

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126426.D
 Acq On : 30 Dec 2021 18:52
 Operator : JU/CG
 Sample : M5241-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2D

Quant Time: Dec 31 00:37:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	129244	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	527430	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	245111	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	361713	20.000	ng	0.00
76) Chrysene-d12	13.951	240	223378	20.000	ng	0.00
86) Perylene-d12	15.392	264	227640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	986502	109.613	ng	0.02
7) Phenol-d6	6.428	99	1143894	98.131	ng	0.00
23) Nitrobenzene-d5	7.357	82	880017	85.671	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	247662	130.756	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1161553	83.391	ng	0.00
79) Terphenyl-d14	12.904	244	923274	80.306	ng	0.00

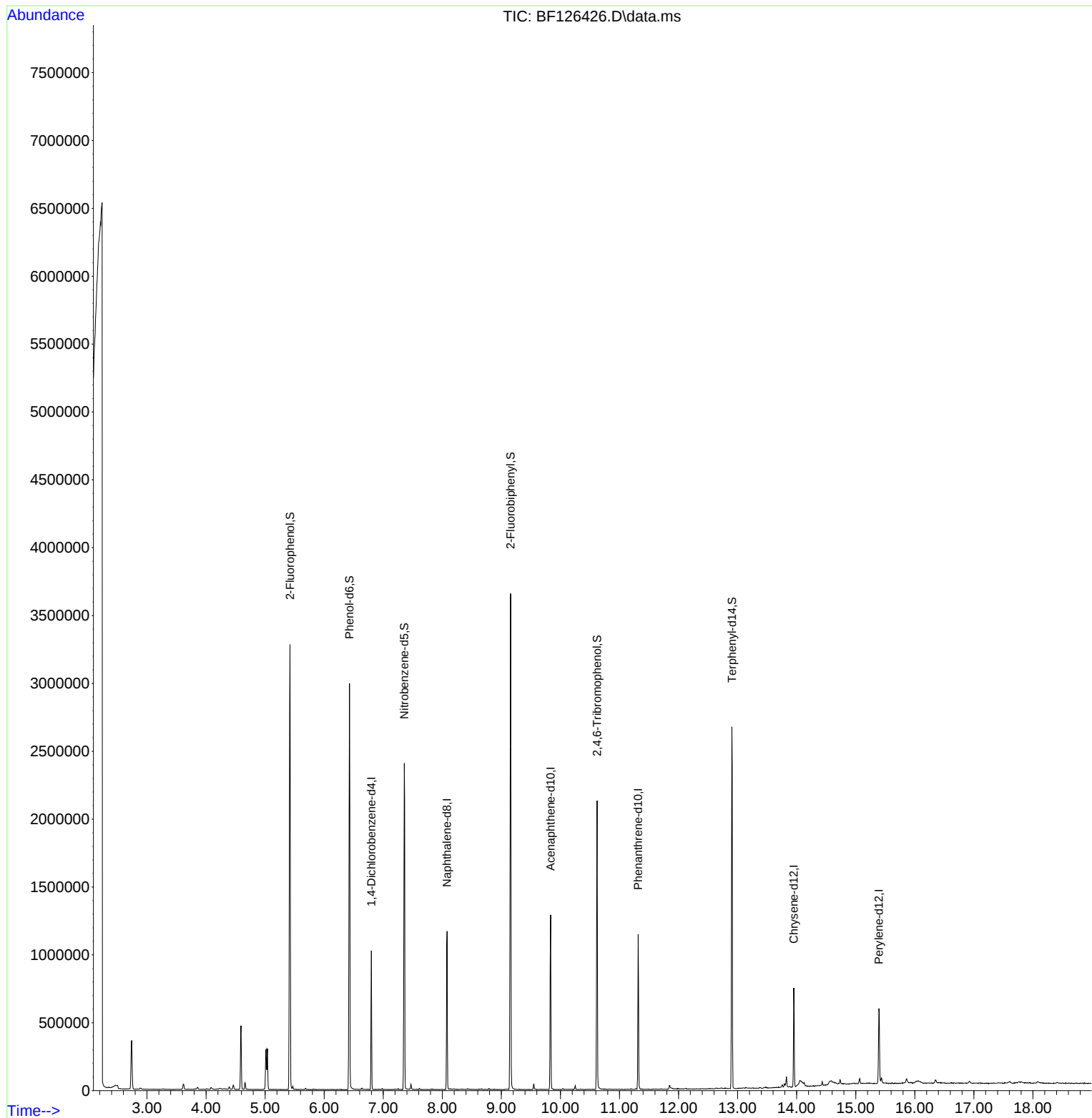
Target Compounds	Qvalue

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

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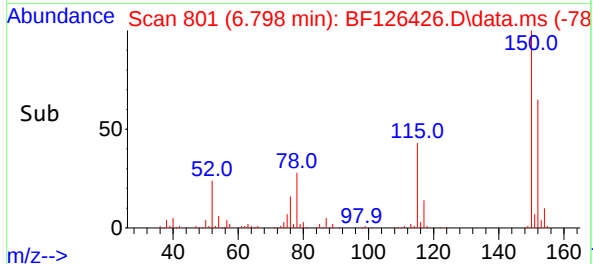
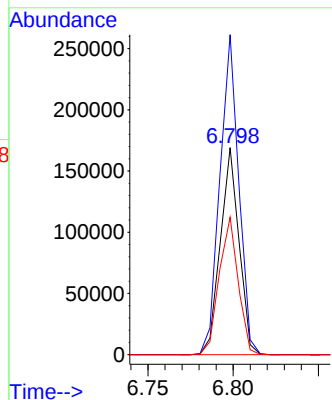
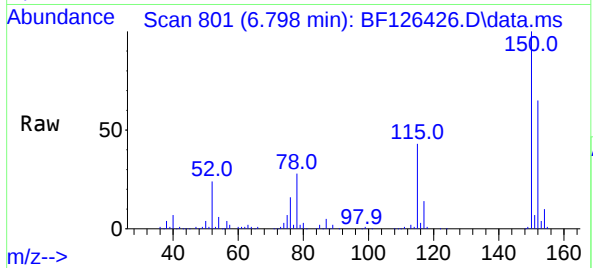




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

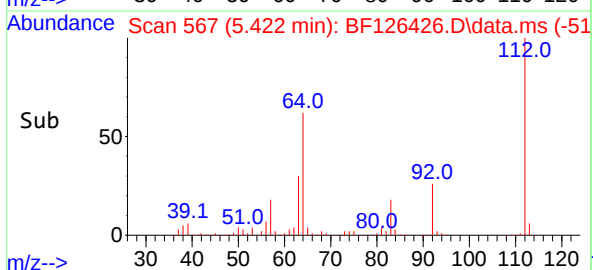
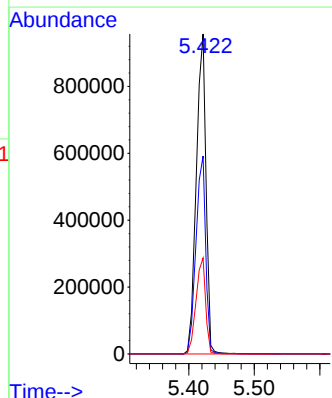
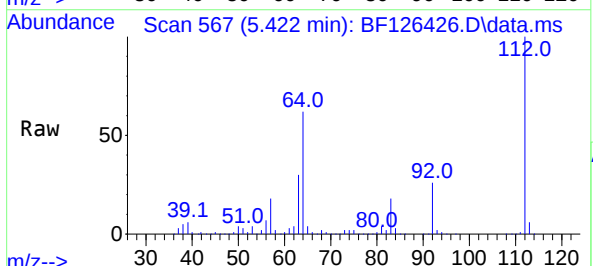
Instrument :
BNA_F
ClientSampleId :
TP-2D

Tgt Ion:152 Resp: 129244
Ion Ratio Lower Upper
152 100
150 154.5 128.1 192.1
115 66.4 56.7 85.1

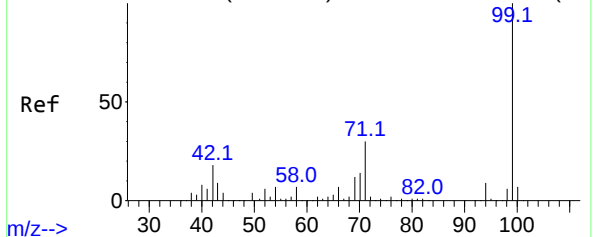


#5
2-Fluorophenol
Concen: 109.613 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

