

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126302.D
 Acq On : 21 Dec 2021 18:10
 Operator : JU/CG
 Sample : M5018-69
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9

Quant Time: Dec 22 05:21:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	201682	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	864244	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	433009	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	711426	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	484071	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	373948	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1236088	90.257	ng	0.01
7) Phenol-d6	6.445	99	1622933	93.329	ng	0.00
23) Nitrobenzene-d5	7.375	82	1073531	67.274	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	353756	101.658	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	1562879	63.304	ng	0.00
79) Terphenyl-d14	12.927	244	1441264	51.750	ng	0.00

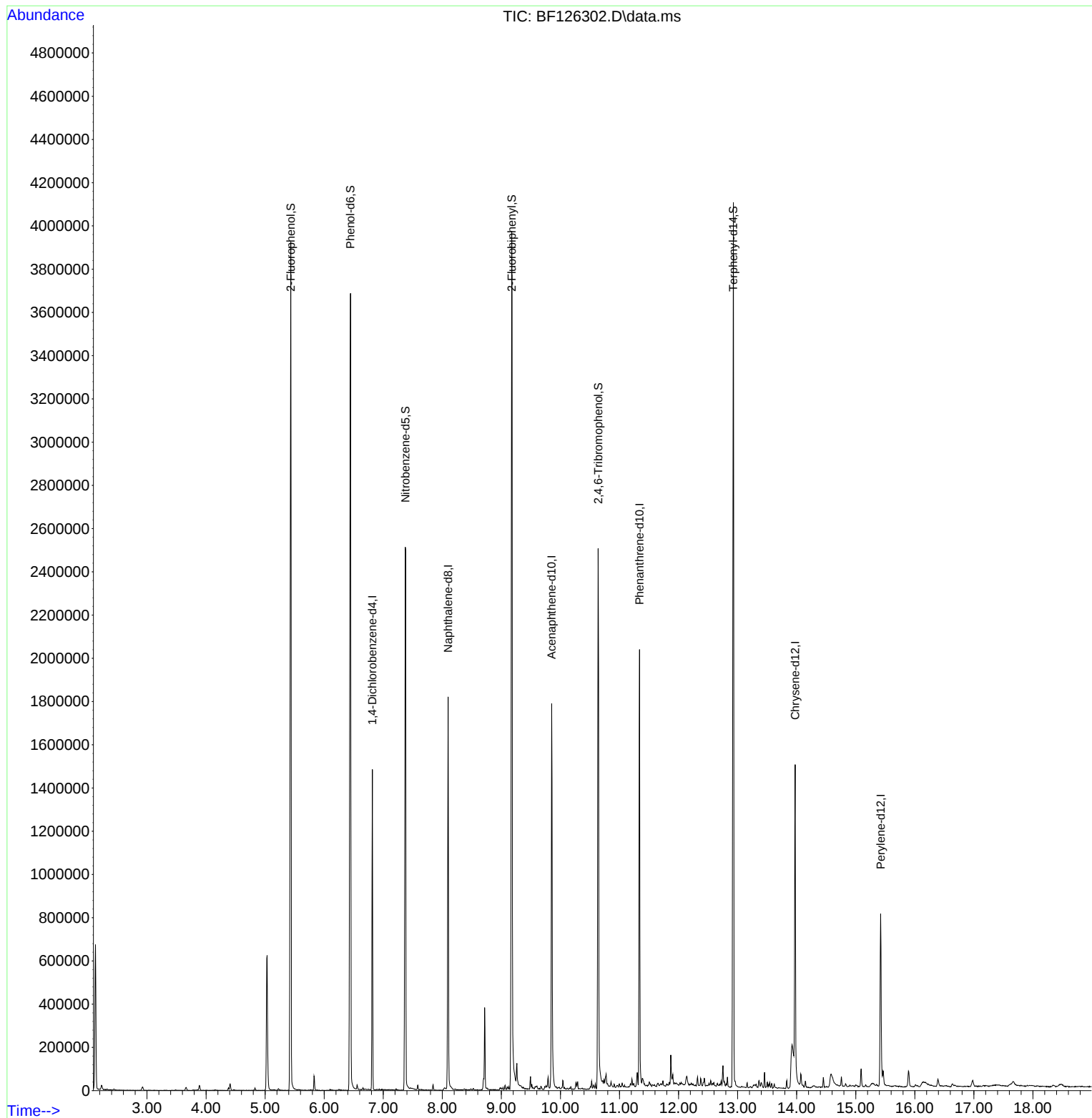
Target Compounds	Qvalue

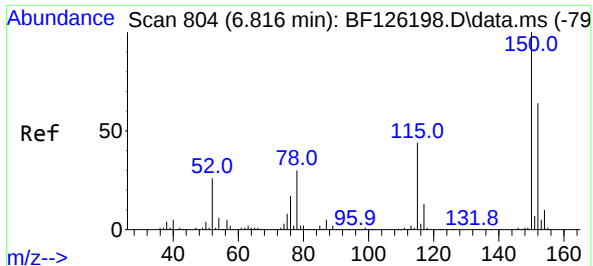
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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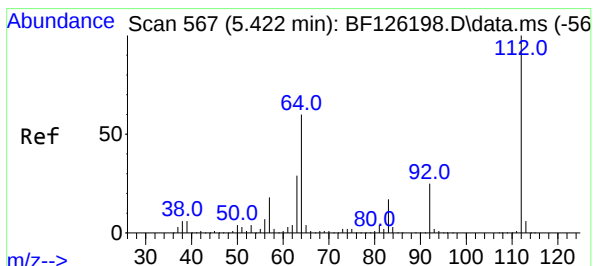
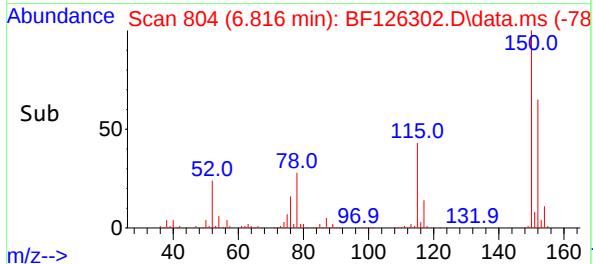
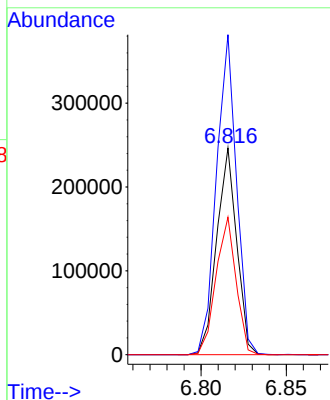
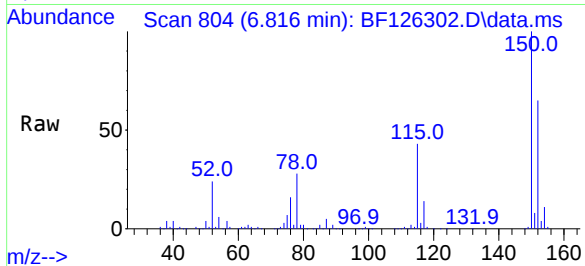




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

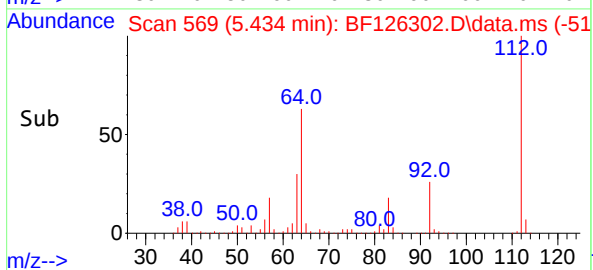
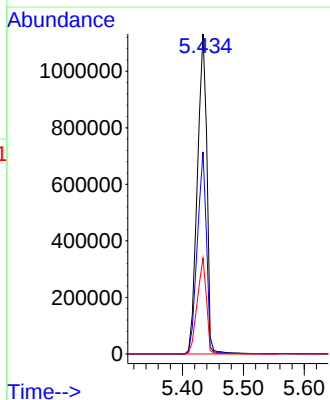
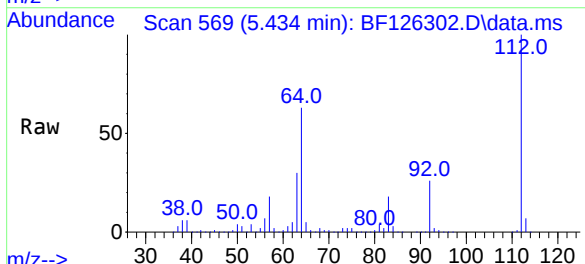
Instrument :
BNA_F
ClientSampleId :
TP9

