

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126219.D
 Acq On : 16 Dec 2021 19:12
 Operator : JU/CG
 Sample : M4812-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SETTLING-TANK-01RE

Quant Time: Dec 17 01:47:26 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)

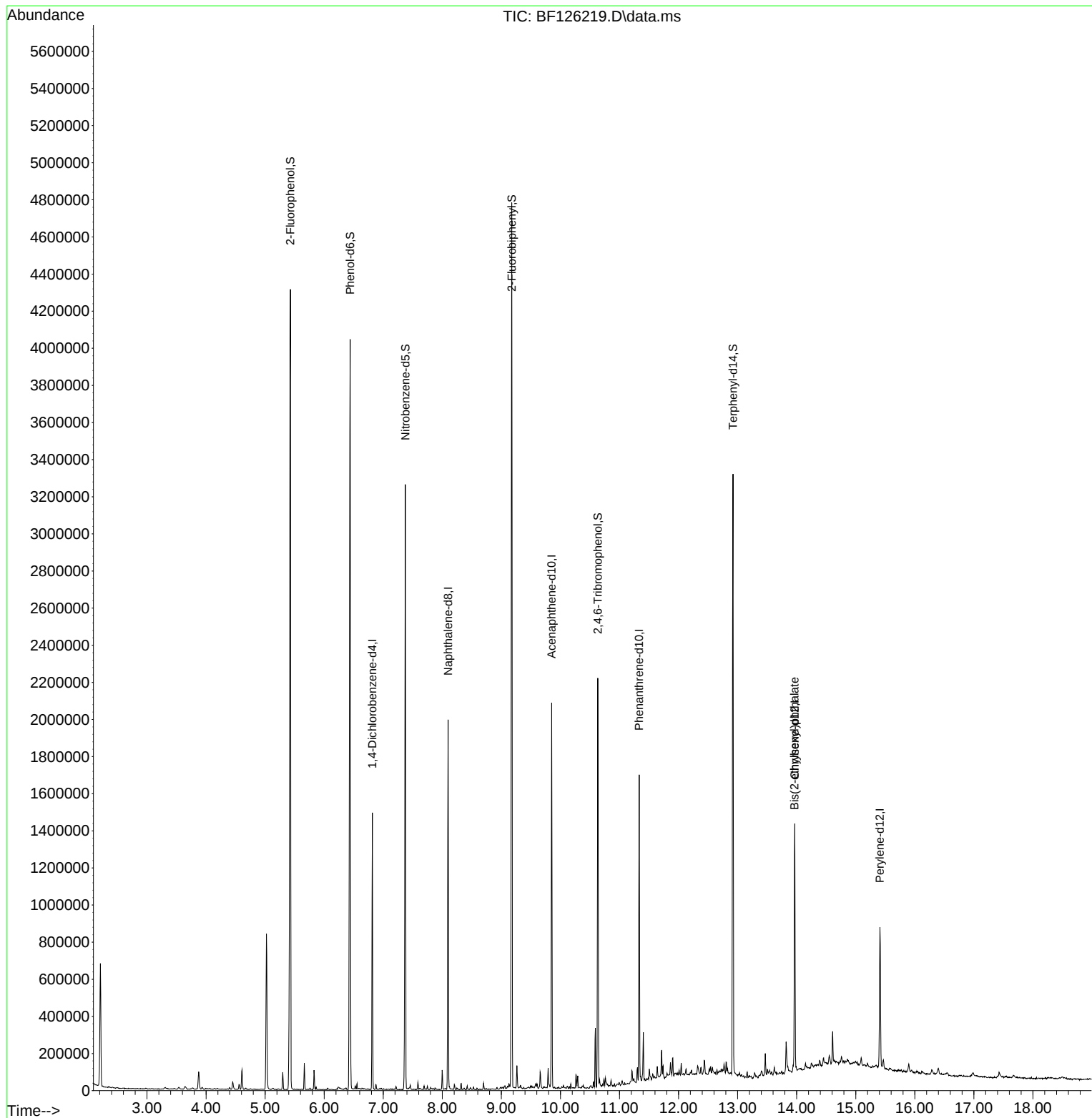
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	193208	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	829151	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	376721	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	530302	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	366603	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	299941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1272767	97.011	ng	0.00
7) Phenol-d6	6.439	99	1685327	101.168	ng	0.00
23) Nitrobenzene-d5	7.375	82	1053013	68.782	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	231258	76.386	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1389961	64.712	ng	0.00
79) Terphenyl-d14	12.921	244	1004151	47.608	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.962	149	56388	3.184	ng	Qvalue 97

