

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126262.D
 Acq On : 18 Dec 2021 19:20
 Operator : JU/CG
 Sample : M5079-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 338

Quant Time: Dec 20 08:03:57 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)

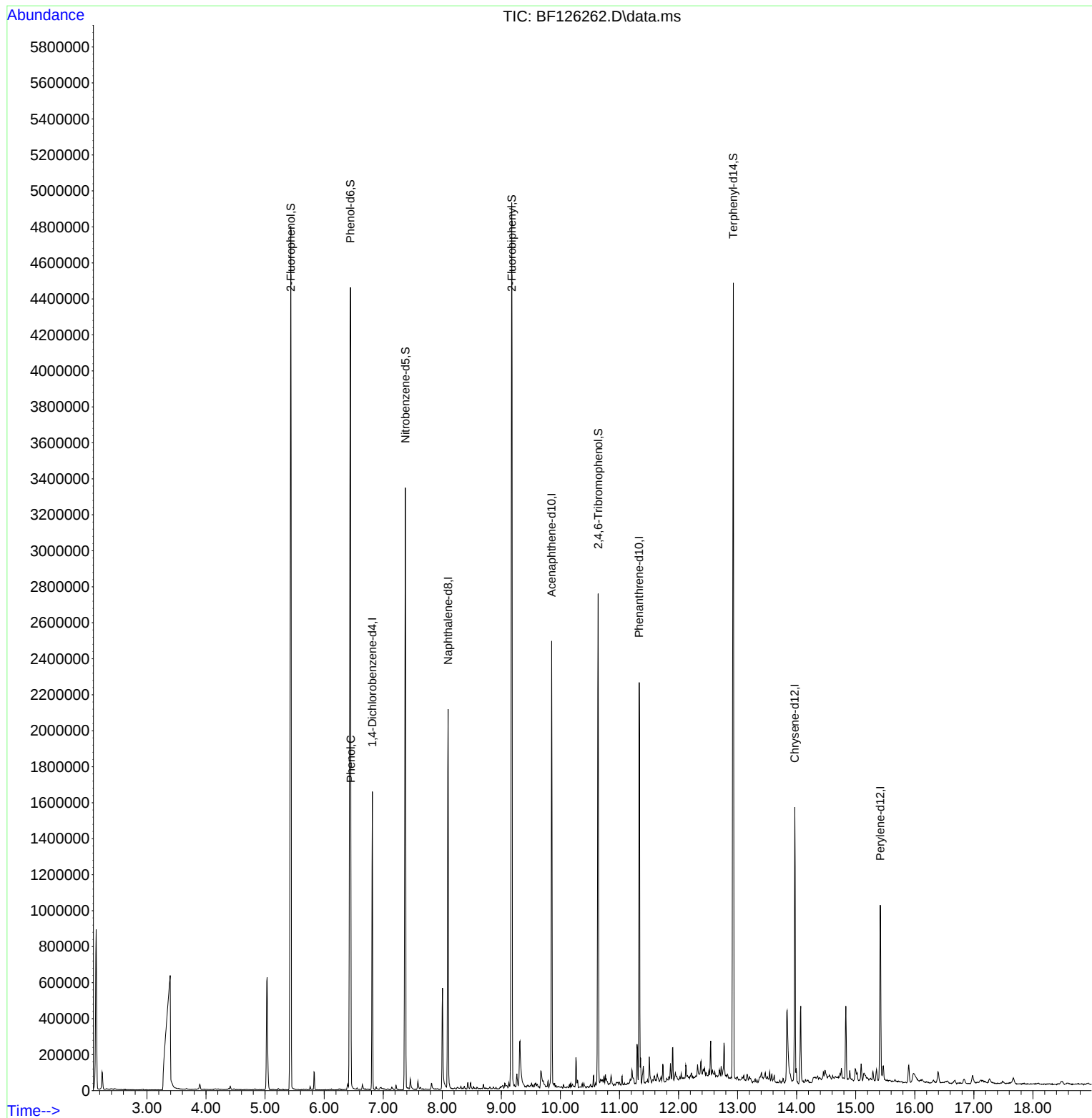
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	223465	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	992811	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	486839	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	782818	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	468552	20.000	ng	# 0.00
86) Perylene-d12	15.416	264	389902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1553703	102.390	ng	0.01
7) Phenol-d6	6.446	99	2027854	105.247	ng	0.00
23) Nitrobenzene-d5	7.375	82	1318378	71.919	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	320017	81.794	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1707613	61.518	ng	0.00
79) Terphenyl-d14	12.927	244	1581286	58.659	ng	0.00
Target Compounds						
10) Phenol	6.451	94	104149	4.815	ng	Qvalue 96