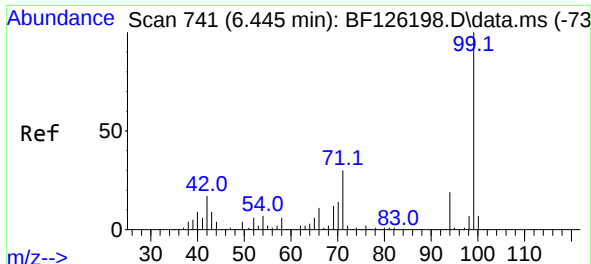
Tgt Ion:152 Resp: 201682
Ion Ratio Lower Upper
152 100
150 154.8 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 90.257 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Tgt Ion:112 Resp: 1236088
Ion Ratio Lower Upper
112 100
64 63.1 44.2 66.2
63 30.0 26.2 39.2

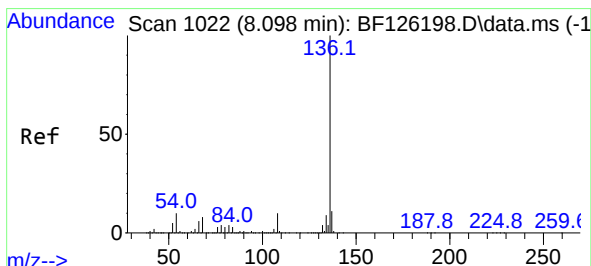
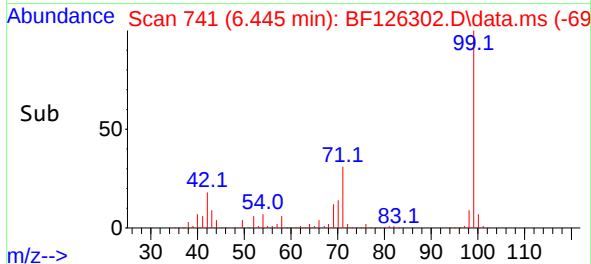
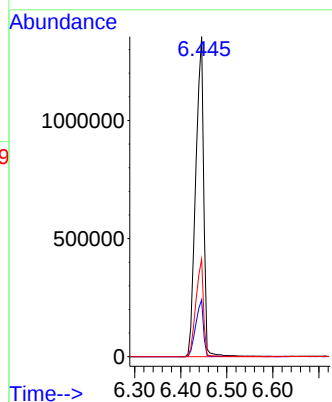
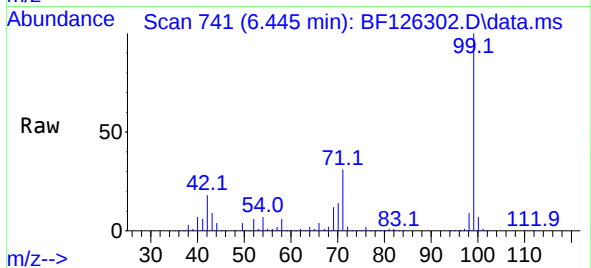




#7
Phenol-d6
Concen: 93.329 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

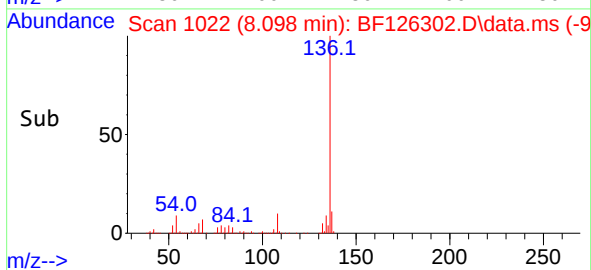
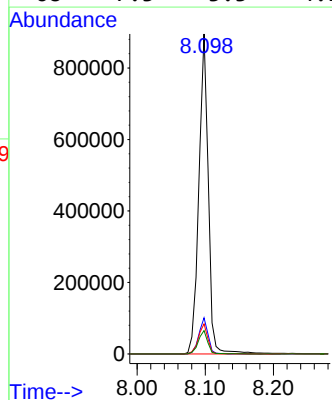
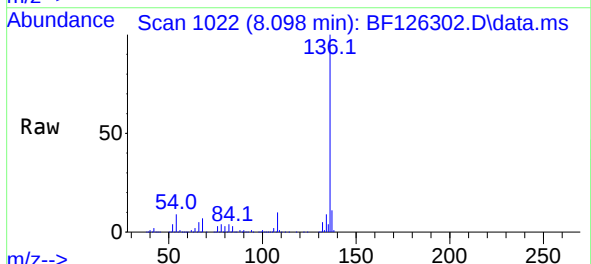
Instrument :
BNA_F
ClientSampleId :
TP9