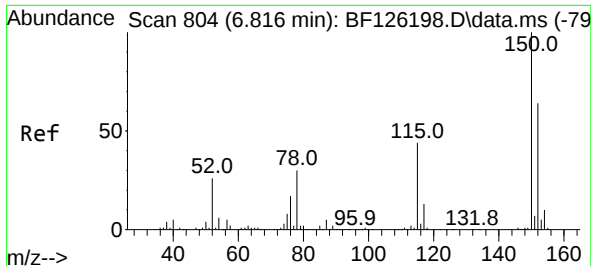
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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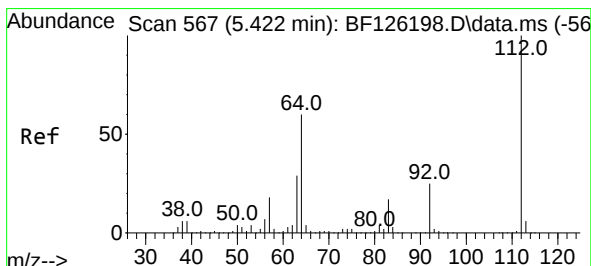
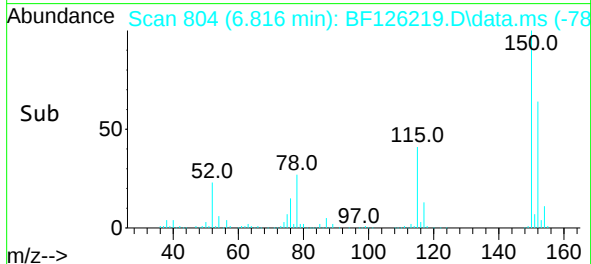
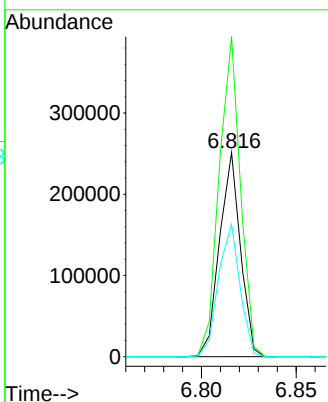
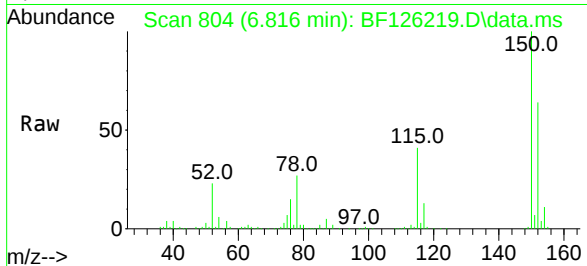




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

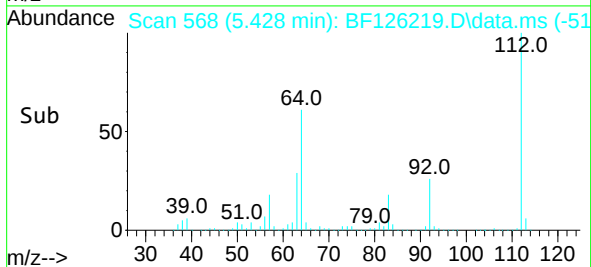
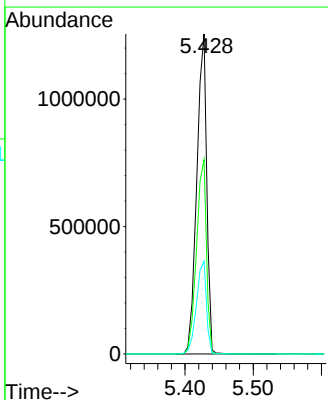
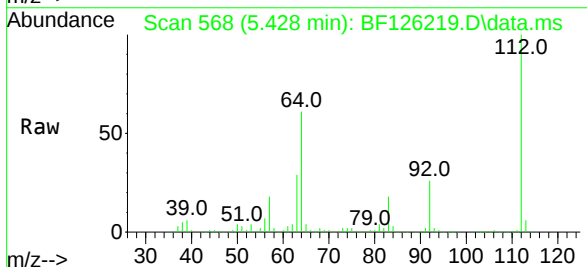
Instrument :
BNA_F
ClientSampleId :
SETTLING-TANK-01RE