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

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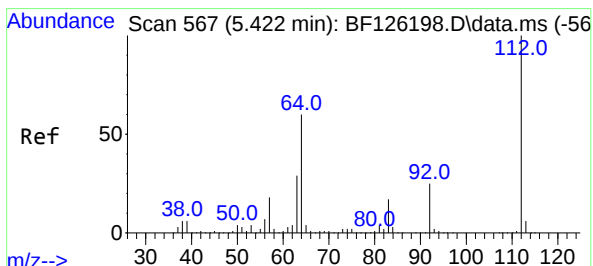
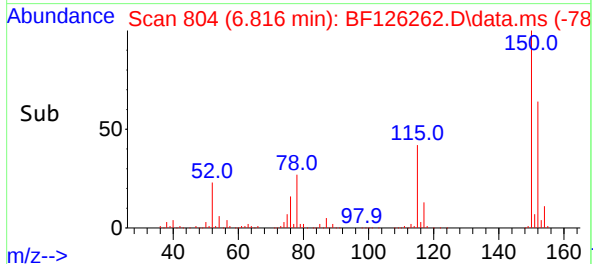
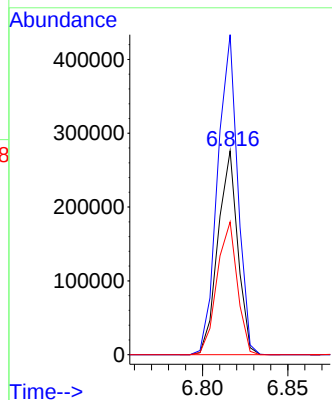
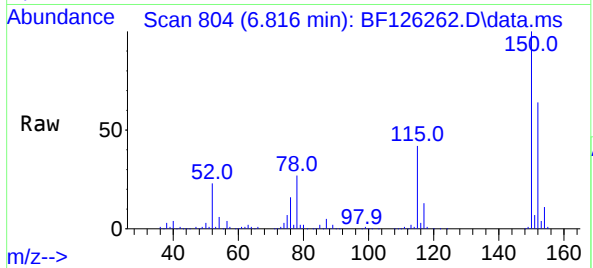




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

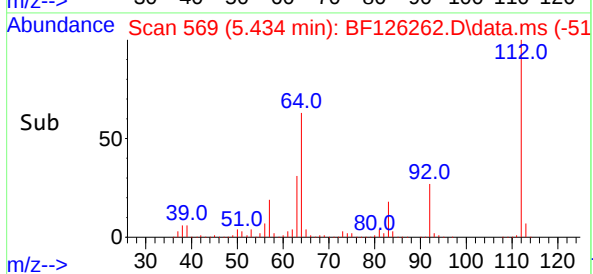
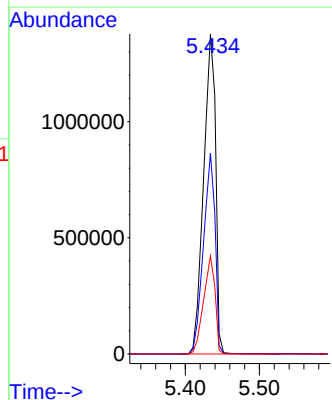
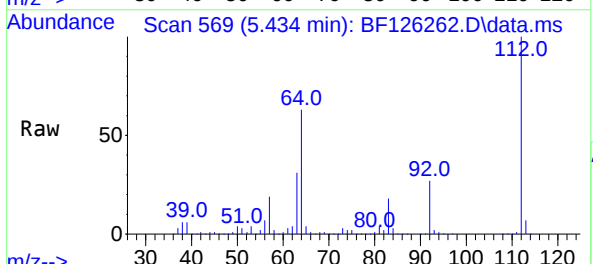
Instrument :
BNA_F
ClientSampleId :
338