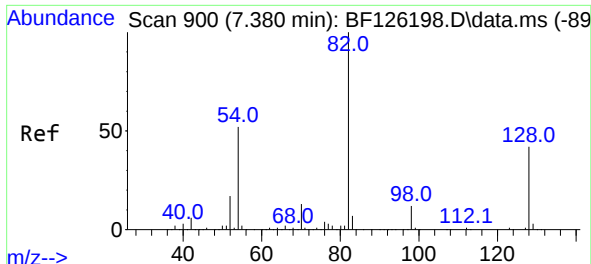
Tgt Ion: 99 Resp: 1622933
Ion Ratio Lower Upper
99 100
42 17.7 23.5 35.3#
71 30.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Tgt Ion:136 Resp: 864244
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.4 6.4 9.6
68 7.3 3.3 4.9#

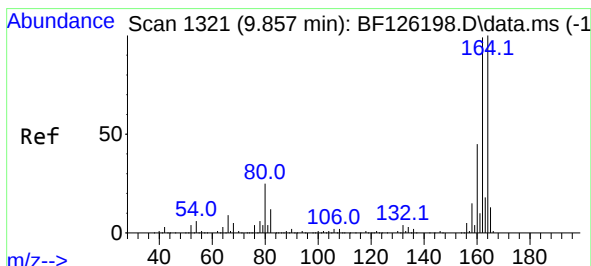
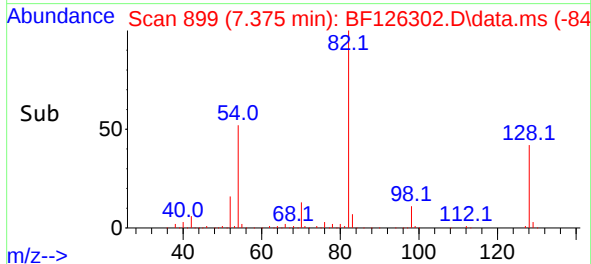
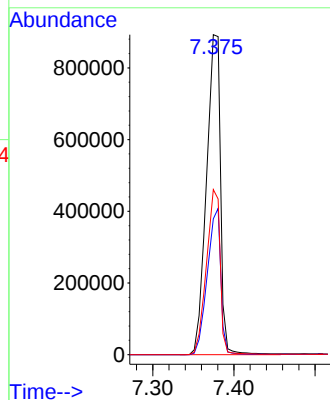
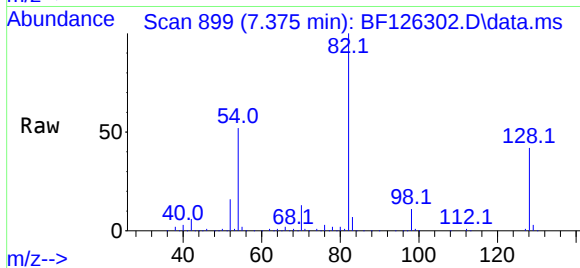




#23
Nitrobenzene-d5
Concen: 67.274 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

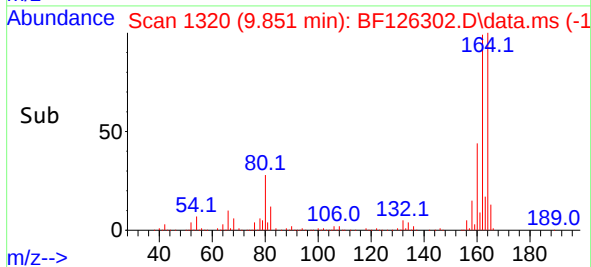
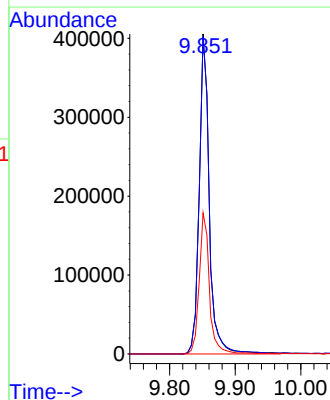
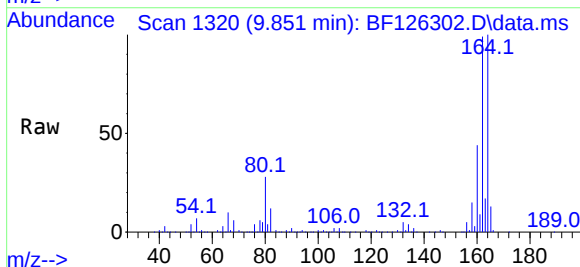
Instrument :
BNA_F
ClientSampleId :
TP9

