

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126209.D
 Acq On : 16 Dec 2021 13:41
 Operator : JU/CG
 Sample : M4919-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDR-MW-4-20211202-A

Quant Time: Dec 16 14:06:01 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	190372	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	820840	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	404016	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	685349	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	380017	20.000	ng	0.00
86) Perylene-d12	15.410	264	343199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	895718	69.290	ng	0.00
7) Phenol-d6	6.428	99	722088	43.992	ng	-0.02
23) Nitrobenzene-d5	7.375	82	1414089	93.302	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	470189	144.814	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1874700	81.383	ng	0.00
79) Terphenyl-d14	12.927	244	1659452	75.900	ng	0.00

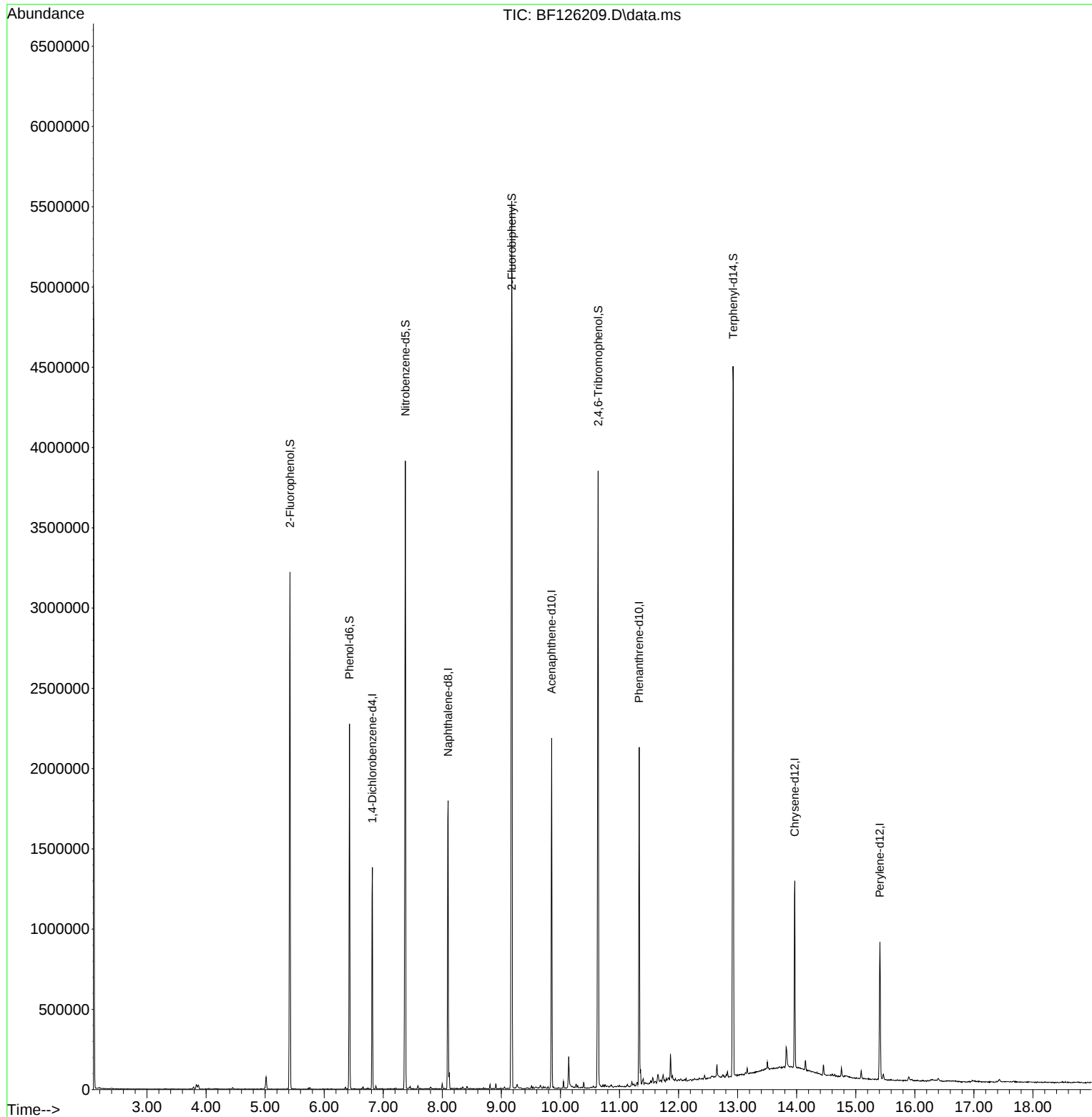
Target Compounds	Qvalue

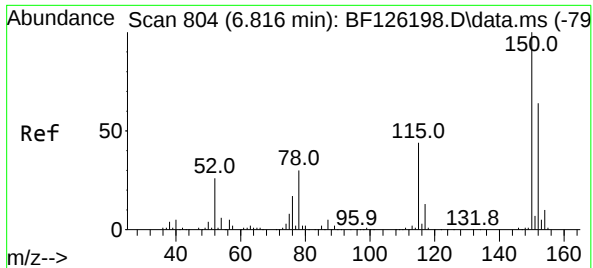
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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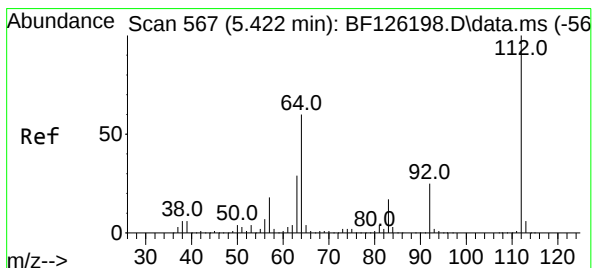
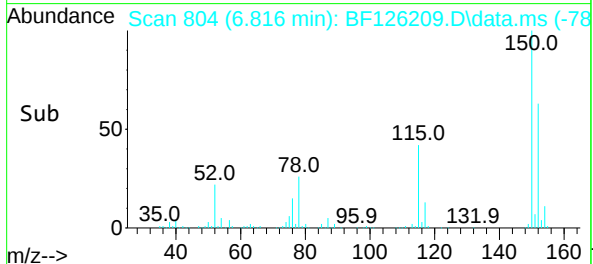
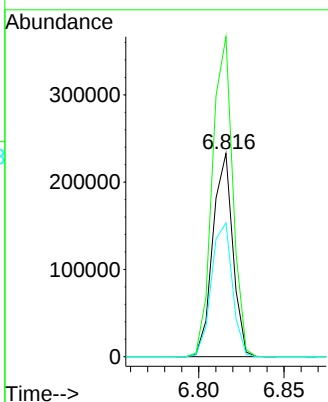
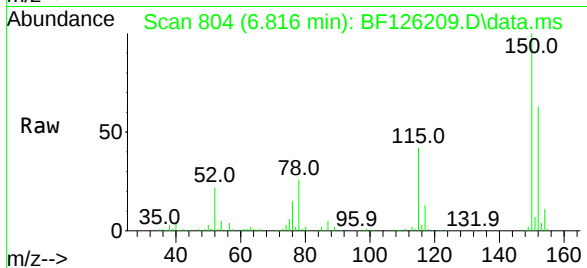




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

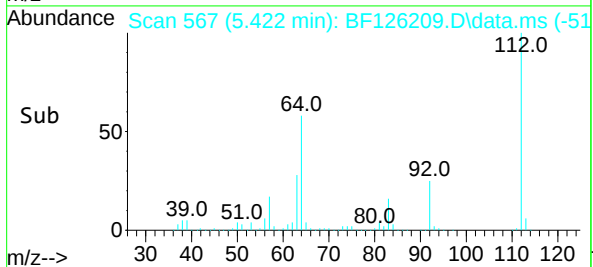
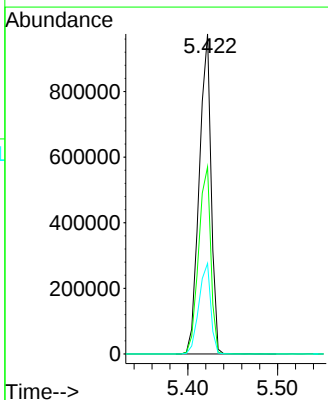
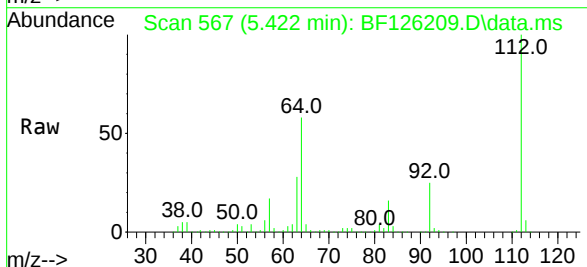
Instrument :
BNA_F
ClientSampleId :
FDR-MW-4-20211202-A