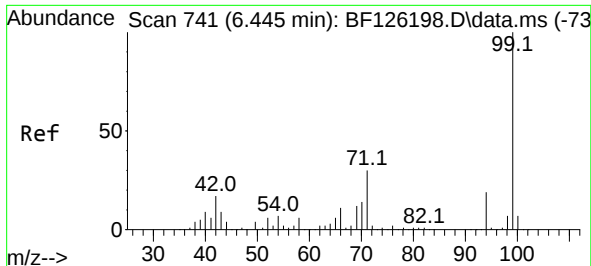
Tgt Ion:152 Resp: 193208
Ion Ratio Lower Upper
152 100
150 156.8 117.6 176.4
115 65.0 47.1 70.7



#5
2-Fluorophenol
Concen: 97.011 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

Tgt Ion:112 Resp: 1272767
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 29.0 26.2 39.2





#7

Phenol-d6

Concen: 101.168 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF126219.D

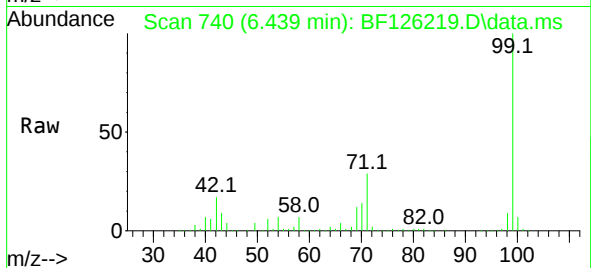
Acq: 16 Dec 2021 19:12

Instrument :

BNA_F

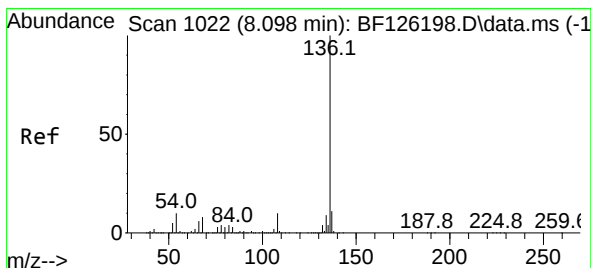
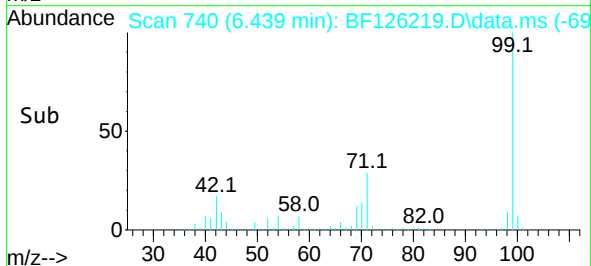
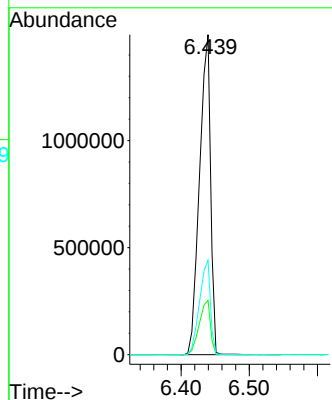
ClientSampleId :

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Tgt Ion: 99 Resp: 1685327

Ion	Ratio	Lower	Upper
99	100		
42	16.9	23.5	35.3#
71	29.5	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

