

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126413.D
 Acq On : 30 Dec 2021 11:35
 Operator : JU/CG
 Sample : M5237-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1D

Quant Time: Dec 30 13:25:19 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	148657	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	639917	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	305799	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	514027	20.000	ng	0.00
76) Chrysene-d12	13.951	240	348859	20.000	ng	0.00
86) Perylene-d12	15.392	264	236834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1154136	111.492	ng	0.02
7) Phenol-d6	6.428	99	1393118	103.905	ng	0.00
23) Nitrobenzene-d5	7.357	82	1077935	86.492	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	327075	138.412	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1361242	78.333	ng	0.00
79) Terphenyl-d14	12.910	244	1343595	74.830	ng	0.00

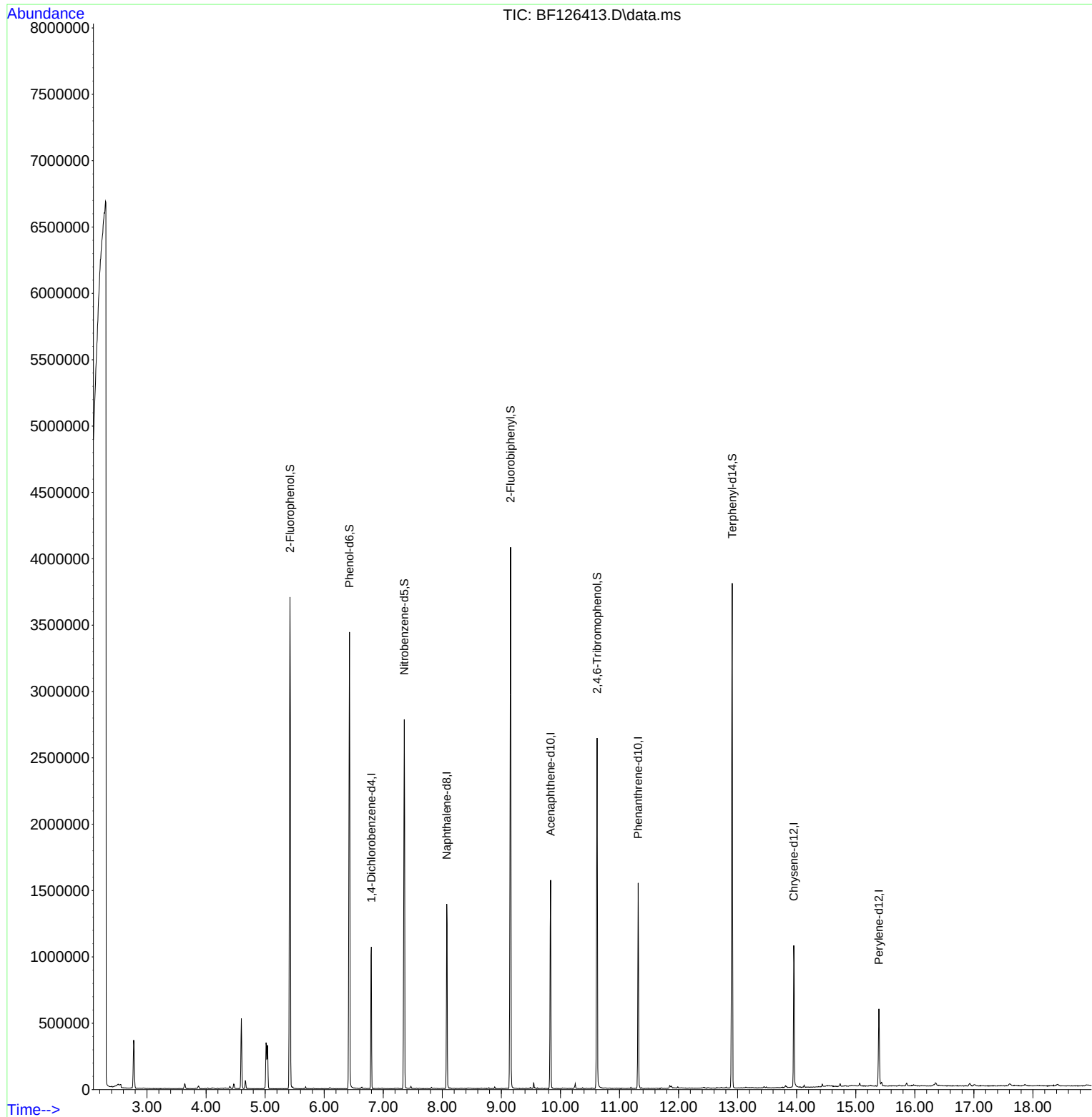
Target Compounds	Qvalue

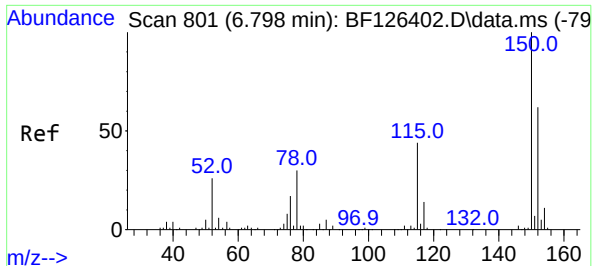
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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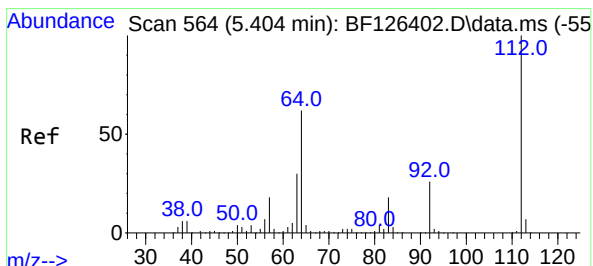
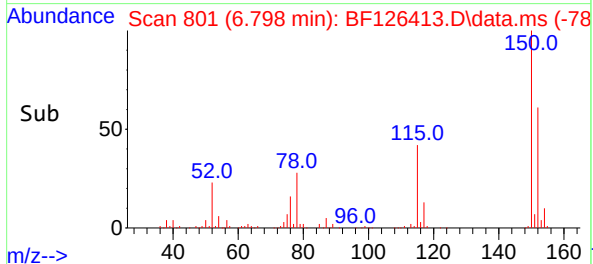
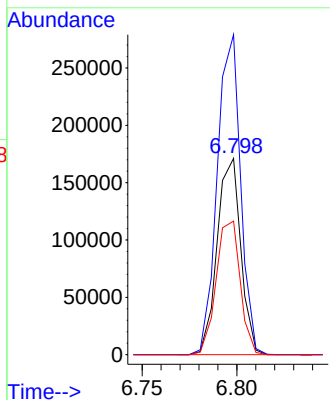
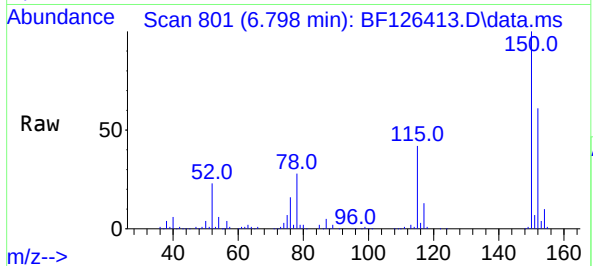




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

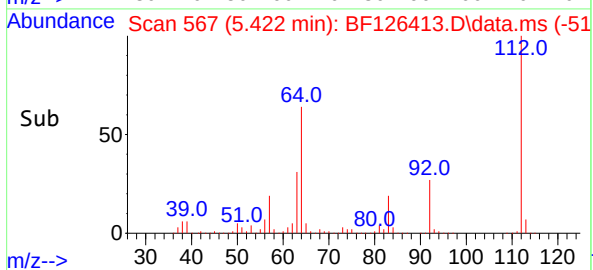
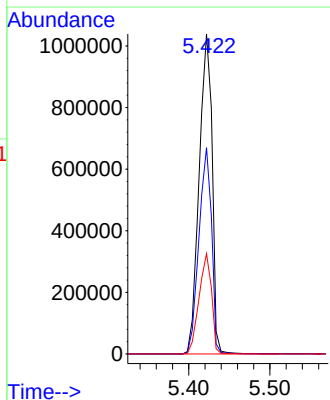
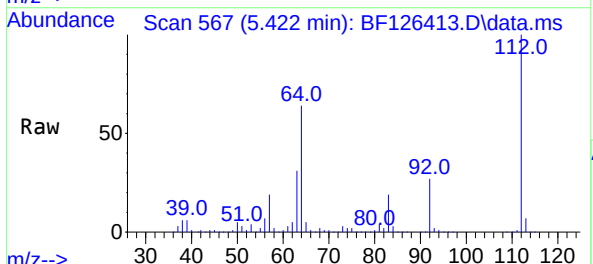
Instrument :
BNA_F
ClientSampleId :
TP-1D