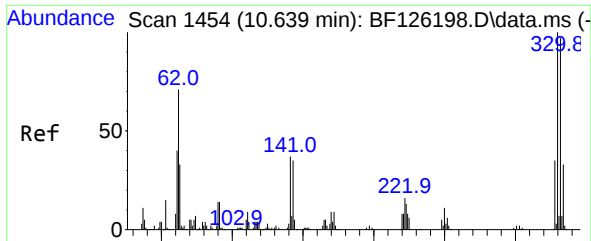
Tgt Ion: 82 Resp: 1073531
Ion Ratio Lower Upper
82 100
128 42.5 40.6 60.8
54 51.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

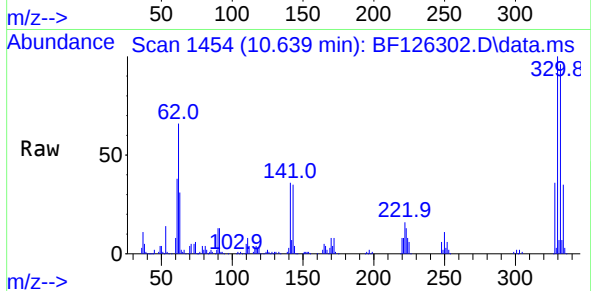
Tgt Ion:164 Resp: 433009
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.1 38.0 57.0



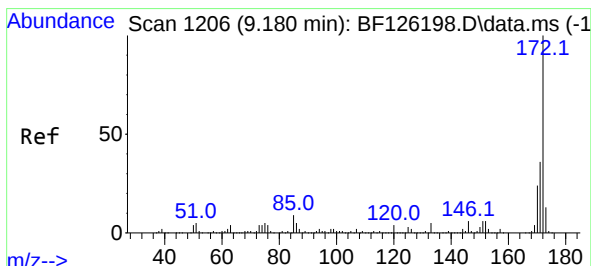
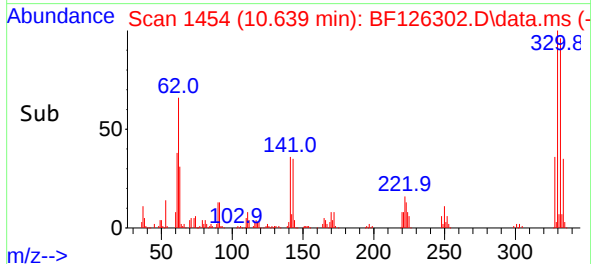
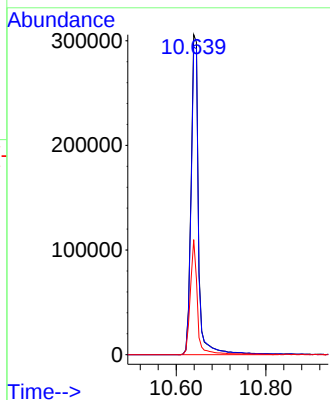


#42
2,4,6-Tribromophenol
Concen: 101.658 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Instrument :
BNA_F
ClientSampleId :
TP9

