

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126207.D
 Acq On : 16 Dec 2021 12:25
 Operator : JU/CG
 Sample : PB141409BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141409BL

Quant Time: Dec 17 03:34:29 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	206925	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	912611	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	435303	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	700430	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	439719	20.000	ng	0.00
86) Perylene-d12	15.410	264	338465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1752467	124.720	ng	0.01
7) Phenol-d6	6.440	99	2191909	122.855	ng	0.00
23) Nitrobenzene-d5	7.375	82	1462335	86.783	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	431886	123.456	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1947037	78.448	ng	0.00
79) Terphenyl-d14	12.927	244	1820564	71.963	ng	0.00

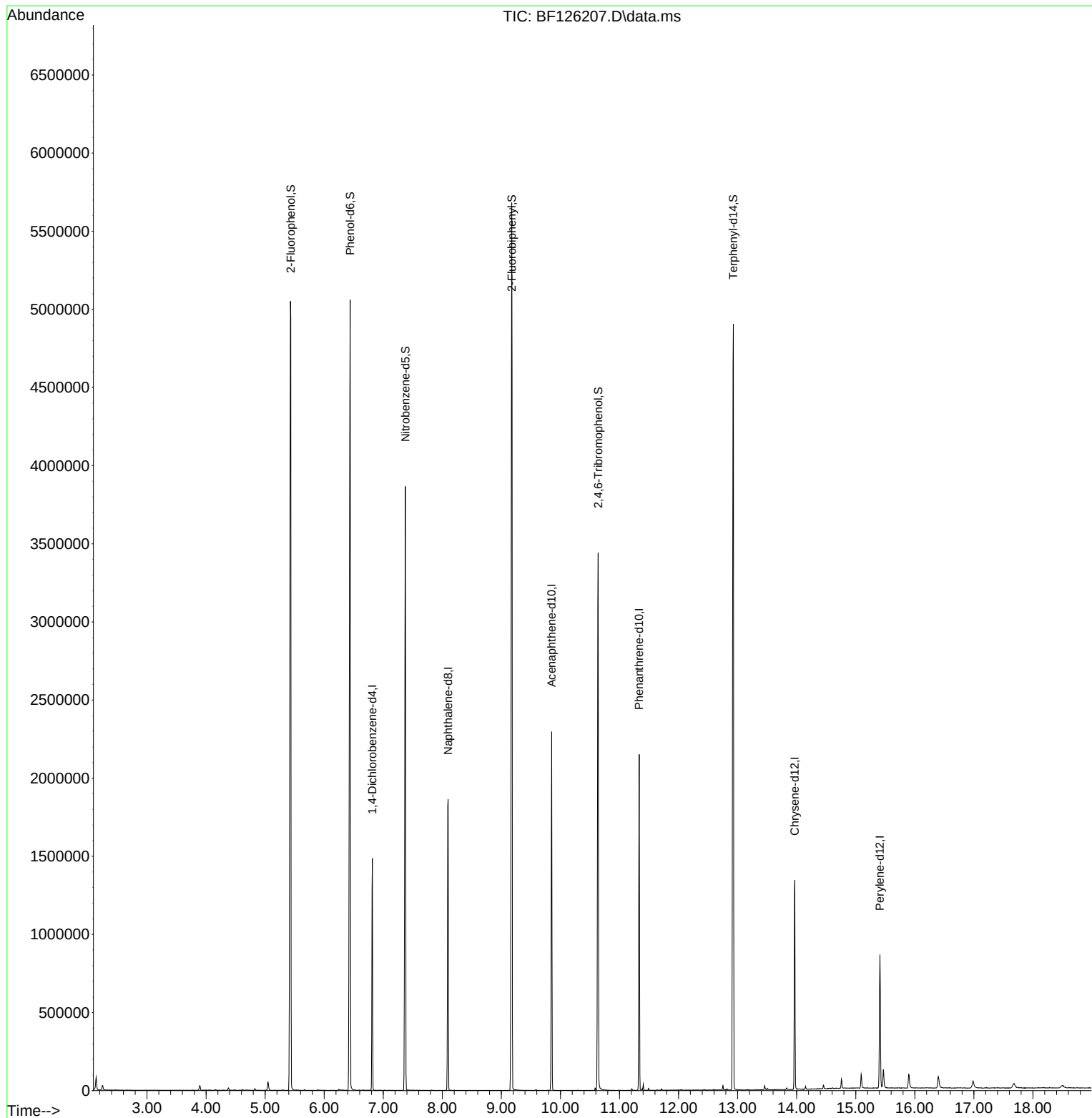
Target Compounds	Qvalue

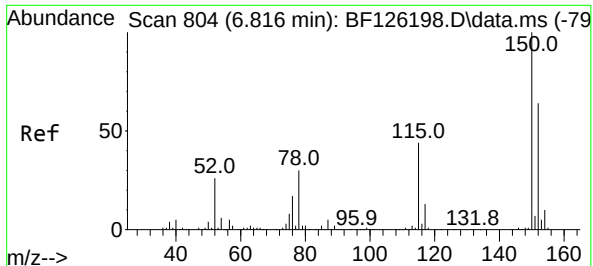
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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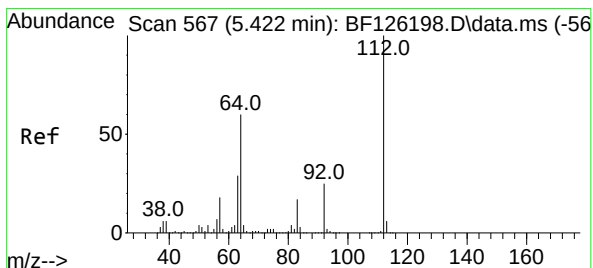
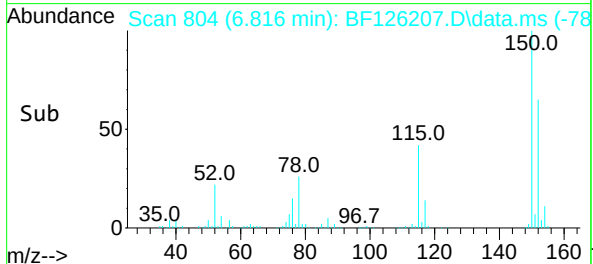
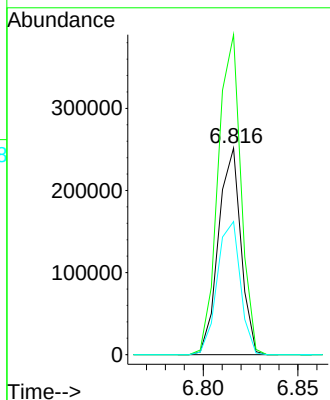
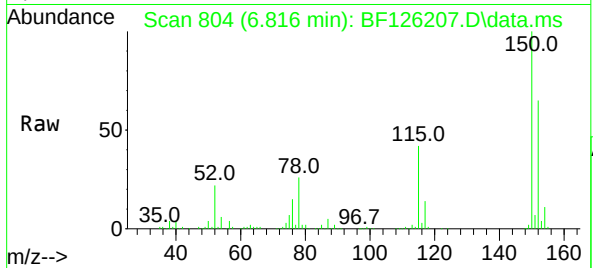




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25

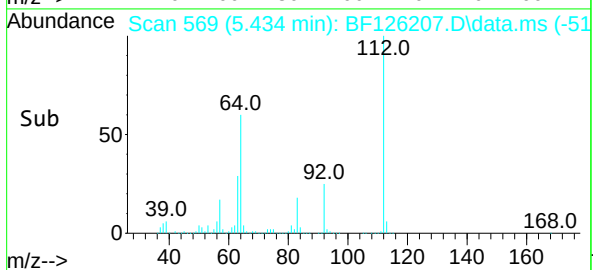
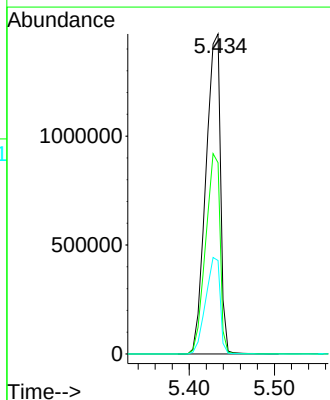
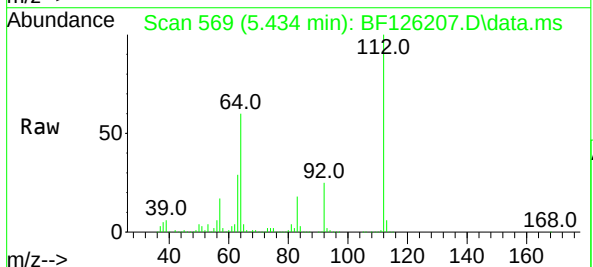
Instrument :
BNA_F
ClientSampleId :
PB141409BL