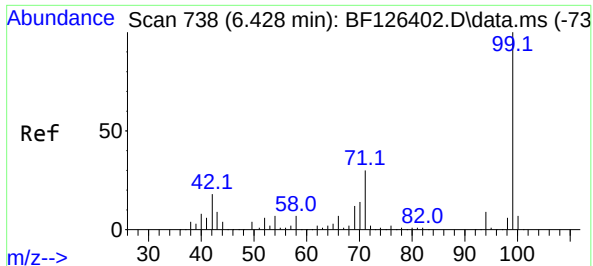
Tgt Ion:152 Resp: 148657
Ion Ratio Lower Upper
152 100
150 162.9 128.1 192.1
115 68.1 56.7 85.1



#5
2-Fluorophenol
Concen: 111.492 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Tgt Ion:112 Resp: 1154136
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 31.4 23.9 35.9



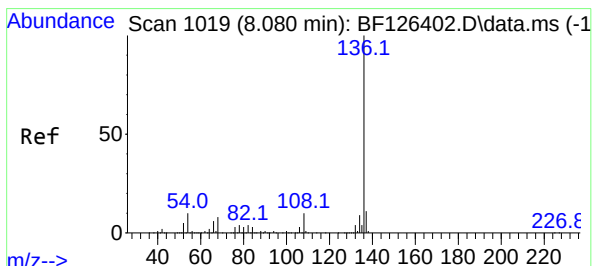
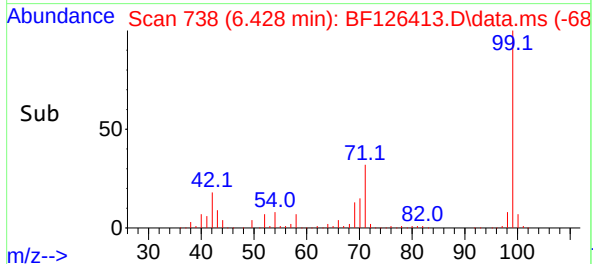
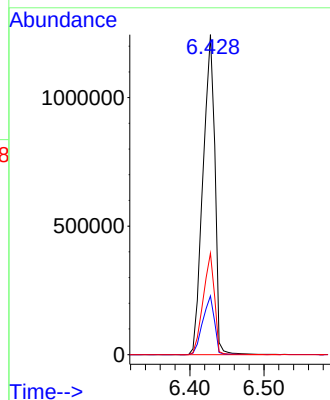
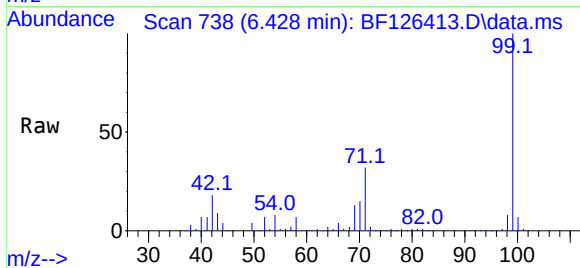


#7
Phenol-d6
Concen: 103.905 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Instrument :
BNA_F
ClientSampleId :
TP-1D

Tgt Ion: 99 Resp: 1393118

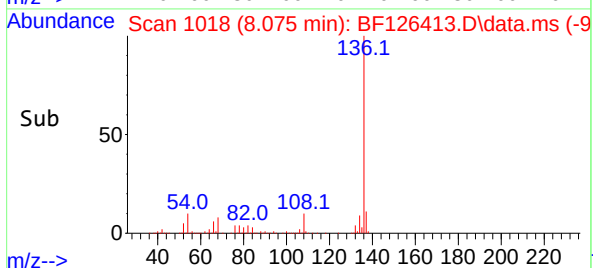
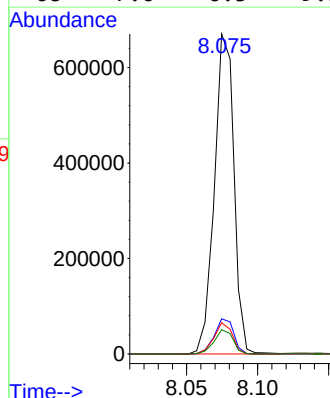
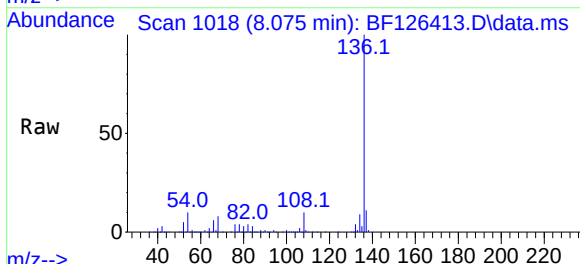
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.2	21.4
71	31.7	24.3	36.5