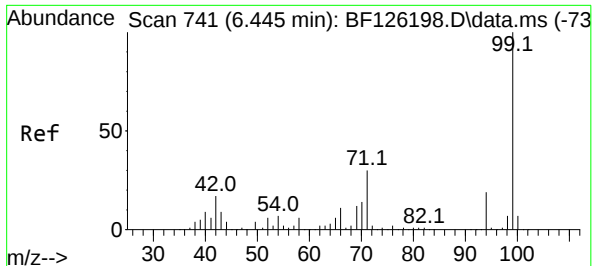
Tgt Ion:152 Resp: 190372
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 65.7 47.1 70.7



#5
2-Fluorophenol
Concen: 69.290 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

Tgt Ion:112 Resp: 895718
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 28.3 26.2 39.2

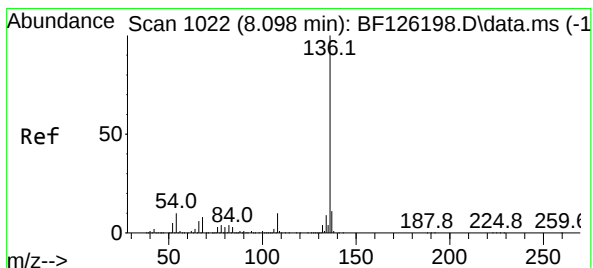
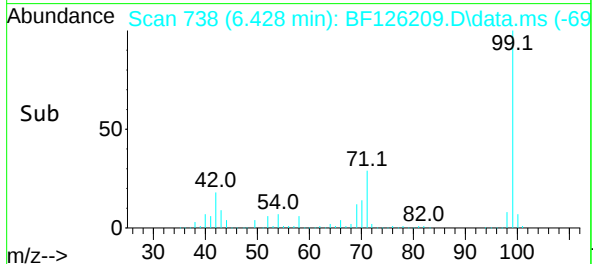
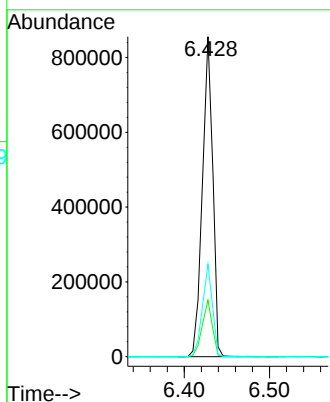
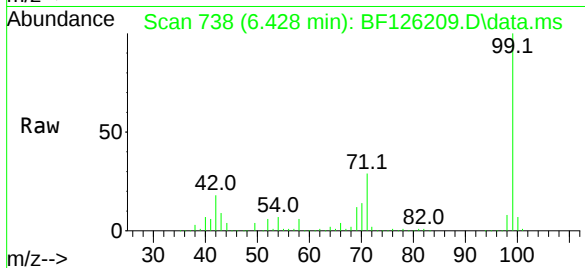




#7
Phenol-d6
Concen: 43.992 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

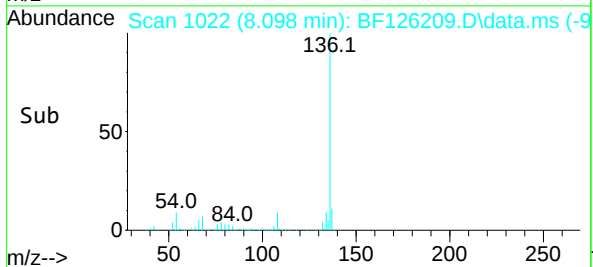
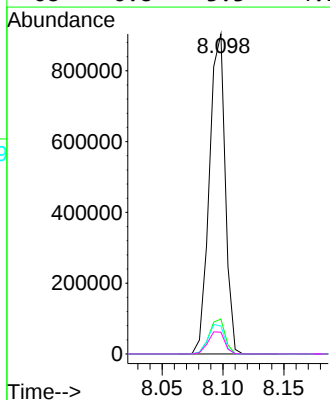
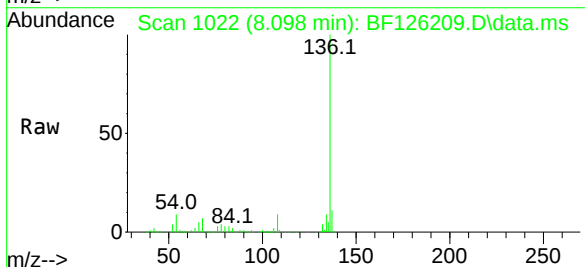
Instrument :
BNA_F
ClientSampleId :
FDR-MW-4-20211202-A