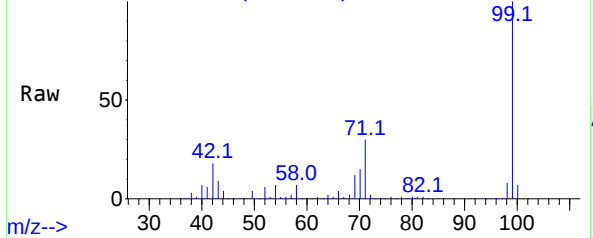
Tgt Ion:112 Resp: 986502
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 30.0 23.9 35.9



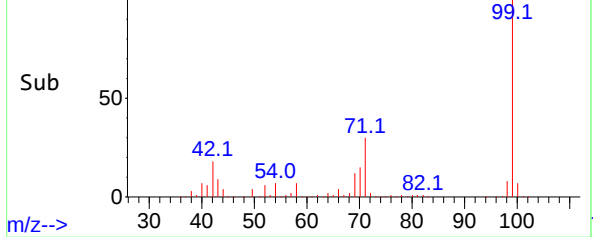
Abundance Scan 738 (6.428 min): BF126402.D\data.ms (-73



m/z--> Scan 738 (6.428 min): BF126426.D\data.ms



m/z--> Abundance Scan 738 (6.428 min): BF126426.D\data.ms (-68



m/z-->

#7

Phenol-d6

Concen: 98.131 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF126426.D

Acq: 30 Dec 2021 18:52

Instrument :

BNA_F

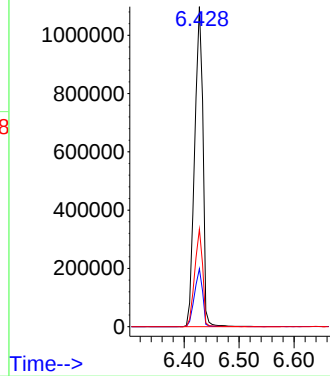
ClientSampleId :

TP-2D

Tgt Ion: 99 Resp: 1143894

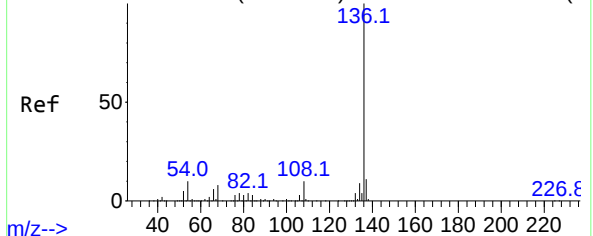
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.2	21.4
71	30.4	24.3	36.5

Abundance

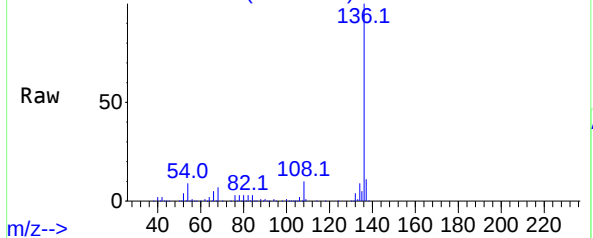


Time-->

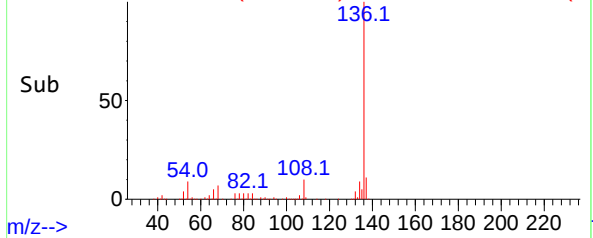
Abundance Scan 1019 (8.080 min): BF126402.D\data.ms (-1