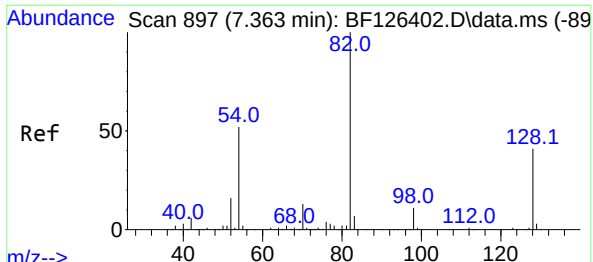


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Tgt Ion: 136 Resp: 639917

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.7	7.8	11.6
68	7.6	6.3	9.5

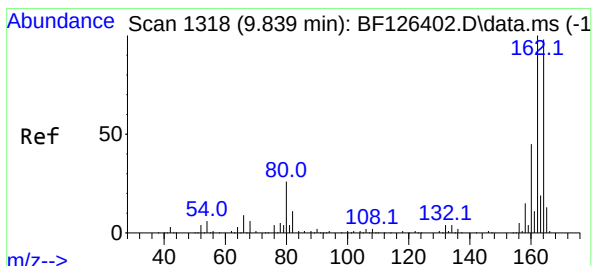
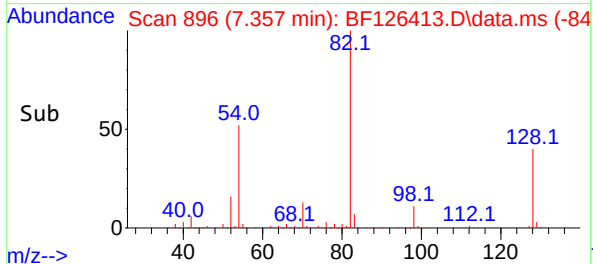
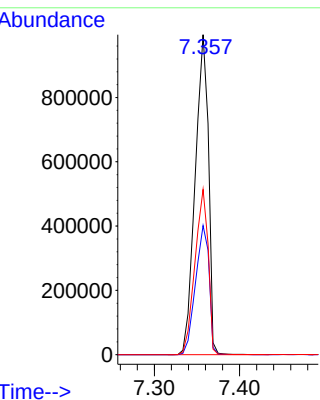
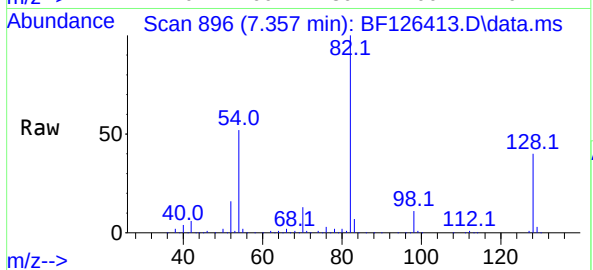




#23
Nitrobenzene-d5
Concen: 86.492 ng
RT: 7.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

