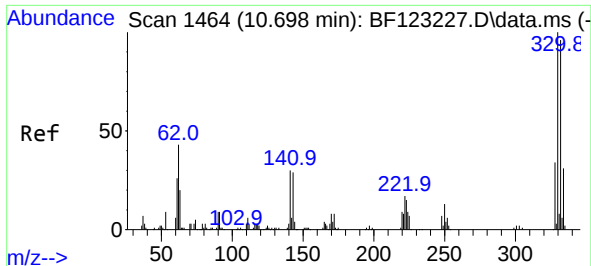
Lab File: BF123256.D

Acq: 22 Feb 2021 13:25

Tgt Ion:164 Resp: 237039

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.8	121.2
160	47.6	35.4	53.0

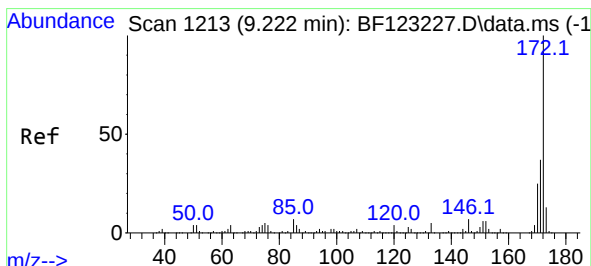
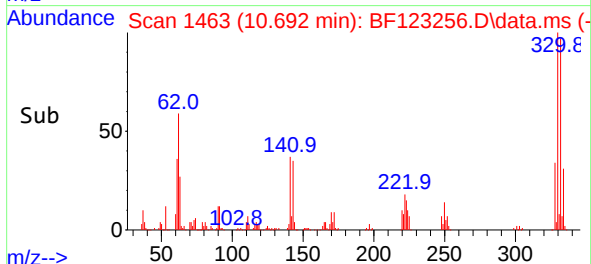
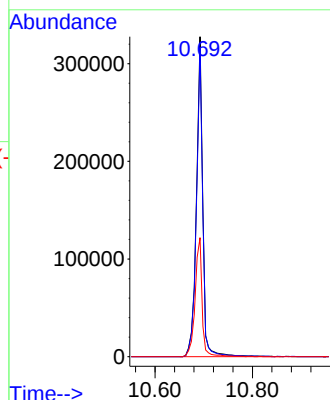
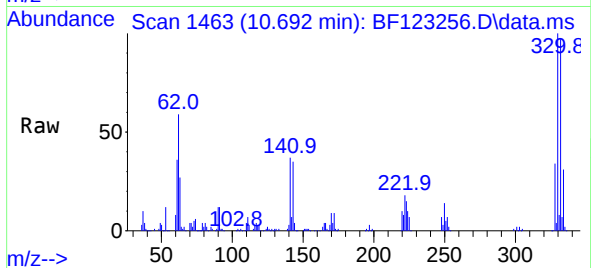




#42
2,4,6-Tribromophenol
Concen: 123.30 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

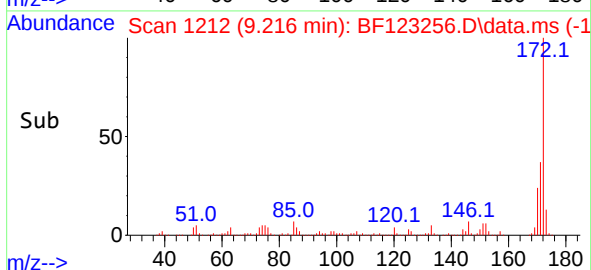
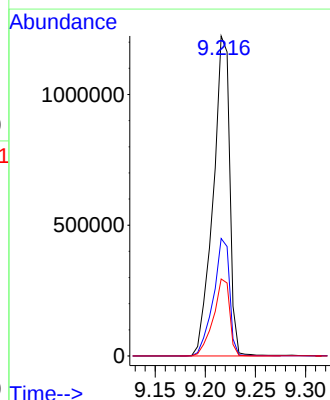
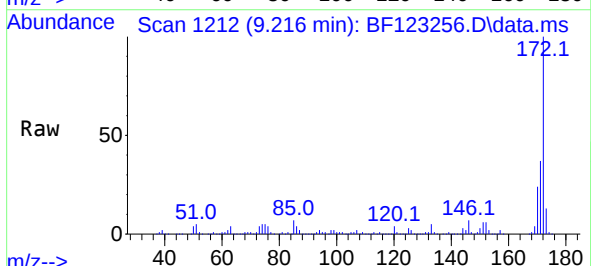
Instrument :
BNA_F
ClientSampleId :
SP5483