m/z--> Abundance Scan 1019 (8.080 min): BF126426.D\data.ms



m/z--> Abundance Scan 1019 (8.080 min): BF126426.D\data.ms (-9



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.080 min Scan# 1019

Delta R.T. -0.000 min

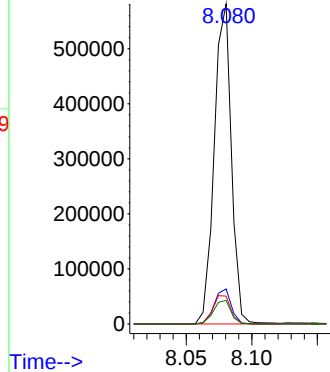
Lab File: BF126426.D

Acq: 30 Dec 2021 18:52

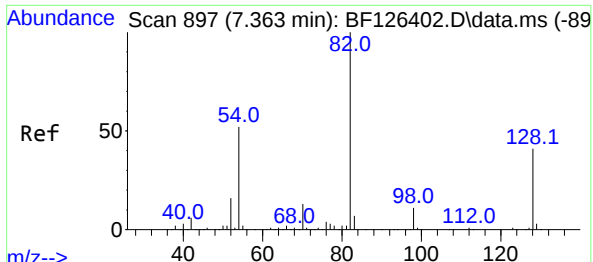
Tgt Ion:136 Resp: 527430

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.8	11.6
68	7.3	6.3	9.5

Abundance



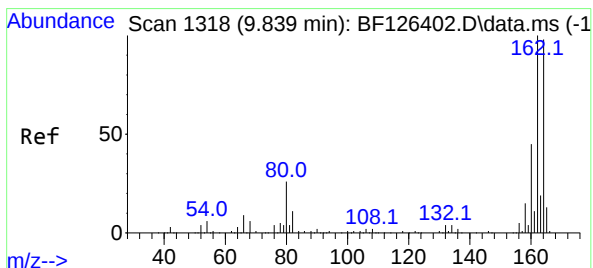
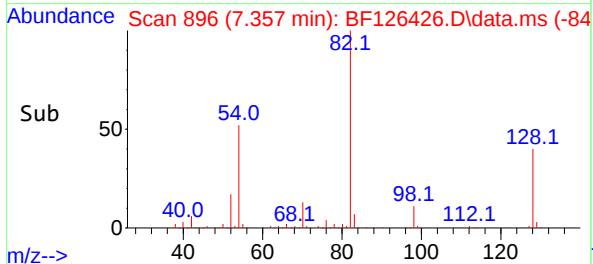
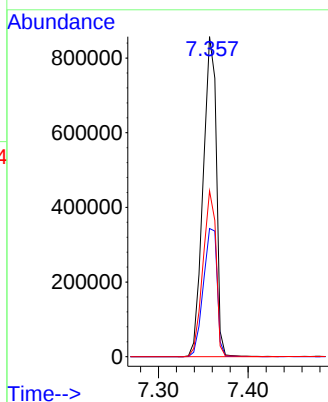
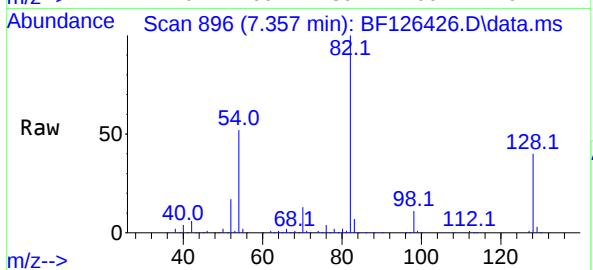
Time-->



#23
Nitrobenzene-d5
Concen: 85.671 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