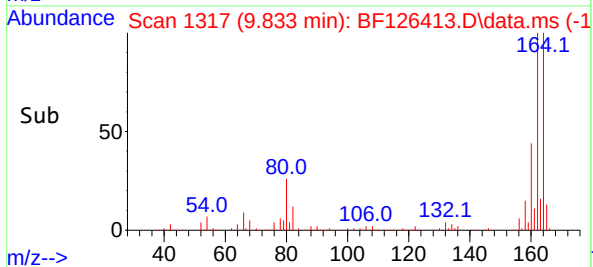
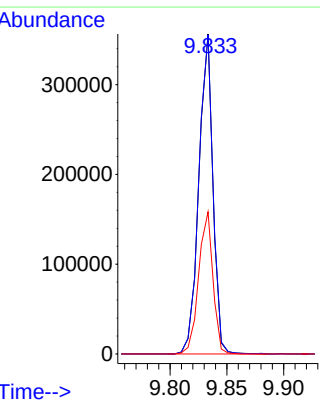
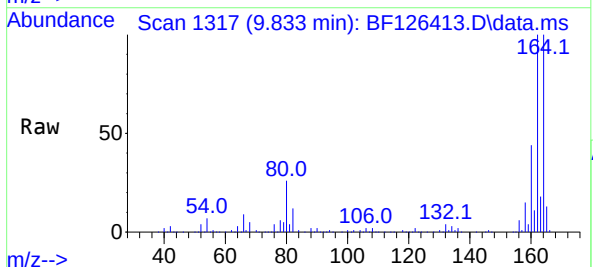
Instrument :
BNA_F
ClientSampleId :
TP-1D

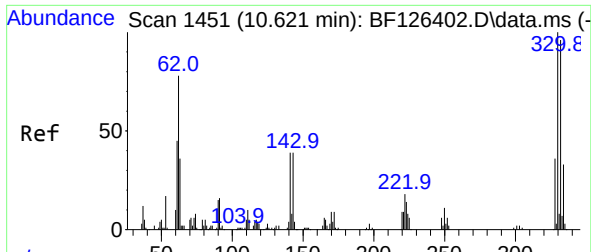
Tgt Ion: 82 Resp: 1077935
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 51.6 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

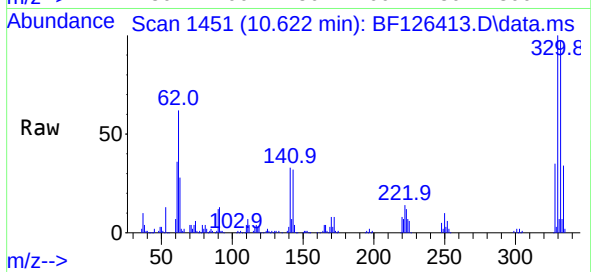
Tgt Ion:164 Resp: 305799
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 44.4 36.6 54.8



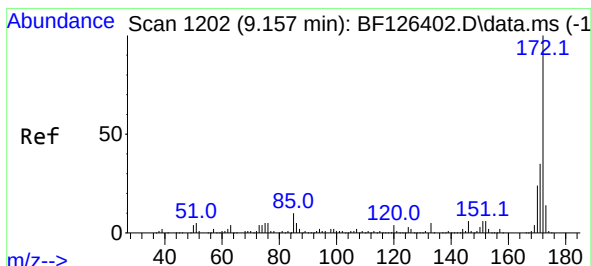
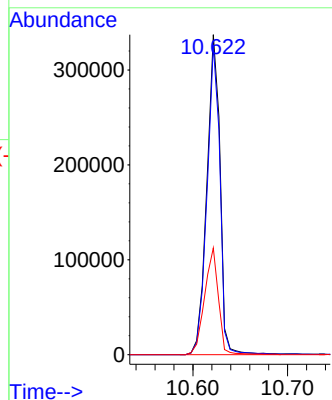
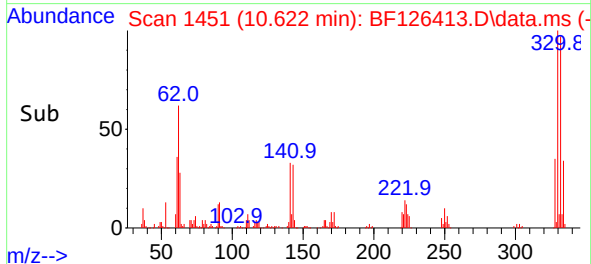


#42
2,4,6-Tribromophenol
Concen: 138.412 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

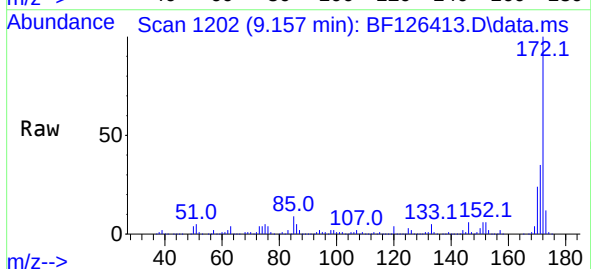
Instrument :
BNA_F
ClientSampleId :
TP-1D