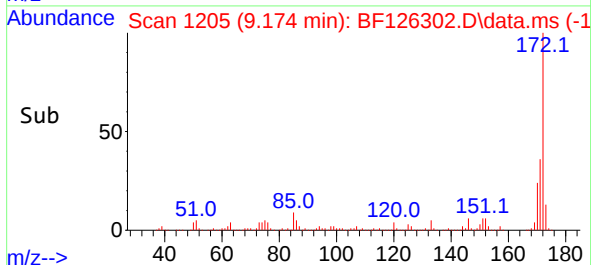
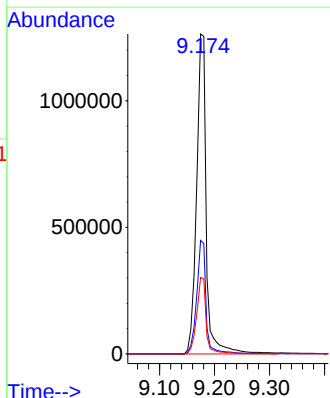
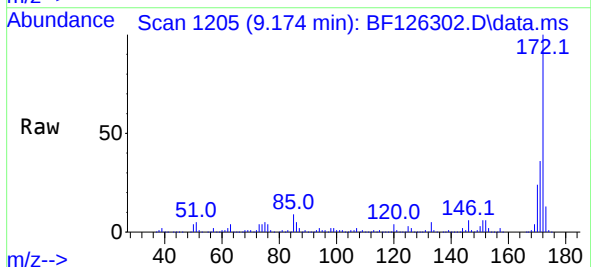


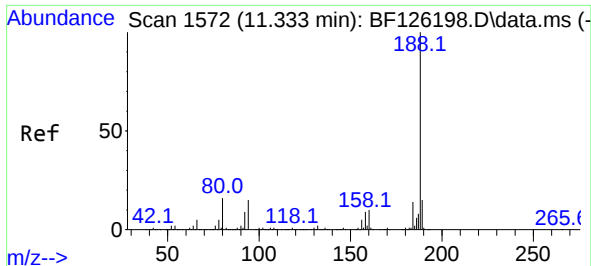
Tgt Ion:330 Resp: 353756
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 33.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.304 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

Tgt Ion:172 Resp: 1562879
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.9 18.8 28.2

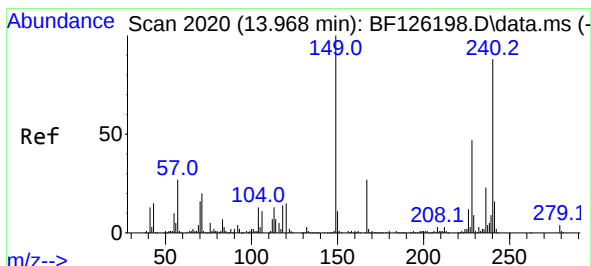
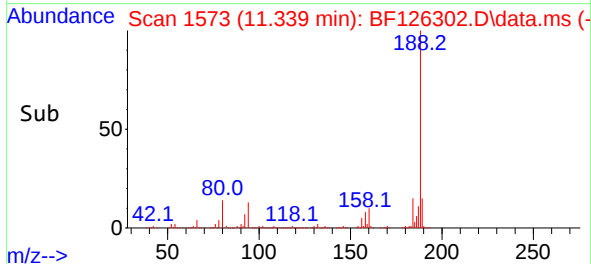
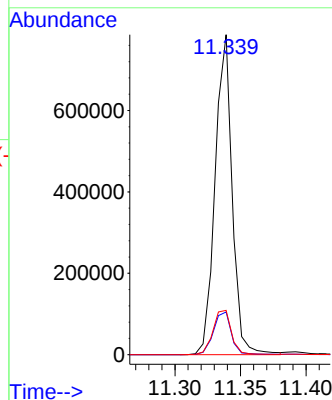
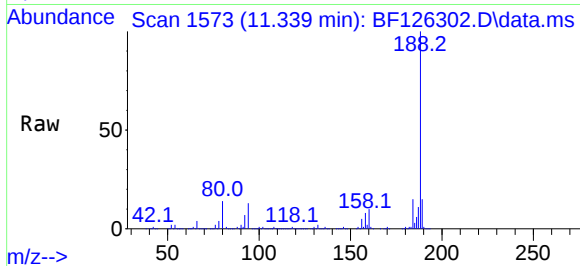