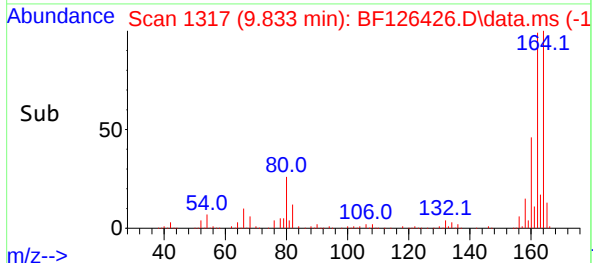
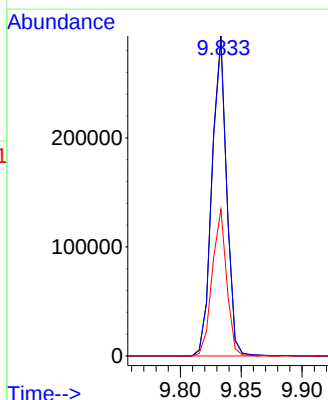
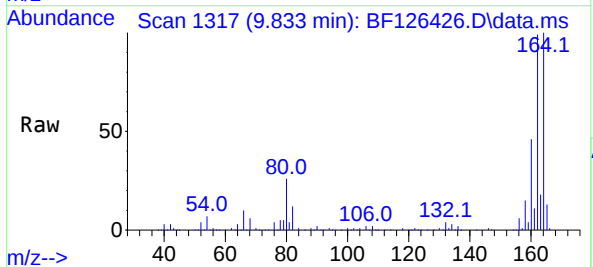
Instrument :
BNA_F
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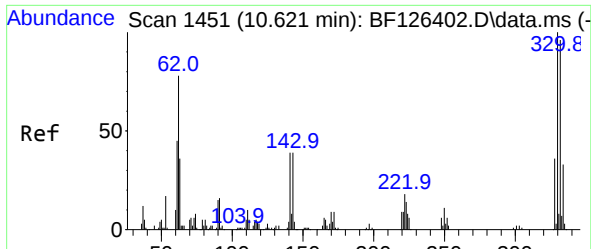
Tgt Ion: 82 Resp: 880017
Ion Ratio Lower Upper
82 100
128 40.1 32.7 49.1
54 51.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

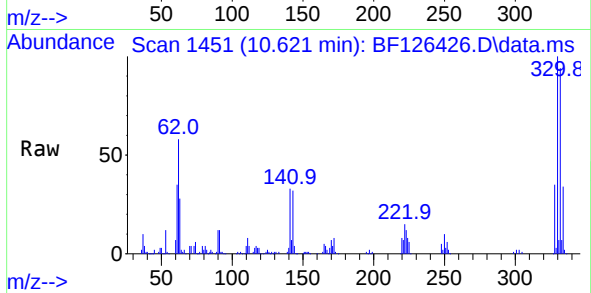
Tgt Ion: 164 Resp: 245111
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 45.9 36.6 54.8



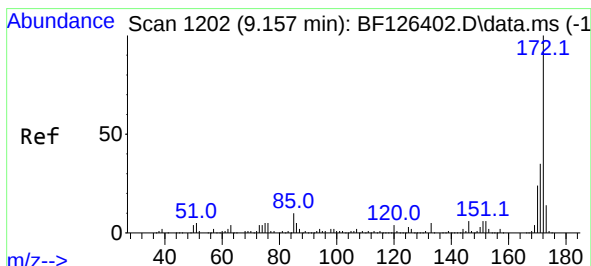
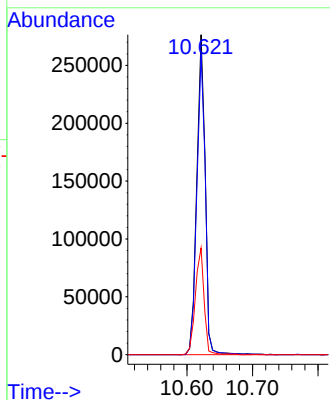
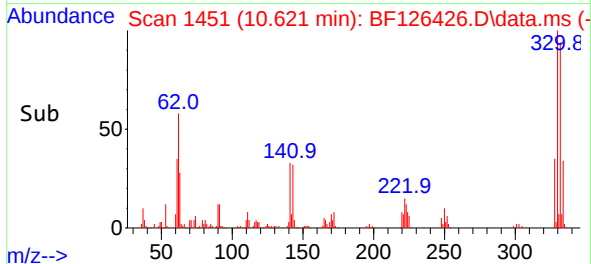


#42
2,4,6-Tribromophenol
Concen: 130.756 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

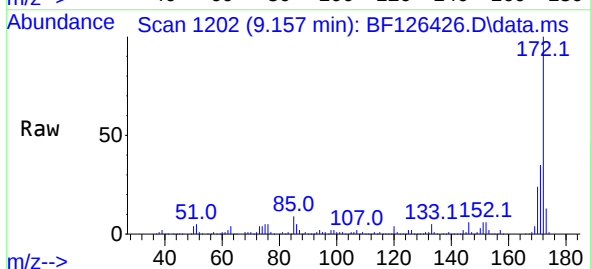
Instrument :
BNA_F
ClientSampleId :
TP-2D