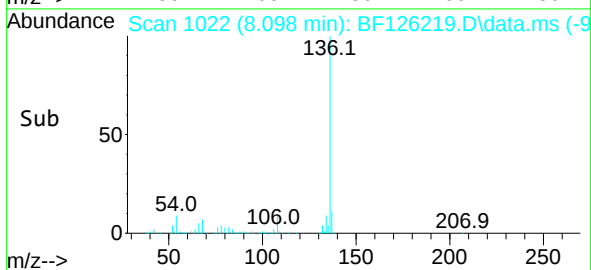
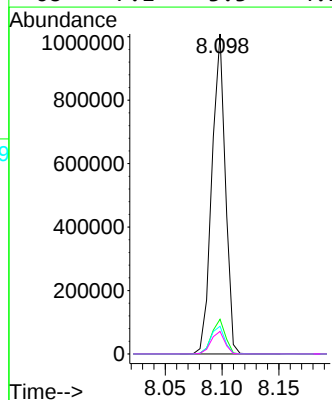
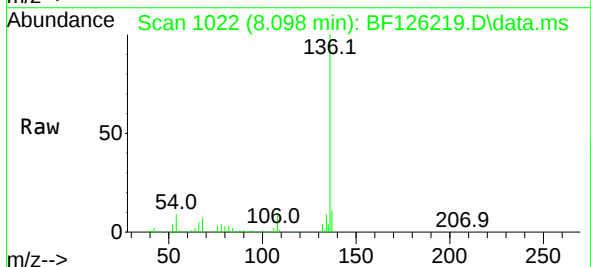
Delta R.T. 0.000 min

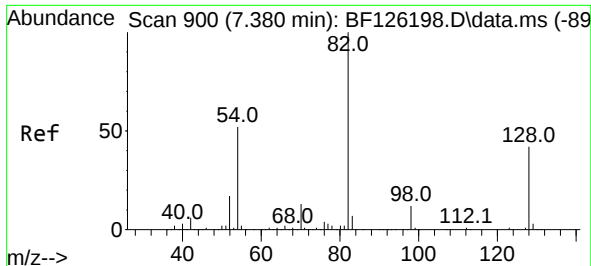
Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Tgt Ion: 136 Resp: 829151

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	8.6	6.4	9.6
68	7.1	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 68.782 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Instrument :

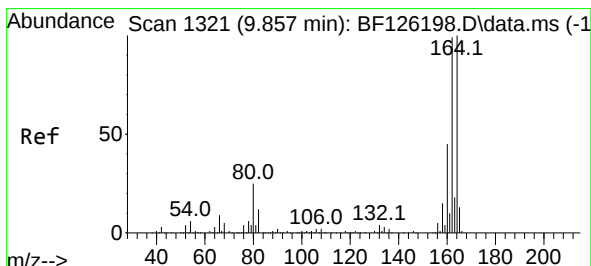
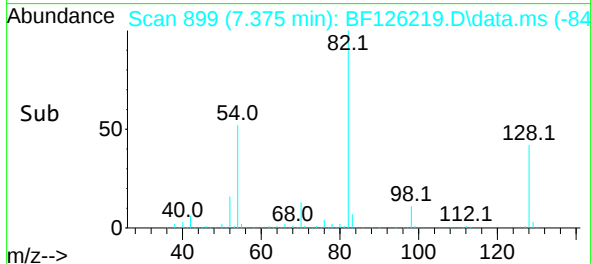
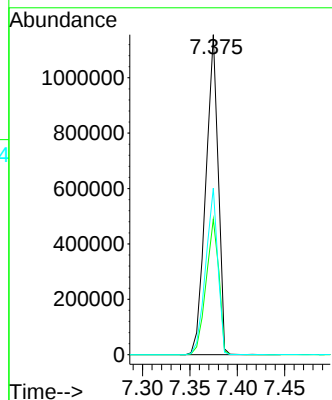
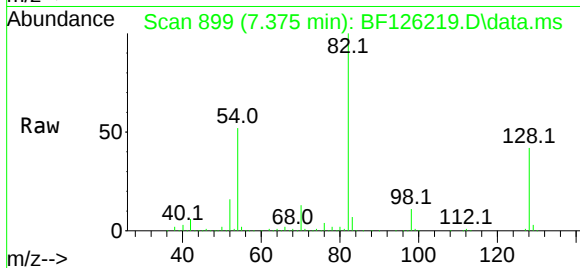
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1053013

Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	60.8
54	52.1	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