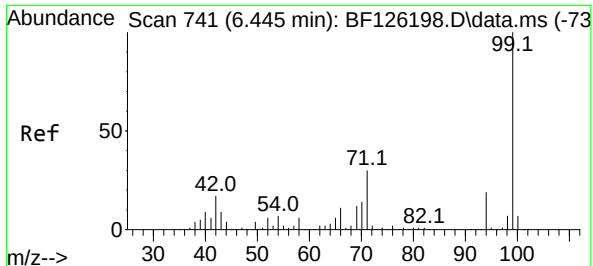
Tgt Ion:152 Resp: 206925
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 124.720 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25

Tgt Ion:112 Resp: 1752467
Ion Ratio Lower Upper
112 100
64 59.7 44.2 66.2
63 29.2 26.2 39.2

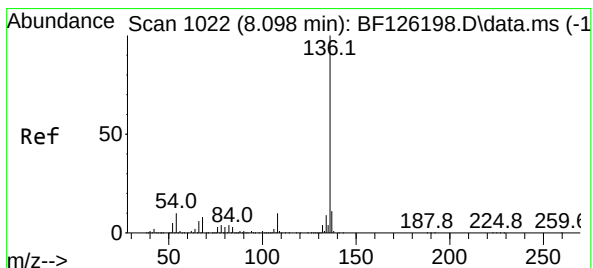
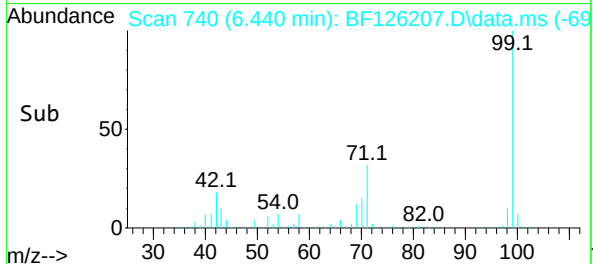
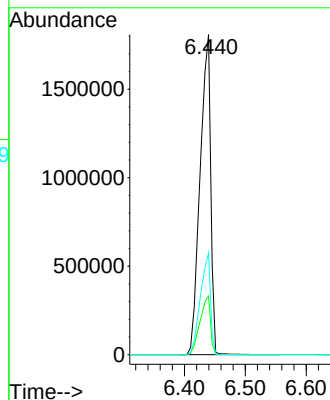
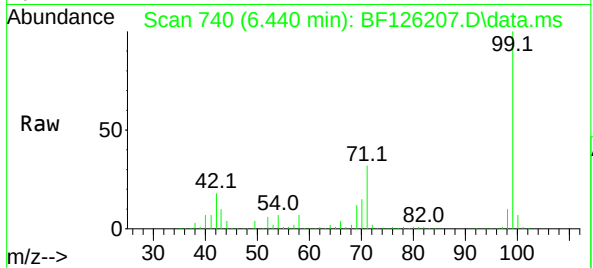




#7
Phenol-d6
Concen: 122.855 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25

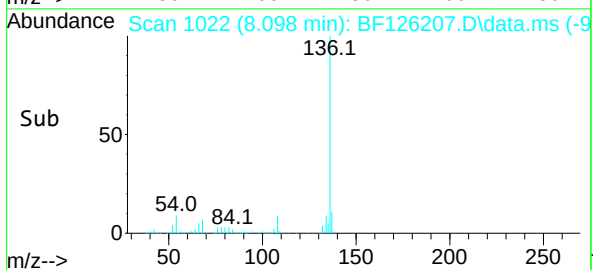
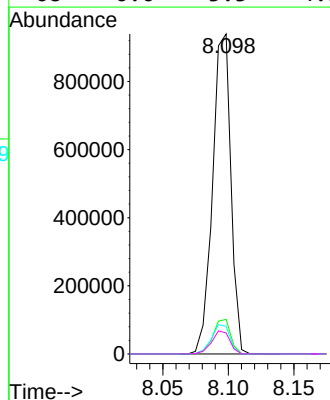
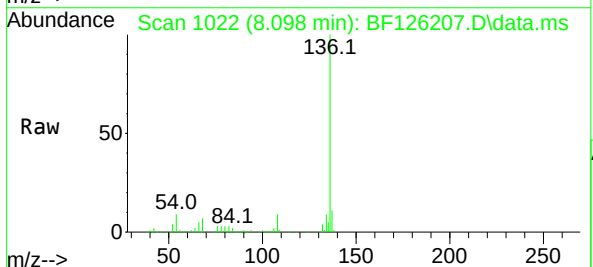
Instrument :
BNA_F
ClientSampleId :
PB141409BL