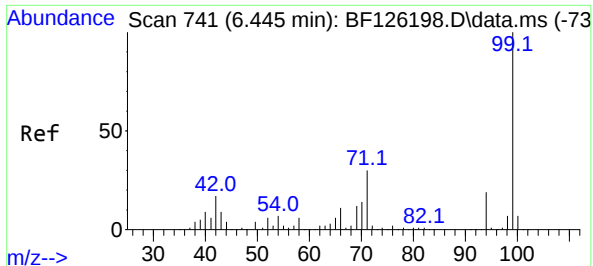
Tgt Ion:152 Resp: 223465
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 65.2 47.1 70.7



#5
2-Fluorophenol
Concen: 102.390 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion:112 Resp: 1553703
Ion Ratio Lower Upper
112 100
64 62.7 44.2 66.2
63 30.6 26.2 39.2



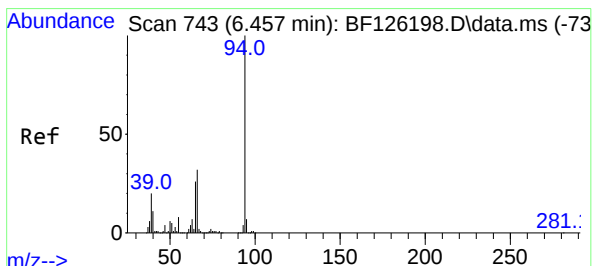
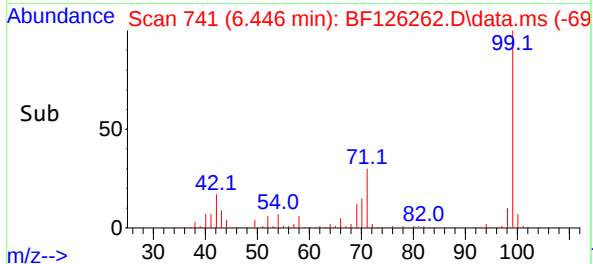
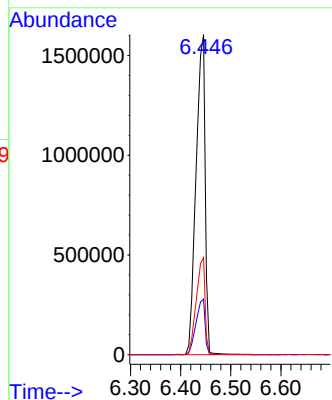
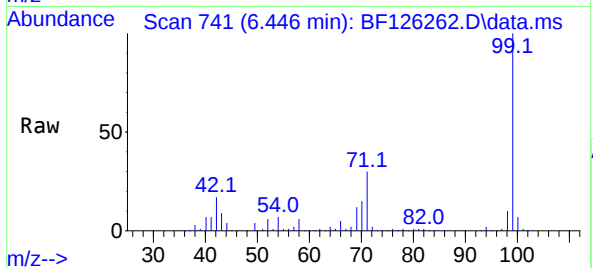


#7
Phenol-d6
Concen: 105.247 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Instrument :
BNA_F
ClientSampleId :
338