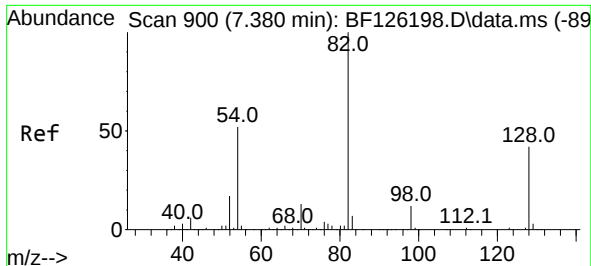
Tgt Ion: 99 Resp: 722088
Ion Ratio Lower Upper
99 100
42 17.6 23.5 35.3#
71 28.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

Tgt Ion: 136 Resp: 820840
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.8 6.4 9.6
68 6.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 93.302 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126209.D

Acq: 16 Dec 2021 13:41

Instrument :

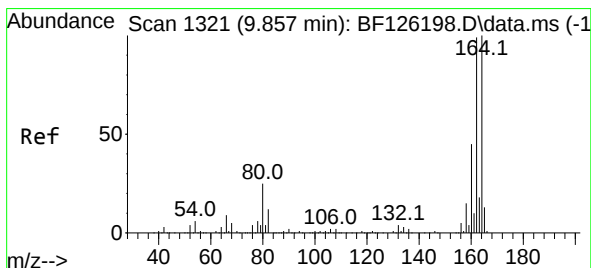
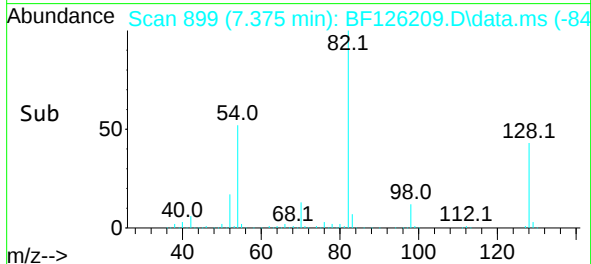
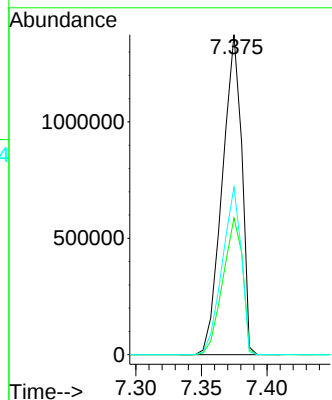
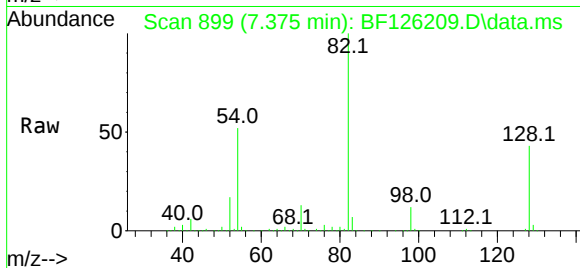
BNA_F

ClientSampleId :

FDR-MW-4-20211202-A

Tgt Ion: 82 Resp: 1414089

Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.6	60.8
54	52.4	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

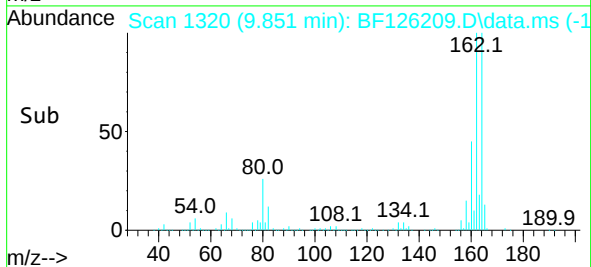
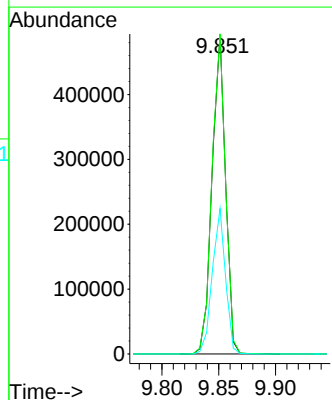
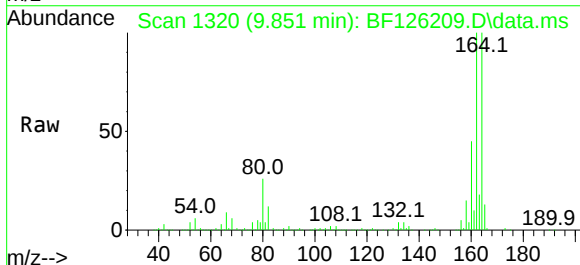
Delta R.T. -0.006 min