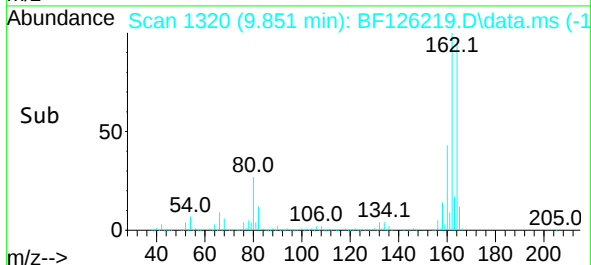
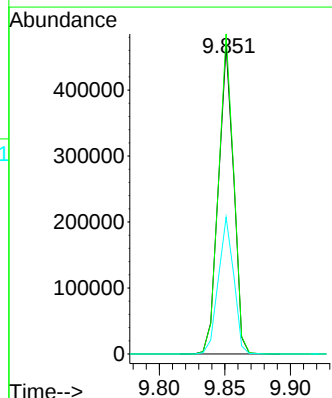
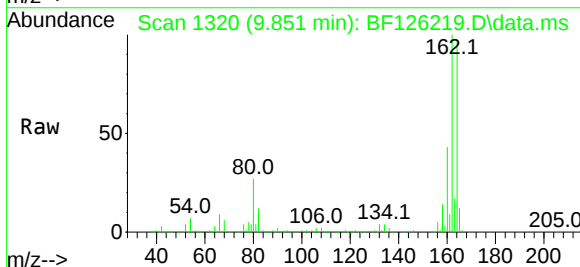
Delta R.T. -0.006 min

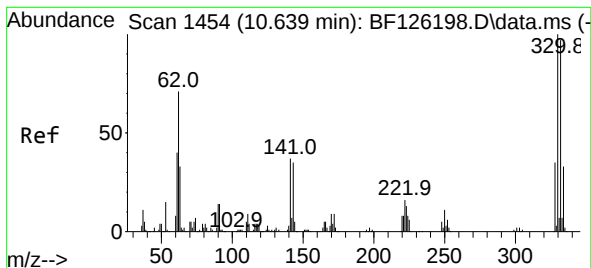
Lab File: BF126219.D

Acq: 16 Dec 2021 19:12

Tgt Ion:164 Resp: 376721

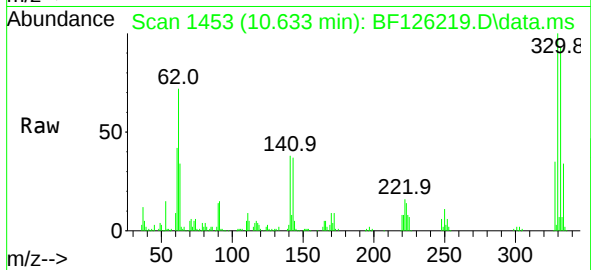
Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	44.4	38.0	57.0



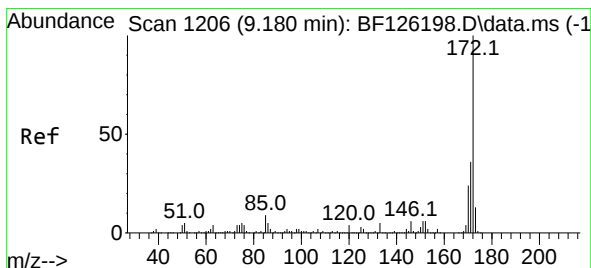
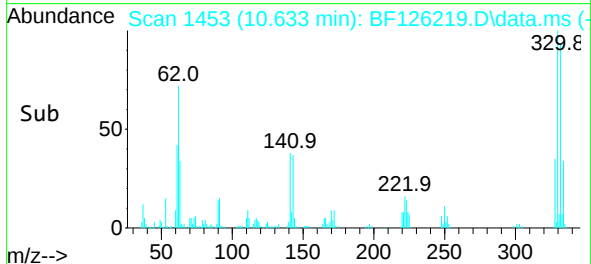
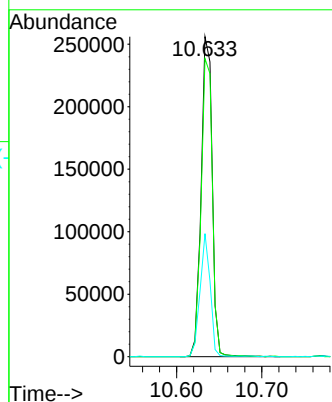