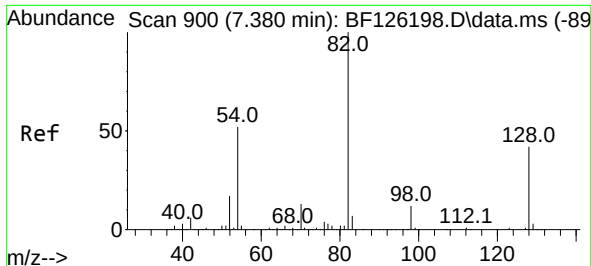
Tgt Ion: 99 Resp: 2191909
Ion Ratio Lower Upper
99 100
42 18.3 23.5 35.3#
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25

Tgt Ion: 136 Resp: 912611
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 8.7 6.4 9.6
68 6.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 86.783 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126207.D

Acq: 16 Dec 2021 12:25

Instrument :

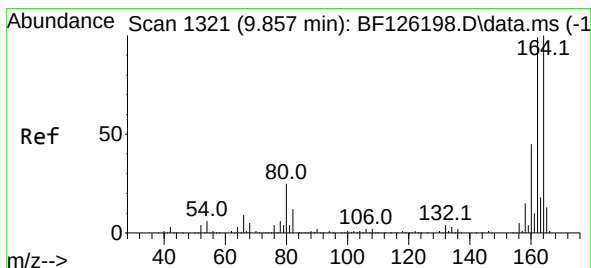
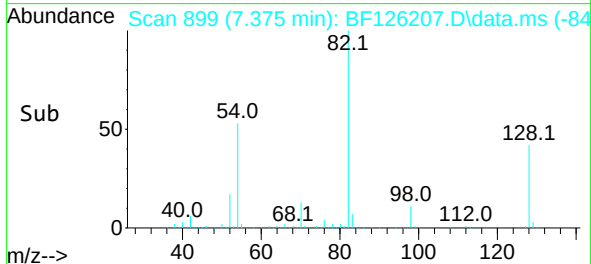
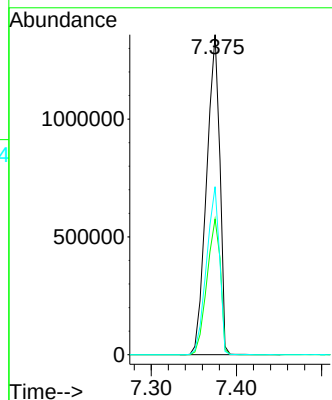
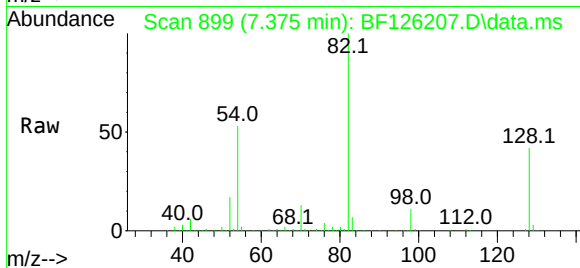
BNA_F

ClientSampleId :

PB141409BL

Tgt Ion: 82 Resp: 1462335

Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	60.8
54	52.5	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

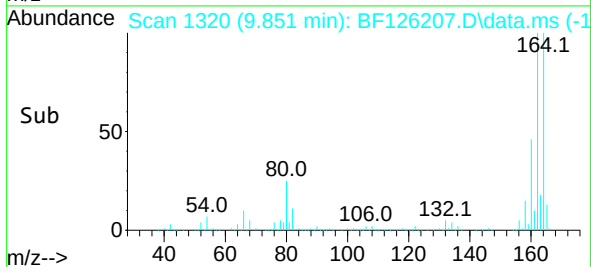
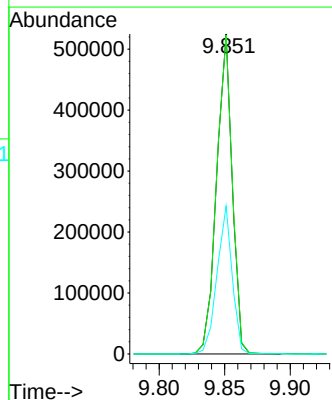
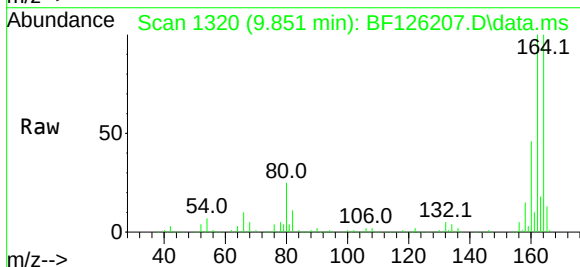
Delta R.T. -0.006 min