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

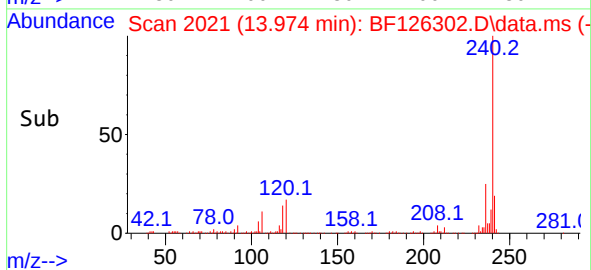
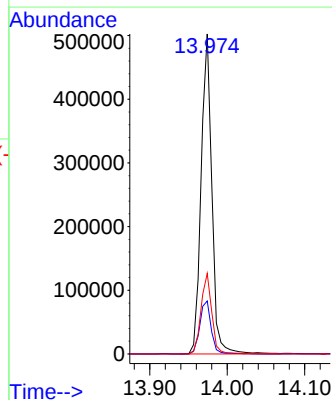
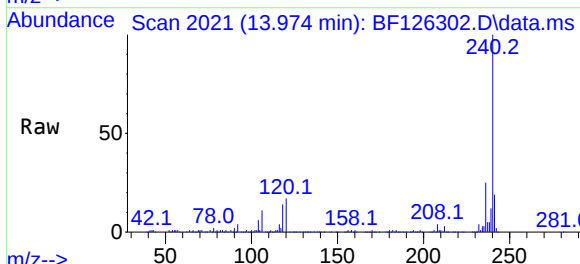
Instrument :
BNA_F
ClientSampleId :
TP9

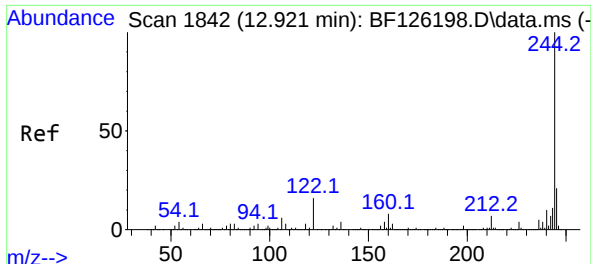
Tgt Ion:188 Resp: 711426
Ion Ratio Lower Upper
188 100
94 13.4 6.7 10.1#
80 13.9 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126302.D
Acq: 21 Dec 2021 18:10

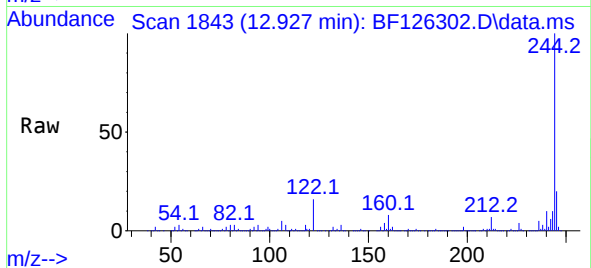
Tgt Ion:240 Resp: 484071
Ion Ratio Lower Upper
240 100
120 16.6 10.8 16.2#
236 25.2 21.6 32.4



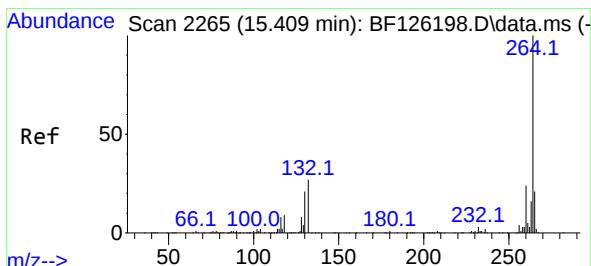
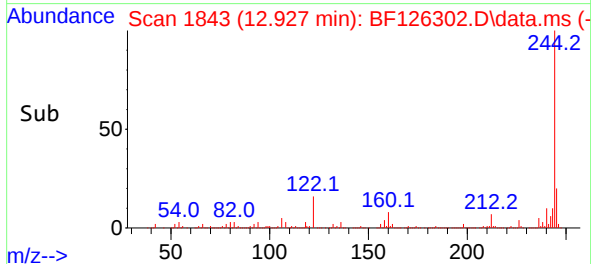
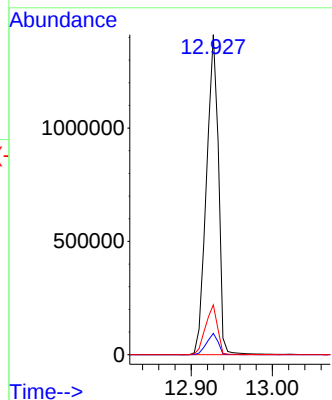


#79
 Terphenyl-d14
 Concen: 51.750 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126302.D
 Acq: 21 Dec 2021 18:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9



Tgt Ion:244 Resp: 1441264
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 15.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126302.D
 Acq: 21 Dec 2021 18:10

Tgt Ion:264 Resp: 373948
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.0 17.2 25.8