Tgt Ion: 99 Resp: 2027854

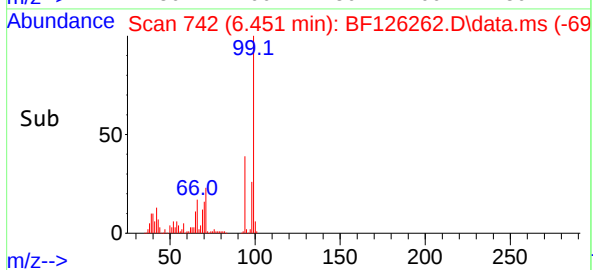
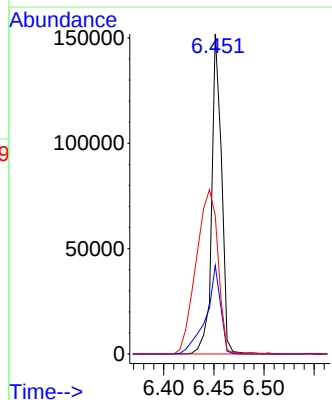
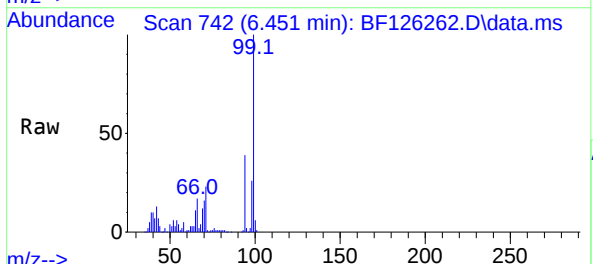
Ion	Ratio	Lower	Upper
99	100		
42	17.4	23.5	35.3
71	30.4	25.6	38.4

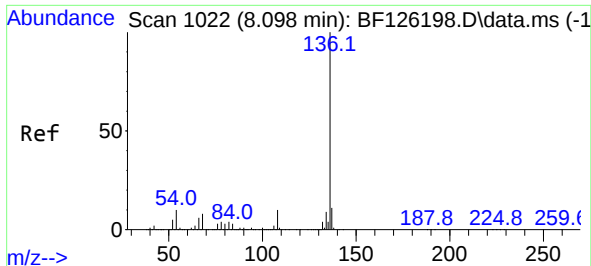


#10
Phenol
Concen: 4.815 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion: 94 Resp: 104149

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.3	49.3
66	43.3	20.3	60.3



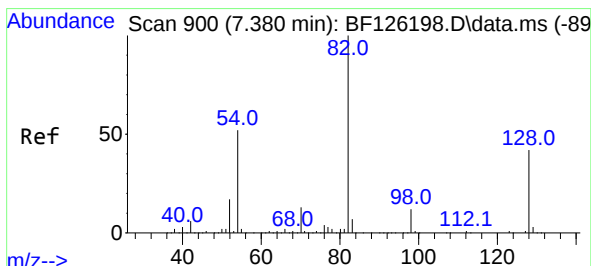
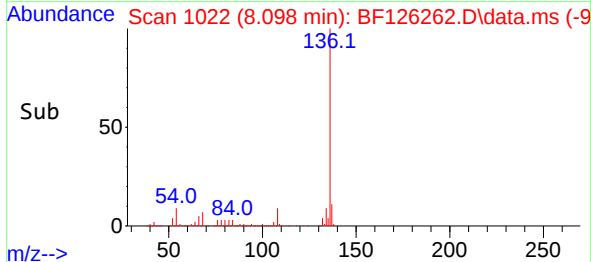
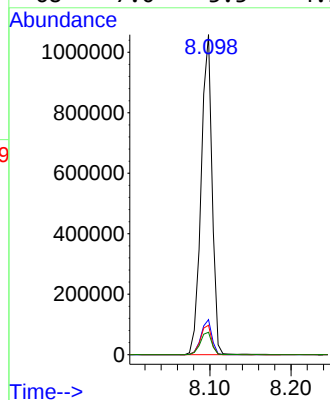
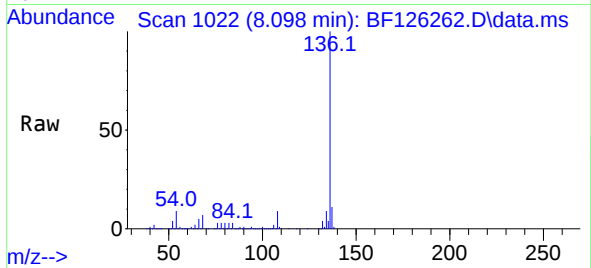


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Instrument :
BNA_F
ClientSampleId :
338