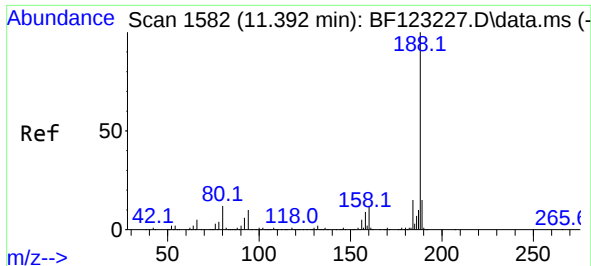
Tgt Ion: 330 Resp: 297606
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 40.9 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 85.20 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion: 172 Resp: 1405886
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.1 19.5 29.3



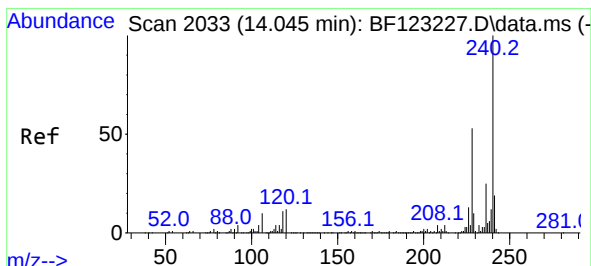
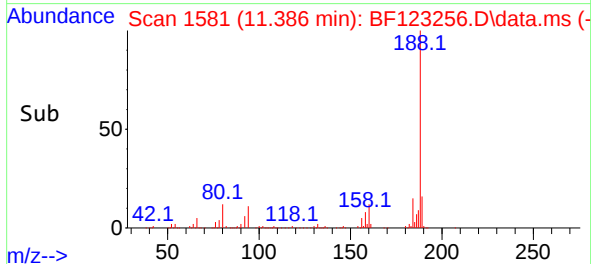
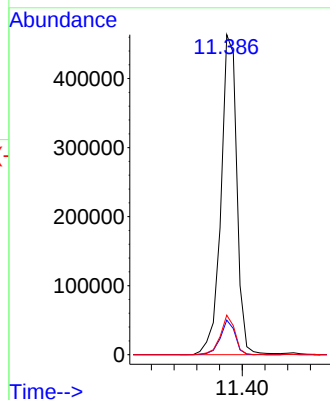
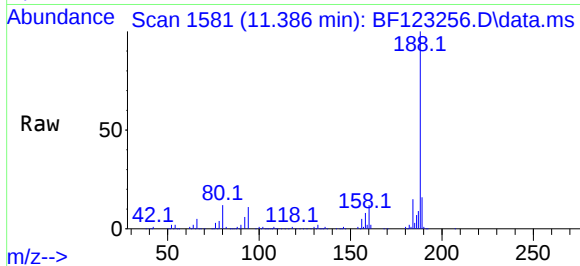


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Instrument :
BNA_F
ClientSampleId :
SP5483