#42
2,4,6-Tribromophenol
Concen: 76.386 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

Instrument :
BNA_F
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SETTLING-TANK-01RE

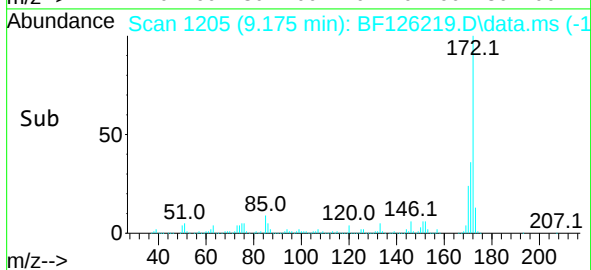
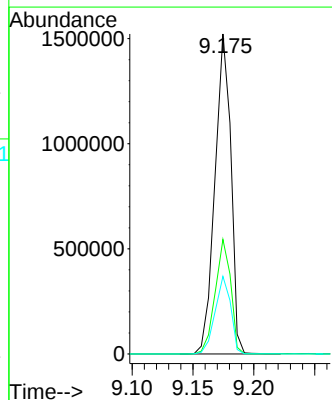
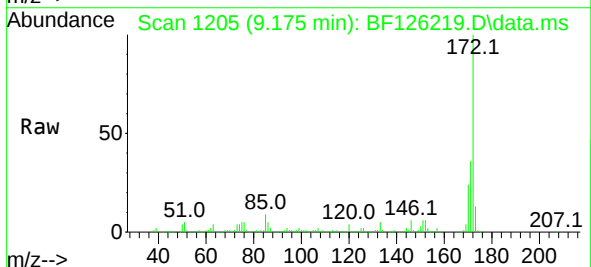


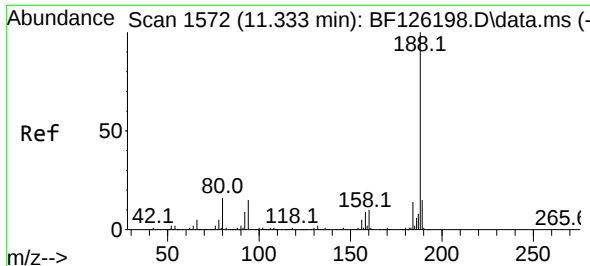
Tgt Ion:330 Resp: 231258
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 35.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 64.712 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

Tgt Ion:172 Resp: 1389961
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.2 18.8 28.2

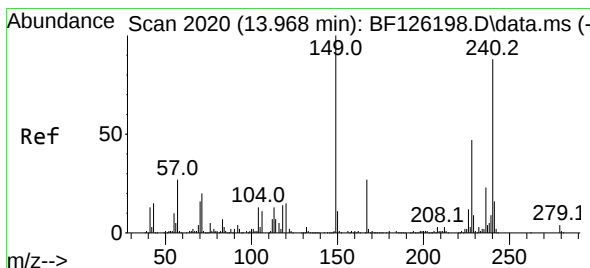
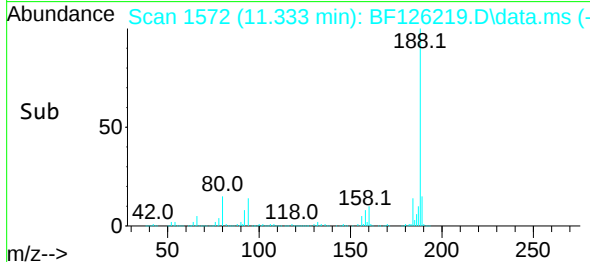
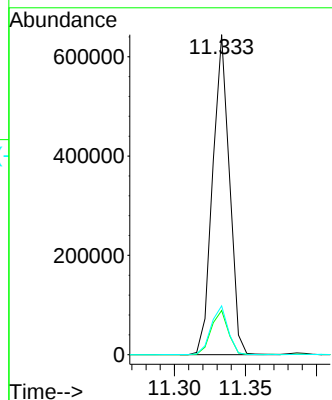
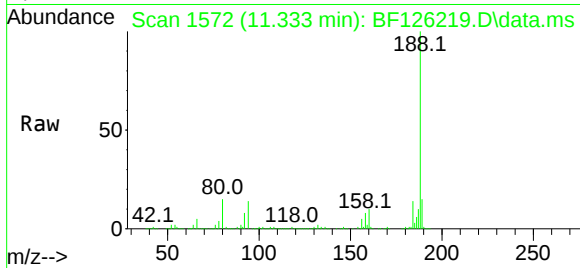