Tgt Ion:136 Resp: 992811

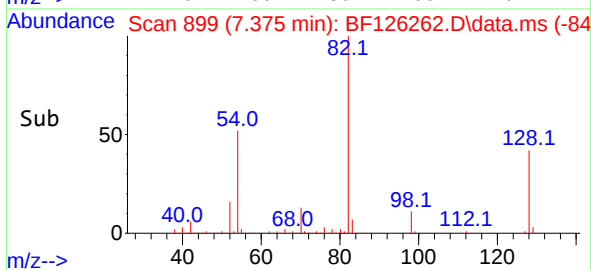
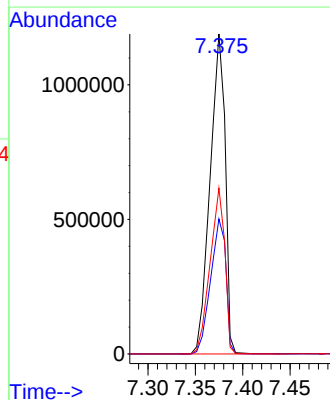
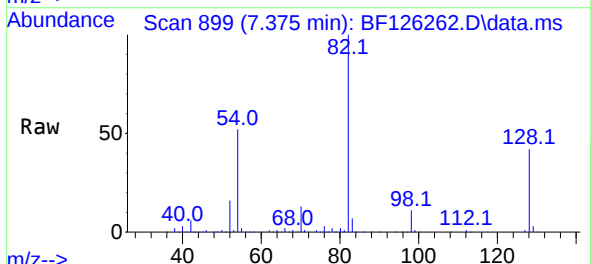
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.2	6.4	9.6
68	7.0	3.3	4.9

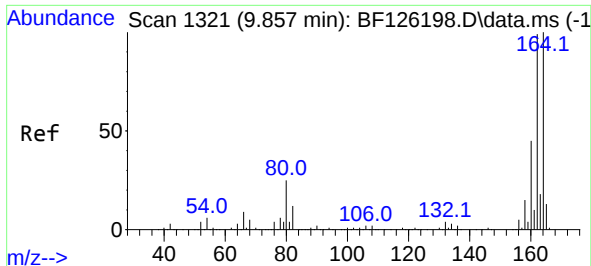


#23
Nitrobenzene-d5
Concen: 71.919 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion: 82 Resp: 1318378

Ion	Ratio	Lower	Upper
82	100		
128	42.2	40.6	60.8
54	51.8	49.6	74.4

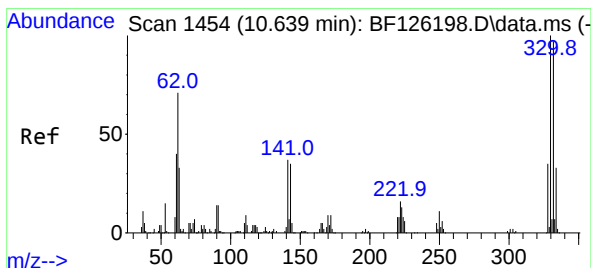
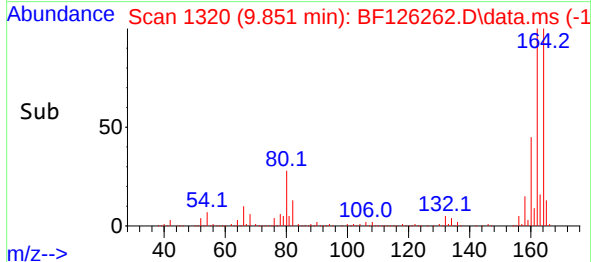
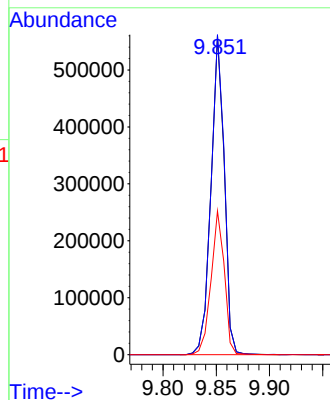
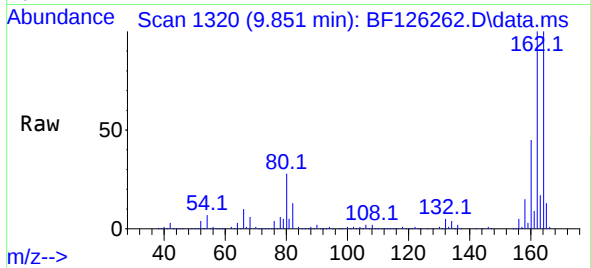