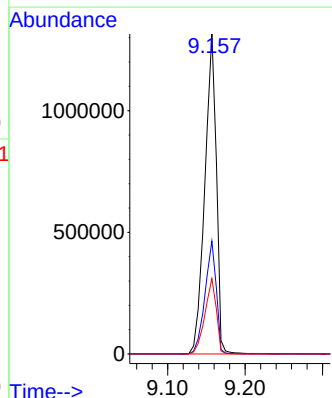
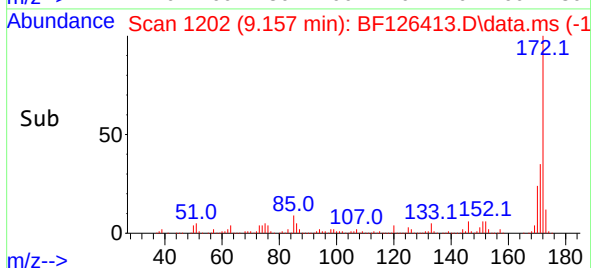
Tgt Ion:330 Resp: 327075
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 35.0 30.1 45.1

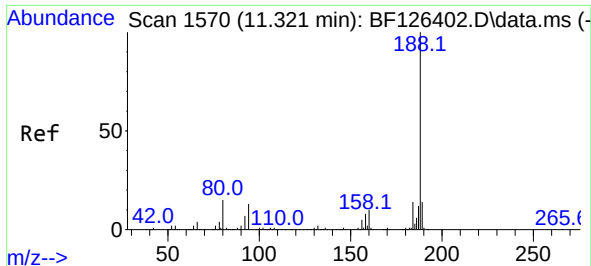


#45
2-Fluorobiphenyl
Concen: 78.333 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35



Tgt Ion:172 Resp: 1361242
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.0 28.6

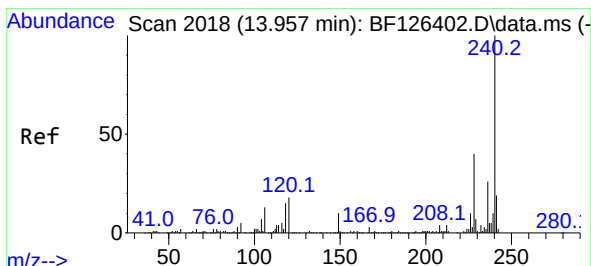
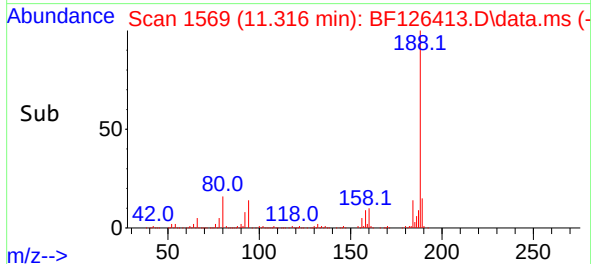
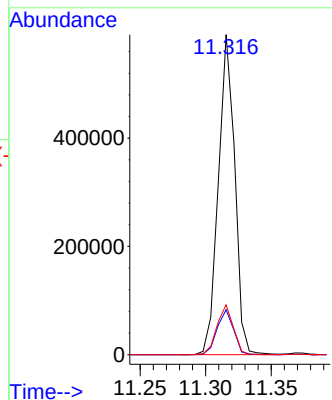
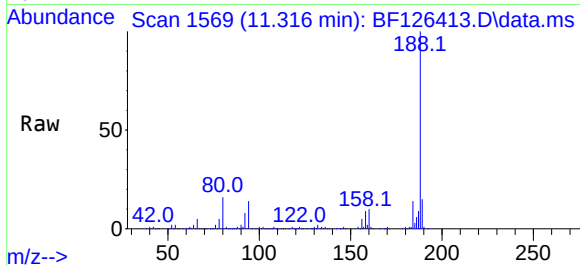