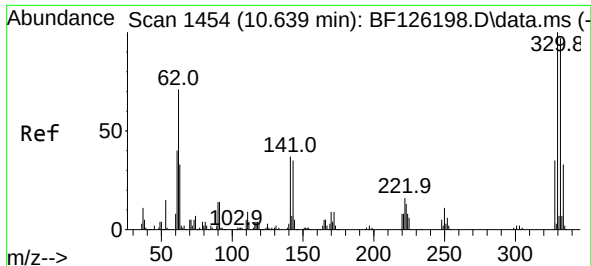
Lab File: BF126207.D

Acq: 16 Dec 2021 12:25

Tgt Ion:164 Resp: 435303

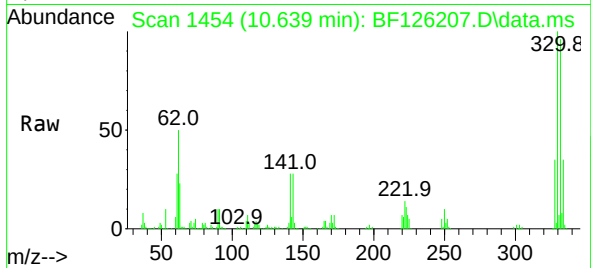
Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.3	121.9
160	46.2	38.0	57.0



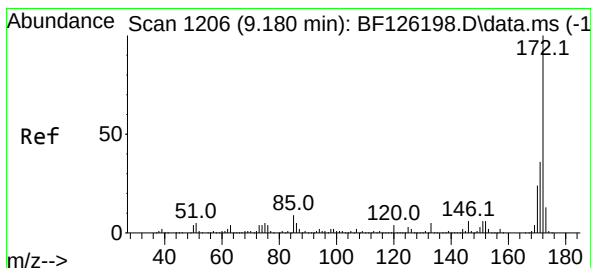
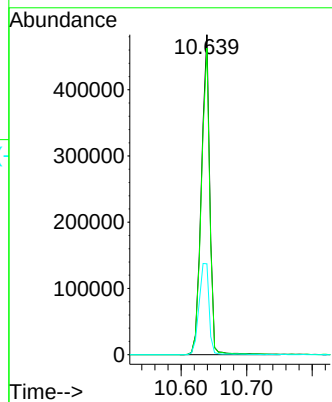
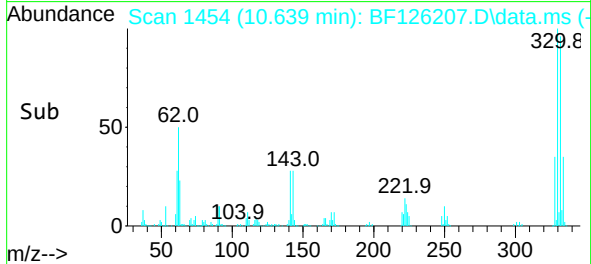


#42
2,4,6-Tribromophenol
Concen: 123.456 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25

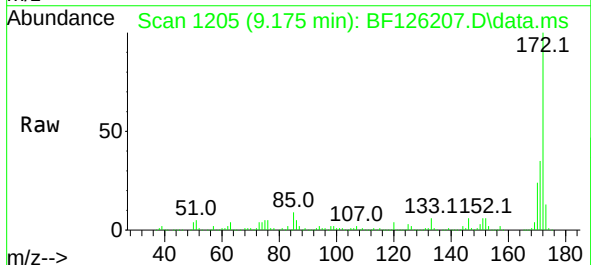
Instrument :
BNA_F
ClientSampleId :
PB141409BL