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

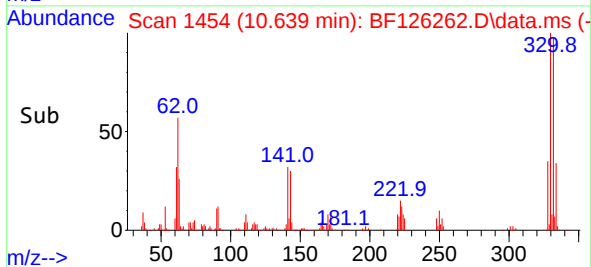
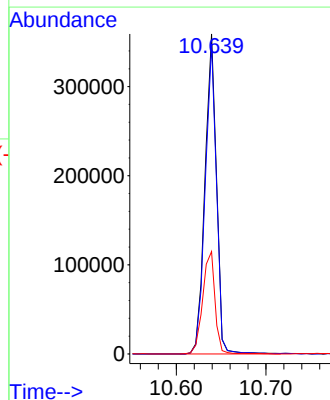
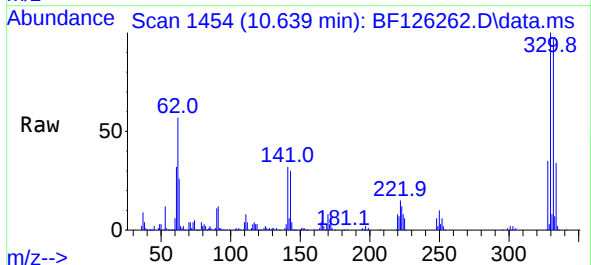
Instrument :
BNA_F
ClientSampleId :
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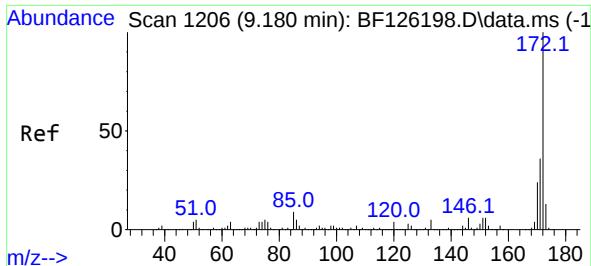
Tgt Ion:164 Resp: 486839
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 81.794 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion:330 Resp: 320017
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 34.5 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 61.518 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126262.D

Acq: 18 Dec 2021 19:20

Instrument :

BNA_F

ClientSampleId :

338

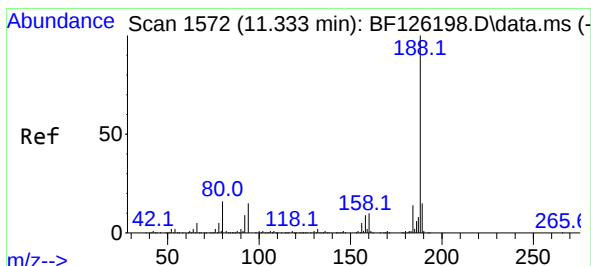
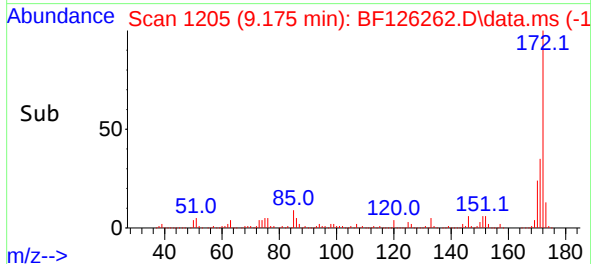
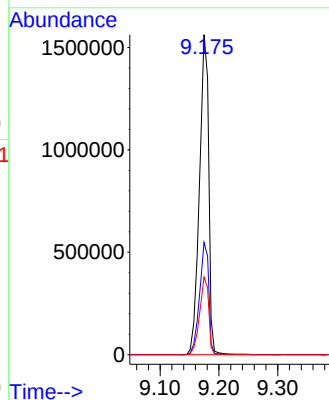
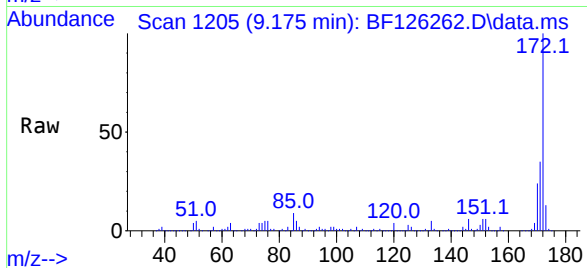
Tgt Ion:172 Resp: 1707613