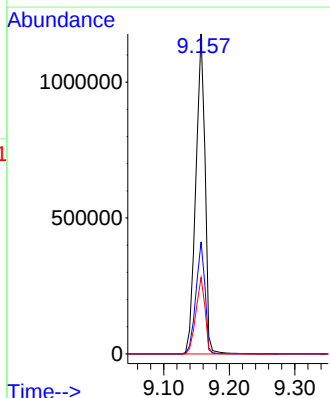
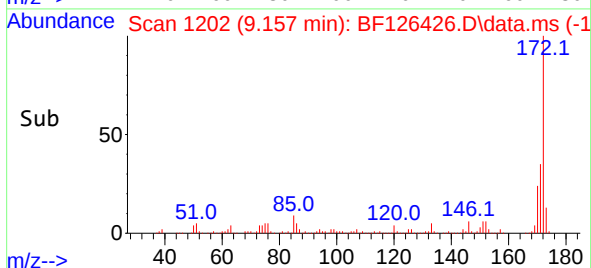
Tgt Ion:330 Resp: 247662
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 34.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 83.391 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52



Tgt Ion:172 Resp: 1161553
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.9 19.0 28.6

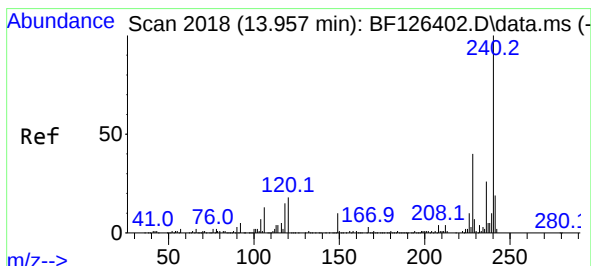
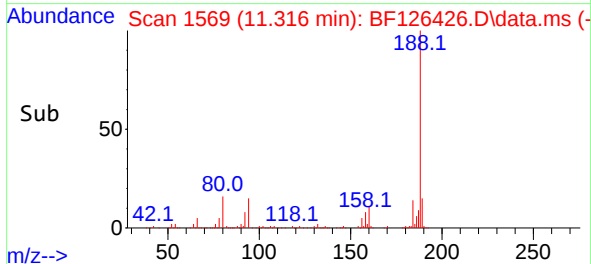
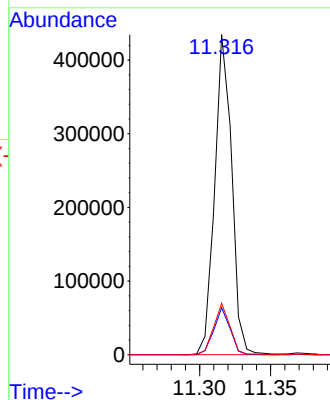
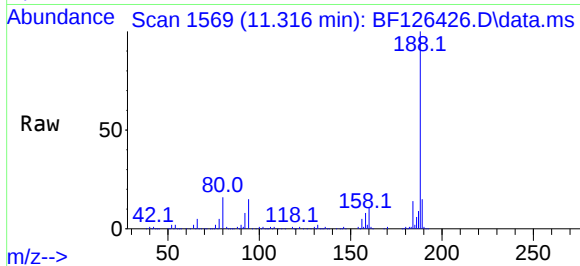




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

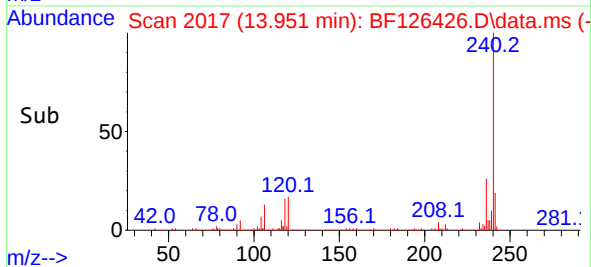
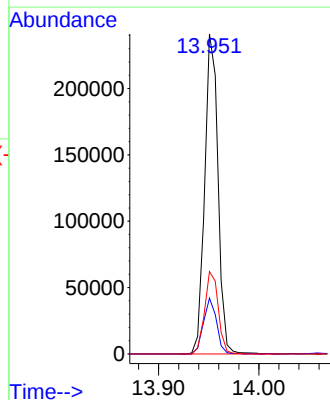
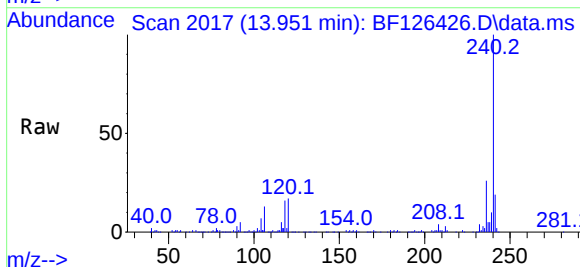
Instrument :
BNA_F
ClientSampleId :
TP-2D