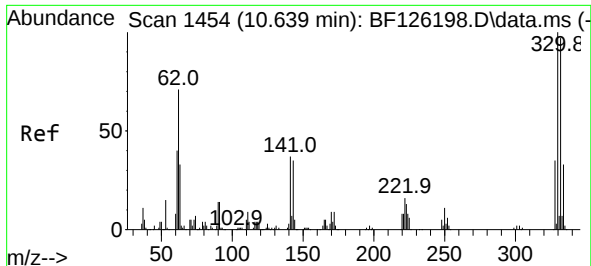
Lab File: BF126209.D

Acq: 16 Dec 2021 13:41

Tgt Ion:164 Resp: 404016

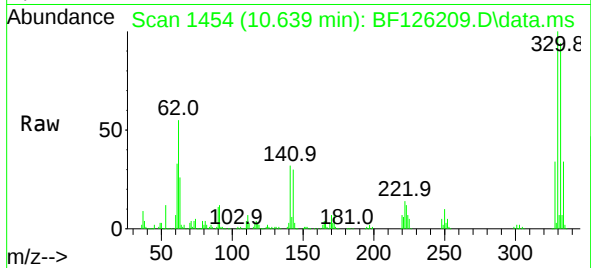
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	45.5	38.0	57.0



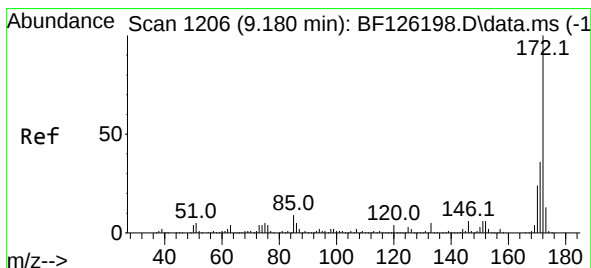
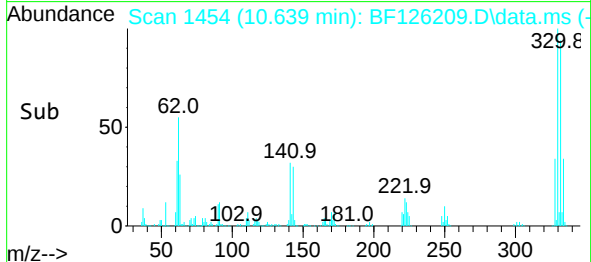
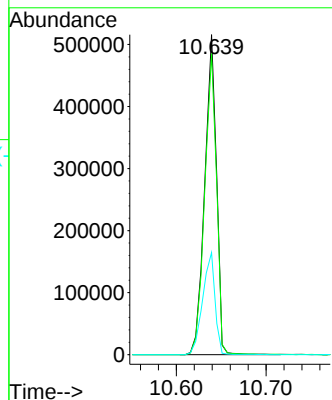


#42
2,4,6-Tribromophenol
Concen: 144.814 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