Ion Ratio Lower Upper

172 100

171 35.1 26.5 39.7

170 24.3 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF126262.D

Acq: 18 Dec 2021 19:20

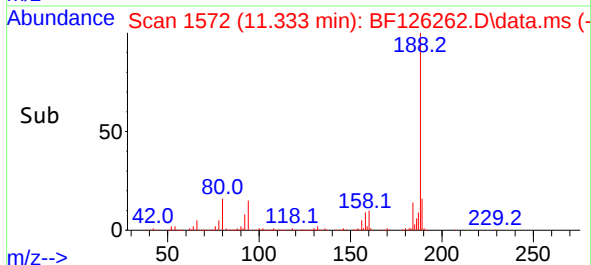
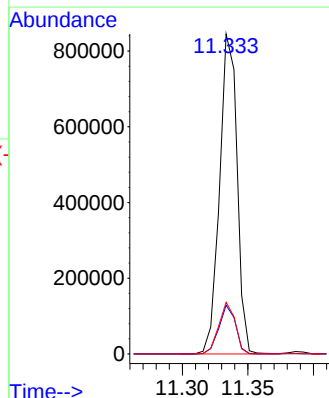
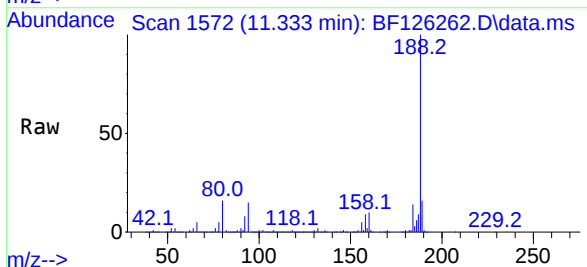
Tgt Ion:188 Resp: 782818