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

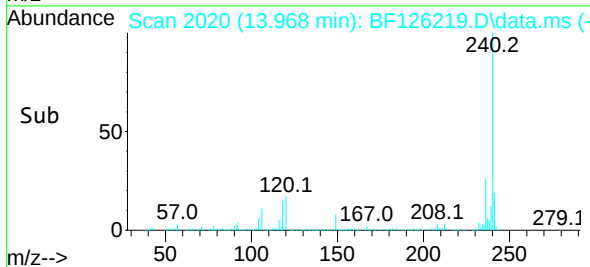
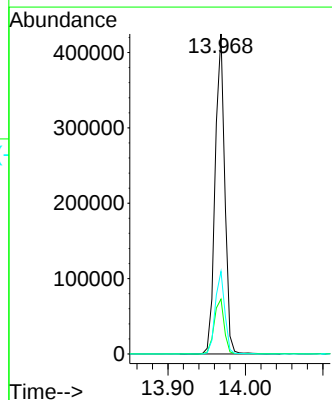
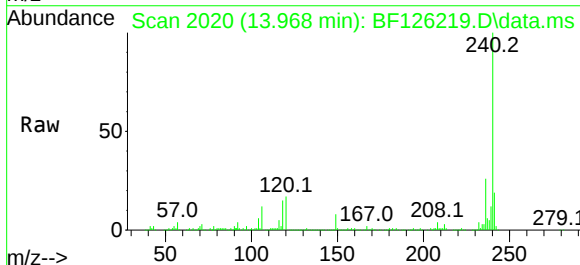
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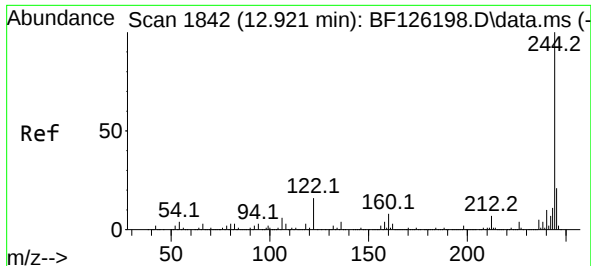
Tgt Ion:188 Resp: 530302
Ion Ratio Lower Upper
188 100
94 13.8 6.7 10.1#
80 15.2 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126219.D
Acq: 16 Dec 2021 19:12

Tgt Ion:240 Resp: 366603
Ion Ratio Lower Upper
240 100
120 17.2 10.8 16.2#
236 25.8 21.6 32.4

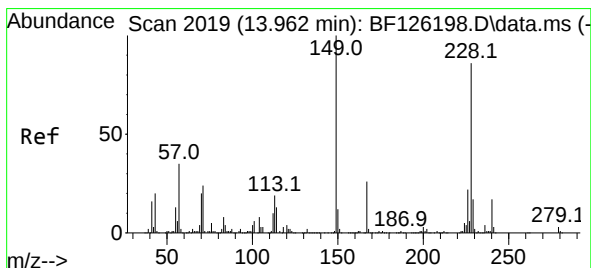
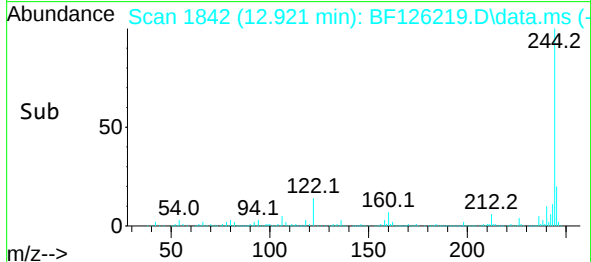
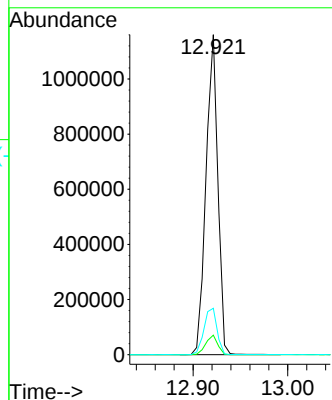
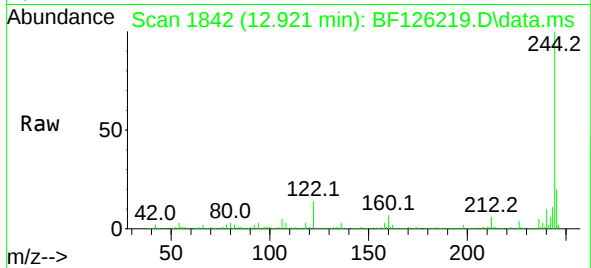