Tgt Ion:188 Resp: 450773

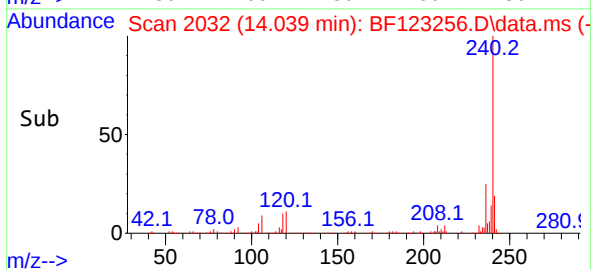
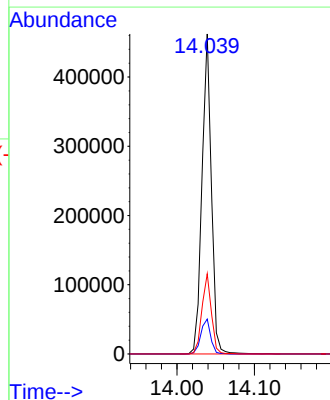
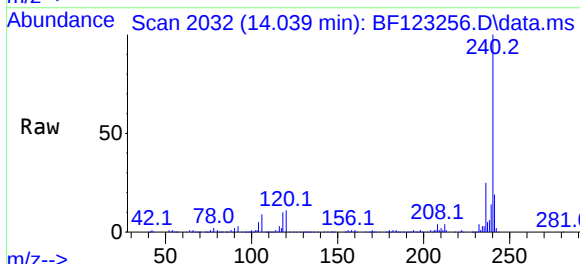
Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.4	11.2
80	12.3	8.2	12.4

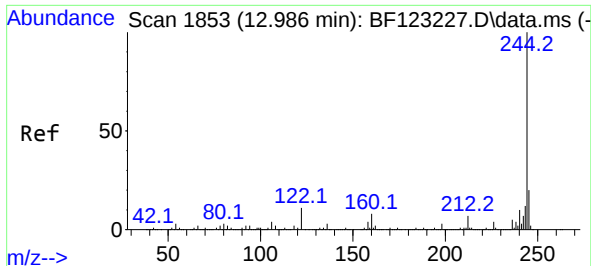


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion:240 Resp: 388771

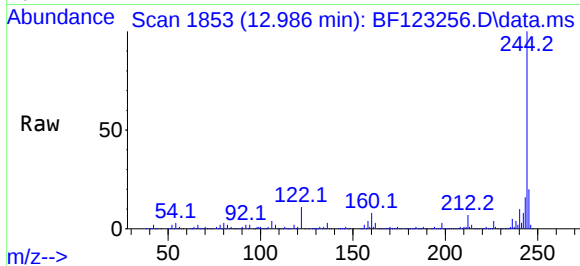
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	12.8
236	25.0	20.3	30.5



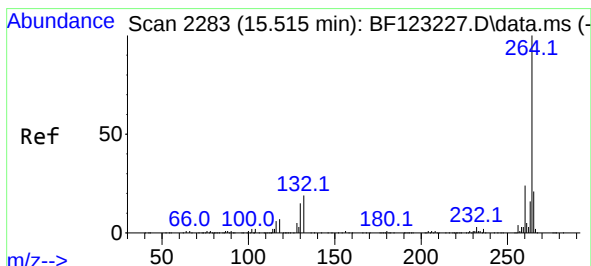
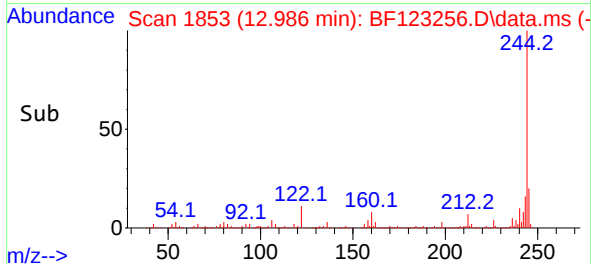
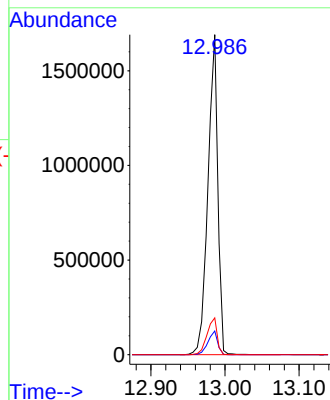


#79
Terphenyl-d14
Concen: 77.57 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

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Tgt Ion:244 Resp: 1568314
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.5 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion:264 Resp: 373998
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.4 17.0 25.6