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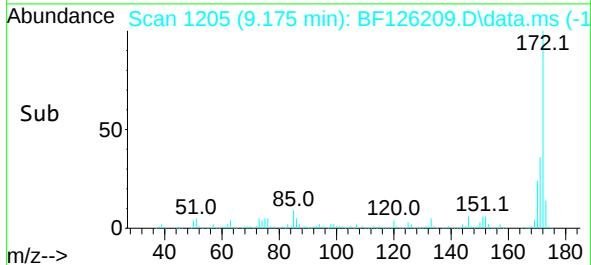
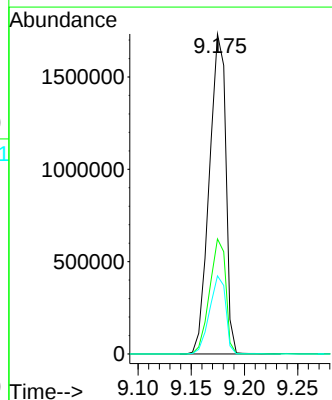
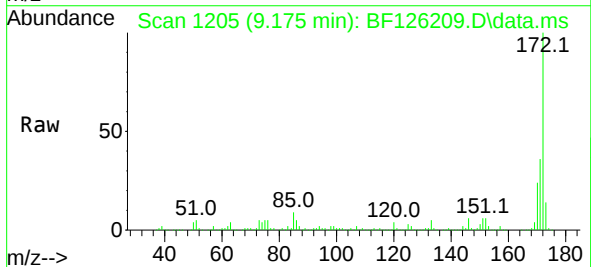


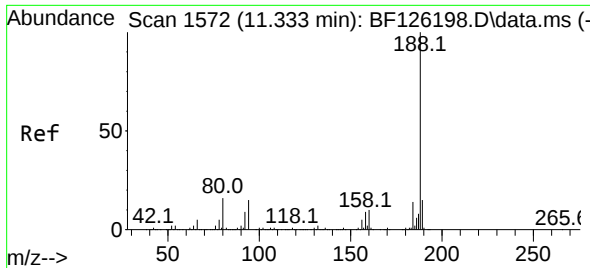
Tgt Ion:330 Resp: 470189
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 33.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.383 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

Tgt Ion:172 Resp: 1874700
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.4 18.8 28.2

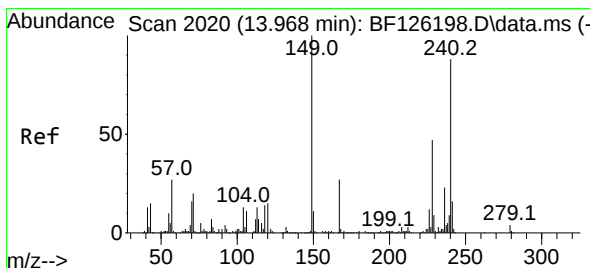
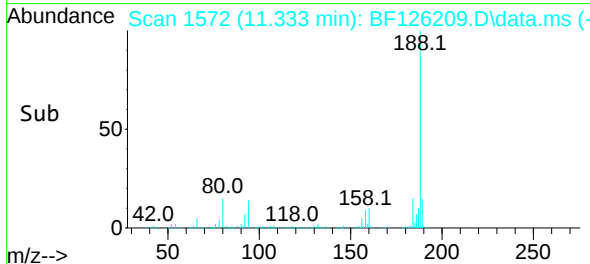
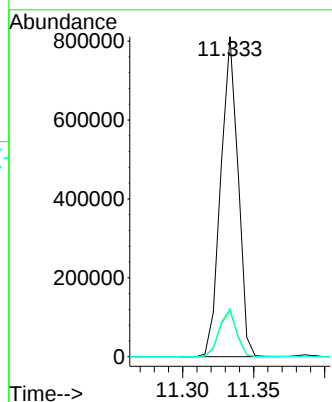
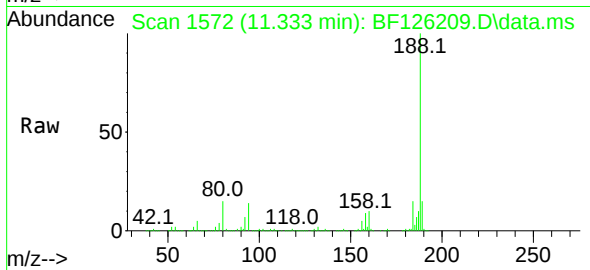