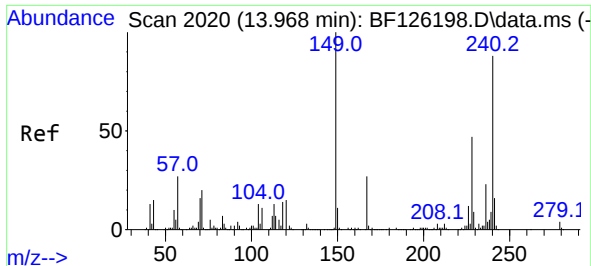
Ion Ratio Lower Upper

188 100

94 15.2 6.7 10.1#

80 16.2 7.5 11.3#

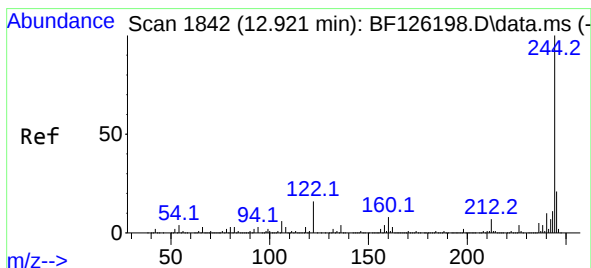
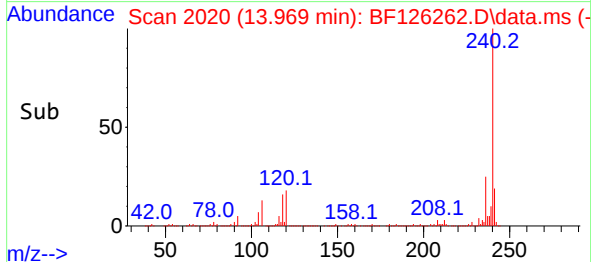
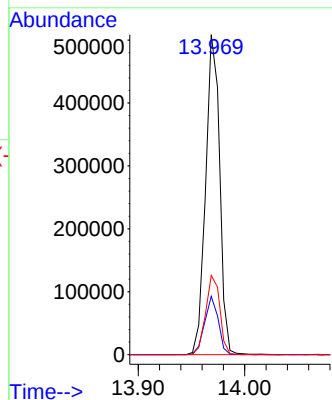
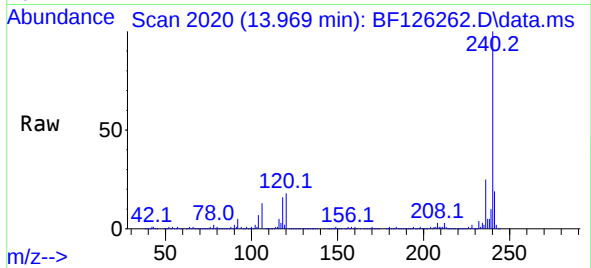




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

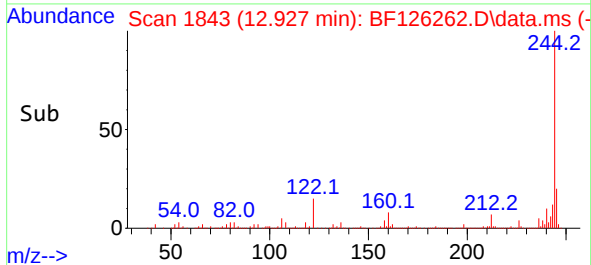
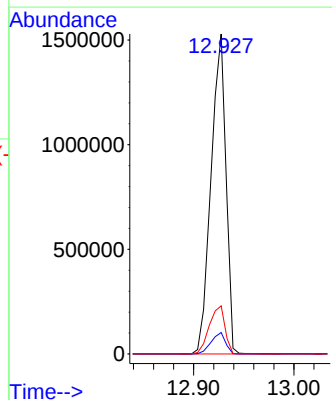
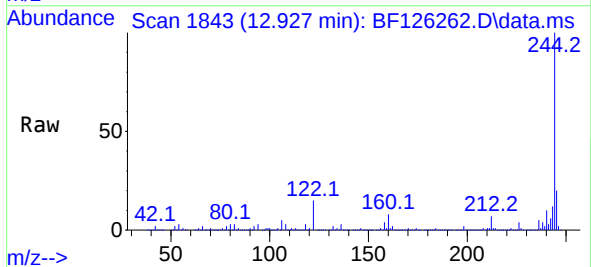
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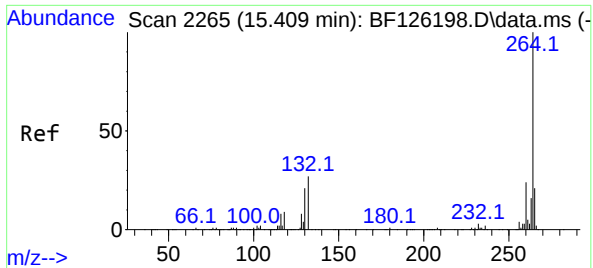
Tgt Ion:240 Resp: 468552
Ion Ratio Lower Upper
240 100
120 18.3 10.8 16.2#
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 58.659 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126262.D
Acq: 18 Dec 2021 19:20

Tgt Ion:244 Resp: 1581286
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 15.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126262.D
 Acq: 18 Dec 2021 19:20

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264	Resp:	389902
Ion	Ratio	Lower Upper
264	100	
260	23.5	19.6 29.4
265	21.4	17.2 25.8