#79
 Terphenyl-d14
 Concen: 47.608 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126219.D
 Acq: 16 Dec 2021 19:12

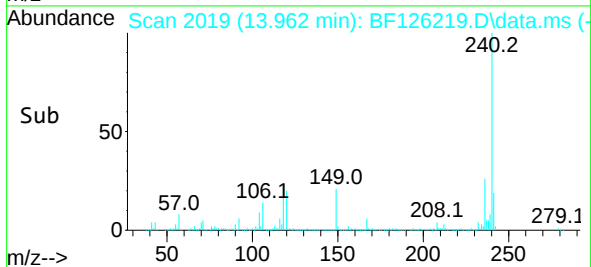
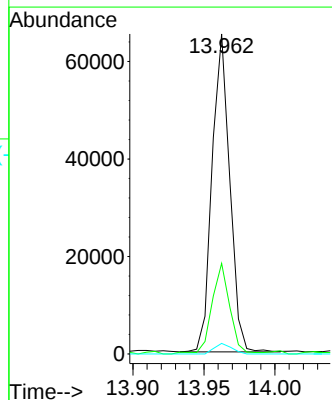
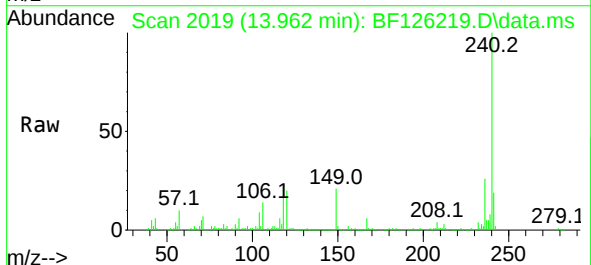
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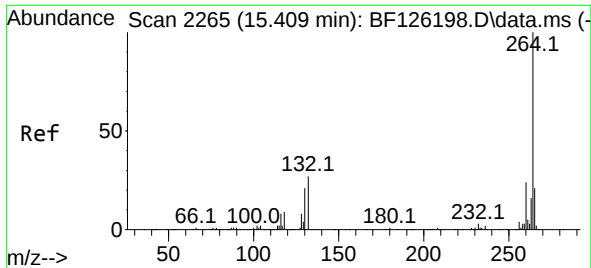
Tgt Ion:244 Resp: 1004151
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.9 8.9
 122 14.5 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.184 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF126219.D
 Acq: 16 Dec 2021 19:12

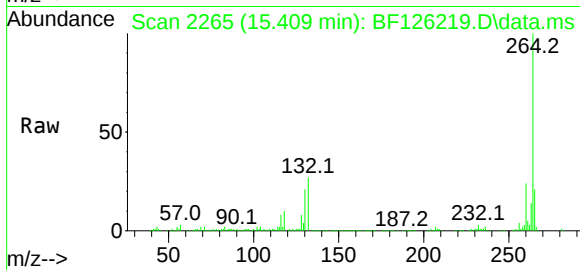
Tgt Ion:149 Resp: 56388
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.4 32.0
 279 3.3 2.6 4.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126219.D
 Acq: 16 Dec 2021 19:12

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 299941

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.8	17.2	25.8