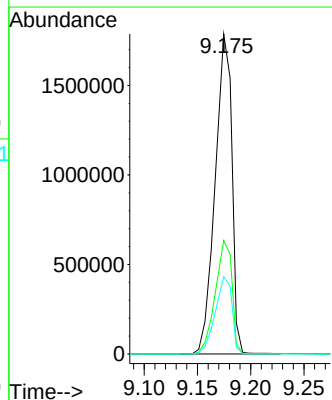
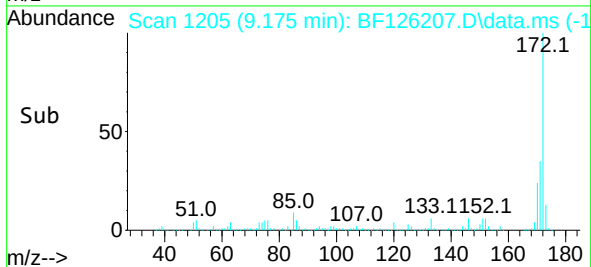
Tgt Ion:330 Resp: 431886
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.1 44.6 66.8#

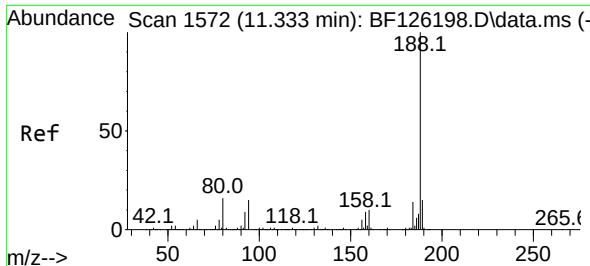


#45
2-Fluorobiphenyl
Concen: 78.448 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25



Tgt Ion:172 Resp: 1947037
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.2 18.8 28.2

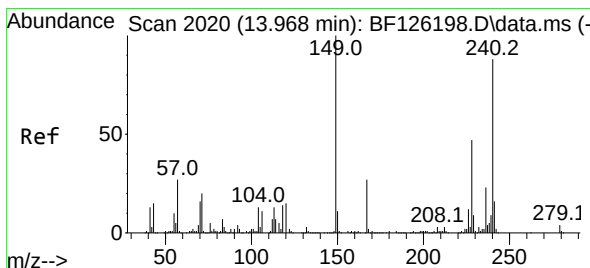
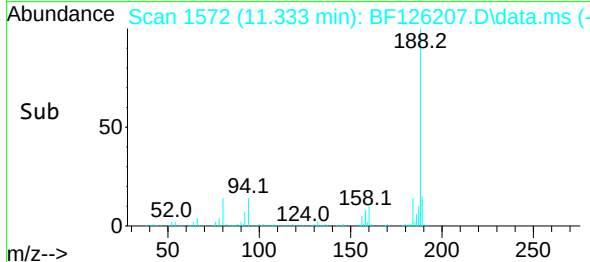
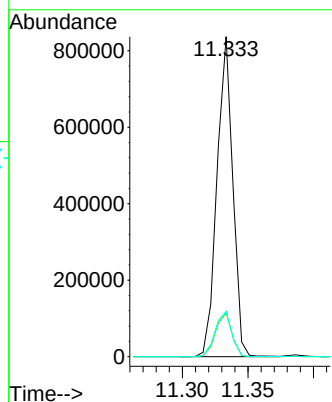
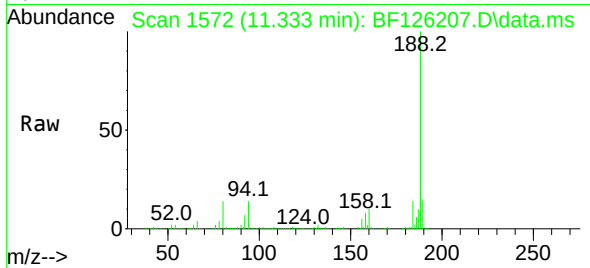