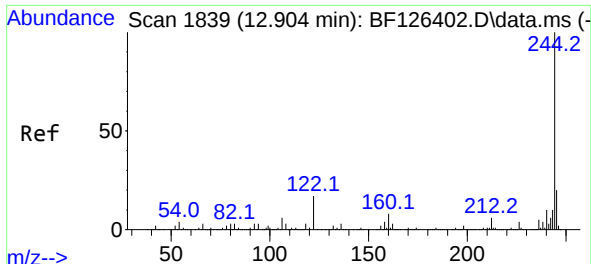
Tgt Ion:188 Resp: 361713
Ion Ratio Lower Upper
188 100
94 14.7 10.1 15.1
80 16.0 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF126426.D
Acq: 30 Dec 2021 18:52

Tgt Ion:240 Resp: 223378
Ion Ratio Lower Upper
240 100
120 17.5 14.4 21.6
236 25.7 20.5 30.7

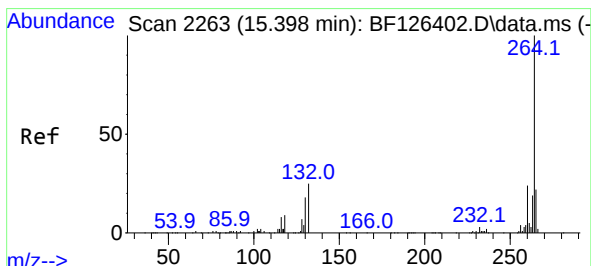
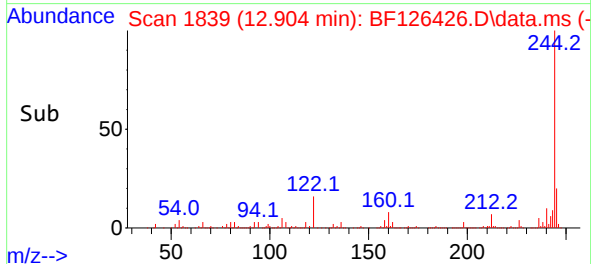
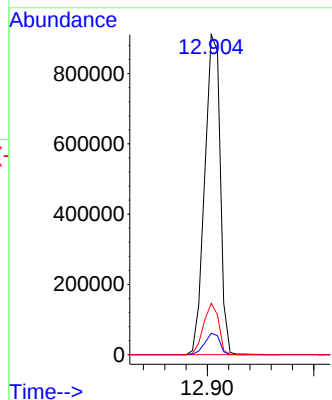
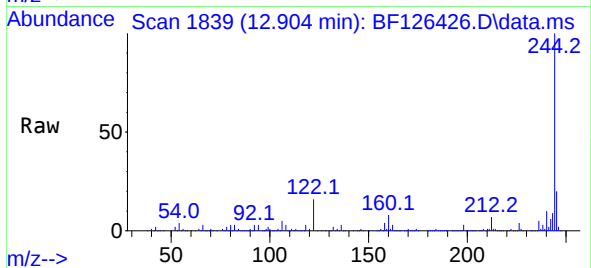




#79
 Terphenyl-d14
 Concen: 80.306 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF126426.D
 Acq: 30 Dec 2021 18:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2D

Tgt Ion:244 Resp: 923274
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 16.1 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.006 min
 Lab File: BF126426.D
 Acq: 30 Dec 2021 18:52

Tgt Ion:264 Resp: 227640
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 17.4 26.2