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

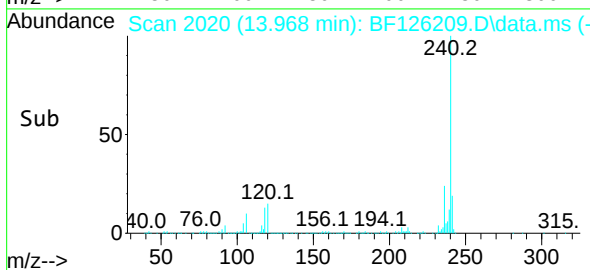
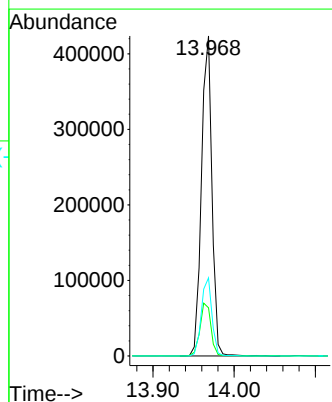
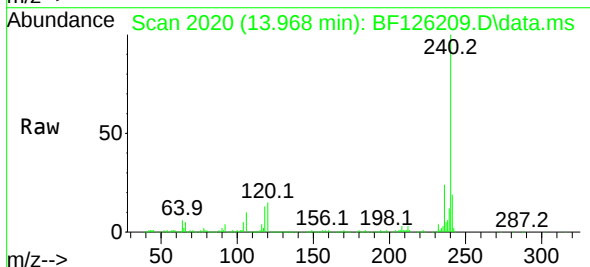
Instrument :
BNA_F
ClientSampleId :
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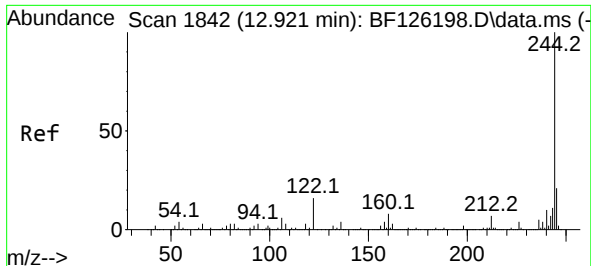
Tgt Ion:188 Resp: 685349
Ion Ratio Lower Upper
188 100
94 14.3 6.7 10.1#
80 15.0 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126209.D
Acq: 16 Dec 2021 13:41

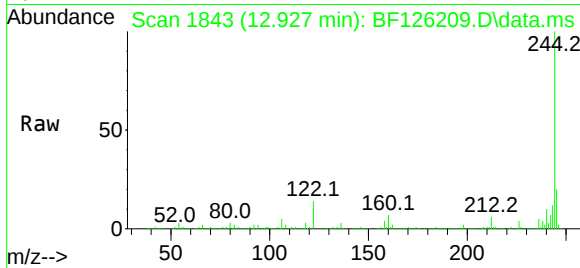
Tgt Ion:240 Resp: 380017
Ion Ratio Lower Upper
240 100
120 15.1 10.8 16.2
236 24.4 21.6 32.4



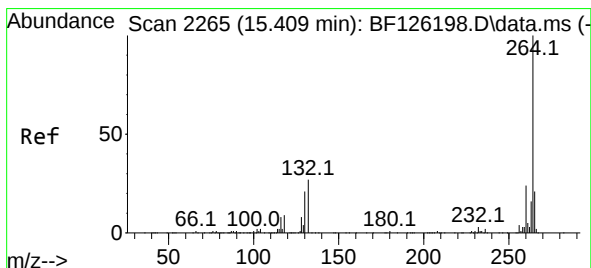
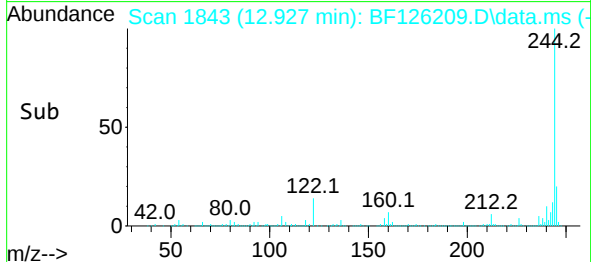
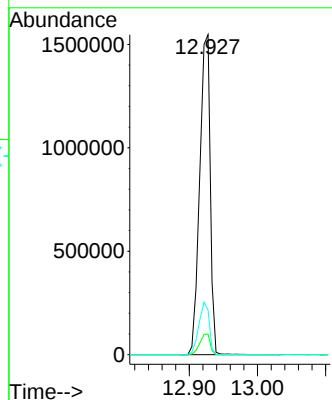


#79
 Terphenyl-d14
 Concen: 75.900 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126209.D
 Acq: 16 Dec 2021 13:41

Instrument :
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Tgt Ion:244 Resp: 1659452
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 13.9 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: BF126209.D
 Acq: 16 Dec 2021 13:41

Tgt Ion:264 Resp: 343199
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.1 17.2 25.8