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25

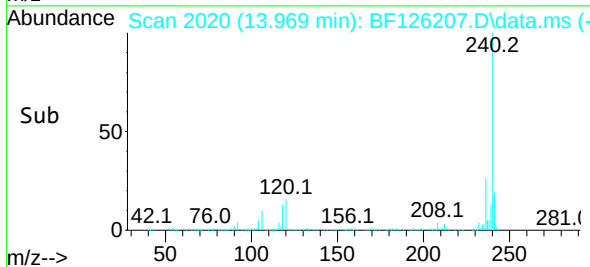
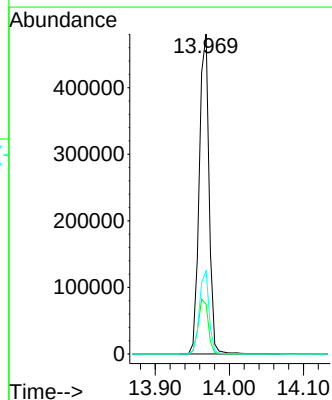
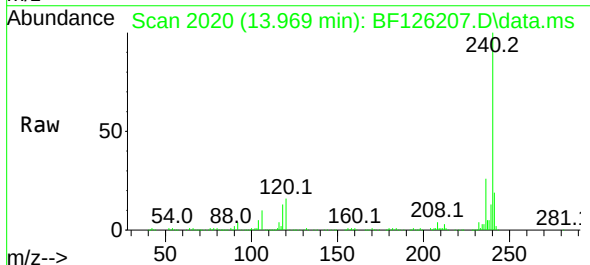
Instrument :
BNA_F
ClientSampleId :
PB141409BL

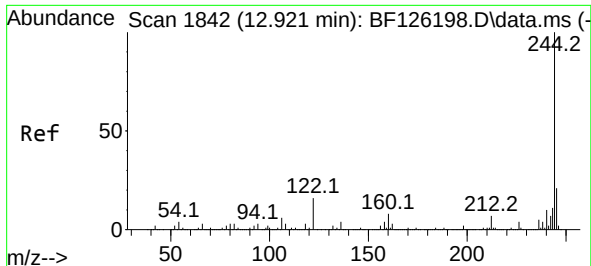
Tgt Ion:188 Resp: 700430
Ion Ratio Lower Upper
188 100
94 13.8 6.7 10.1#
80 14.2 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 12:25

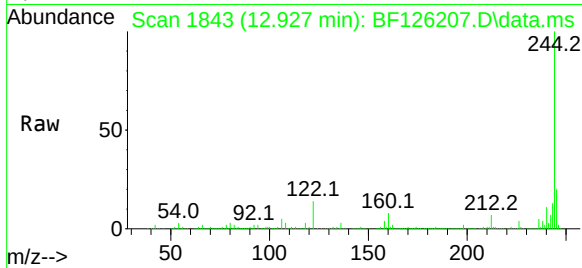
Tgt Ion:240 Resp: 439719
Ion Ratio Lower Upper
240 100
120 15.5 10.8 16.2
236 26.0 21.6 32.4



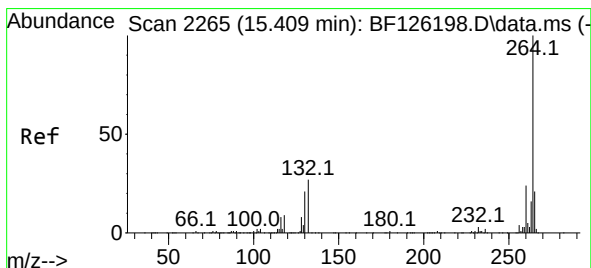
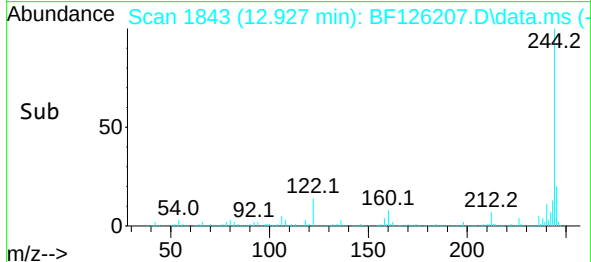
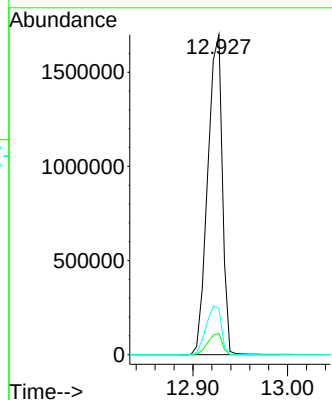


#79
 Terphenyl-d14
 Concen: 71.963 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF126207.D
 Acq: 16 Dec 2021 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB141409BL



Tgt Ion:244 Resp: 1820564
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 14.4 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126207.D
 Acq: 16 Dec 2021 12:25

Tgt Ion:264 Resp: 338465
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.4 17.2 25.8