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

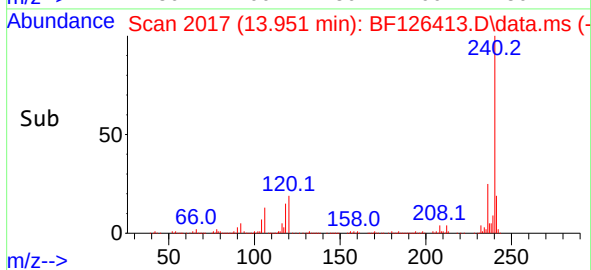
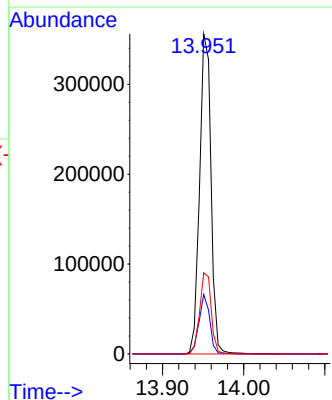
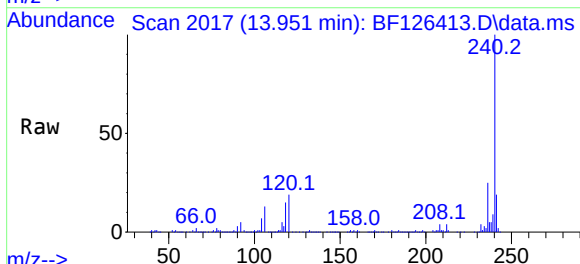
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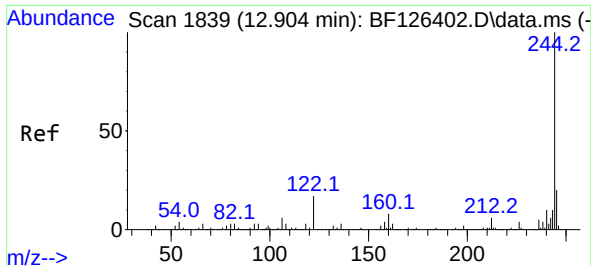
Tgt Ion:188 Resp: 514027
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.6 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF126413.D
Acq: 30 Dec 2021 11:35

Tgt Ion:240 Resp: 348859
Ion Ratio Lower Upper
240 100
120 18.6 14.4 21.6
236 25.4 20.5 30.7

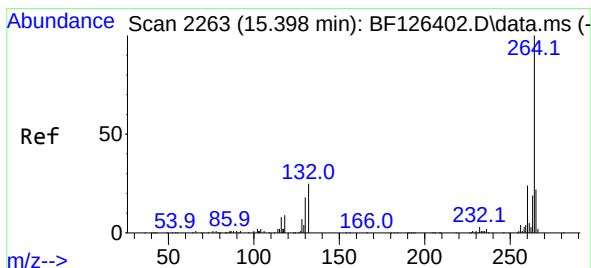
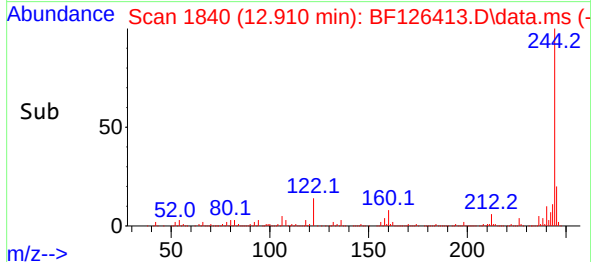
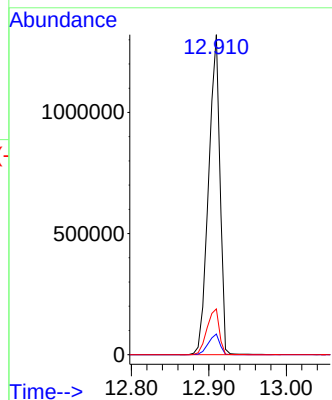
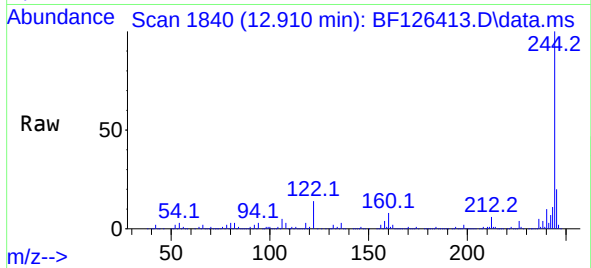




#79
 Terphenyl-d14
 Concen: 74.830 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF126413.D
 Acq: 30 Dec 2021 11:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-1D

Tgt Ion:244 Resp: 1343595
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 14.3 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: BF126413.D
 Acq: 30 Dec 2021 11:35

Tgt Ion:264 Resp: 236834
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.8 17.4 26.2

