

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
 Data File : BF126034.D
 Acq On : 3 Nov 2021 23:04
 Operator : JU/CG
 Sample : M4449-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOORS

Quant Time: Nov 04 10:13:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

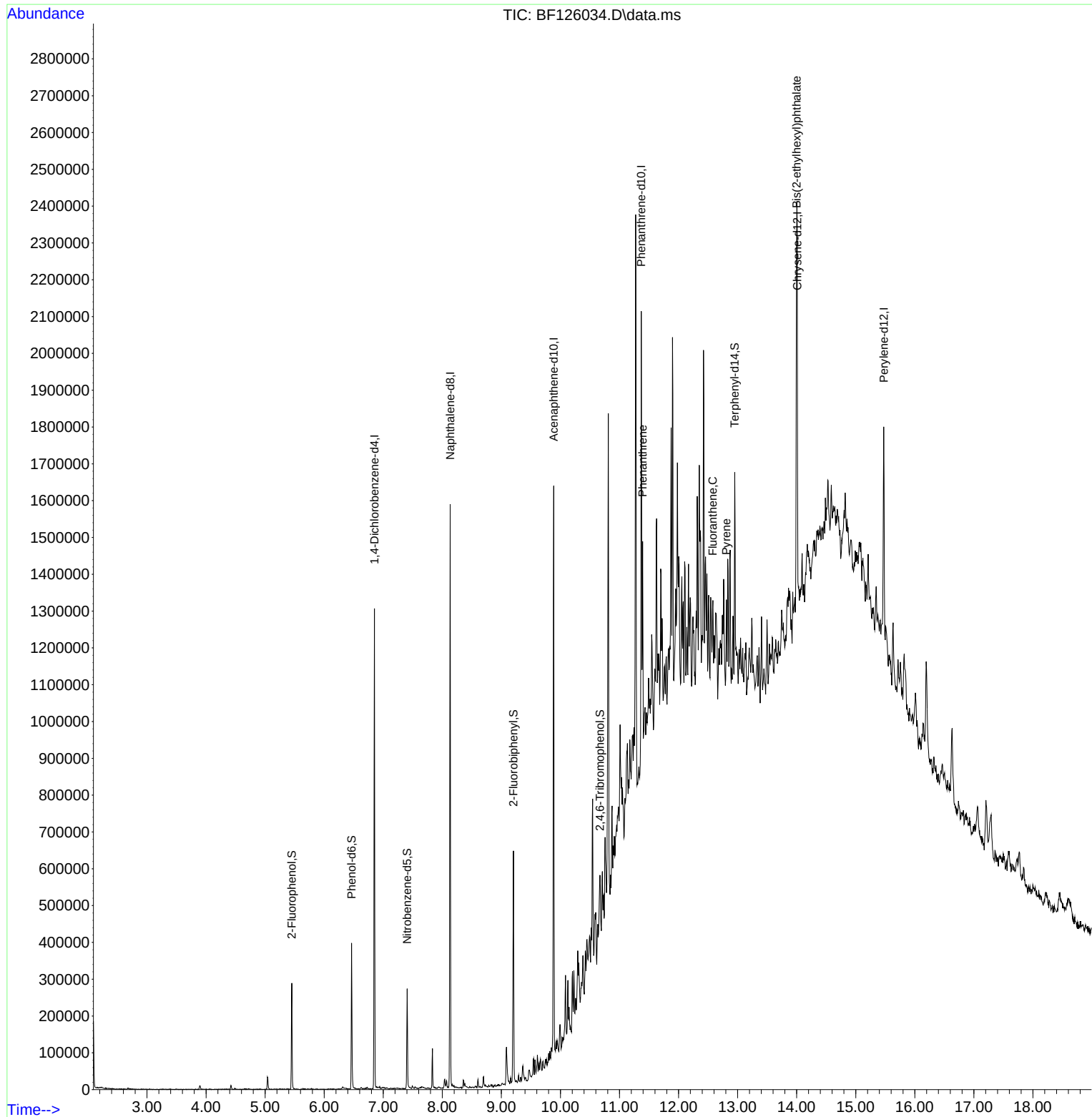
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	157070	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	558490	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	285284	20.00	ng	0.00
64) Phenanthrene-d10	11.368	188	409905	20.00	ng	0.00
76) Chrysene-d12	14.009	240	333077	20.00	ng	# 0.00
86) Perylene-d12	15.474	264	248794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	58150	6.36	ng	-0.01
7) Phenol-d6	6.463	99	90406	7.01	ng	-0.02
23) Nitrobenzene-d5	7.404	82	69572	5.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	13056	3.99	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	141492	6.70	ng	-0.01
79) Terphenyl-d14	12.951	244	117070	5.67	ng	-0.01
Target Compounds						
71) Phenanthrene	11.392	178	158459	7.13	ng	# 92
75) Fluoranthene	12.580	202	51345	2.07	ng	90
78) Pyrene	12.810	202	84997	3.18	ng	96
84) Bis(2-ethylhexyl)phtha...	13.998	149	152365	11.30	ng	# 98

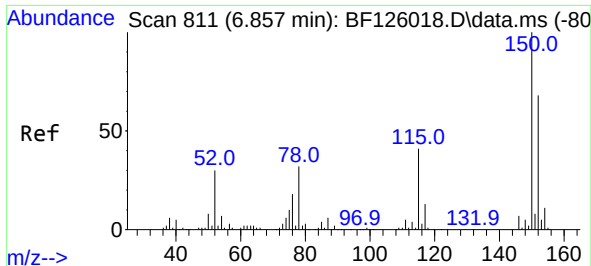
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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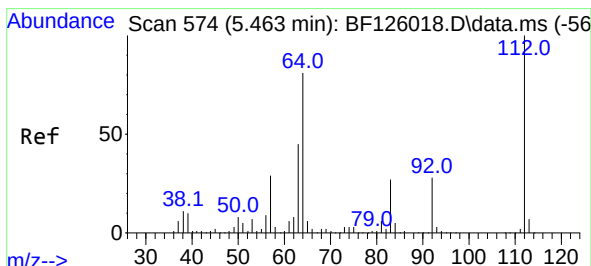
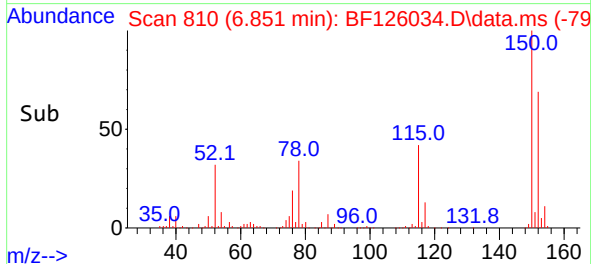
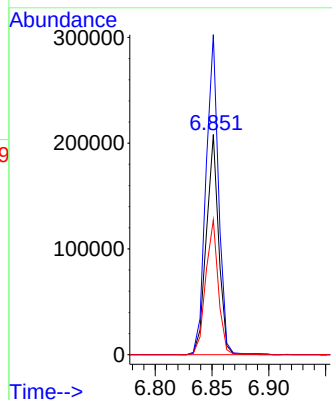
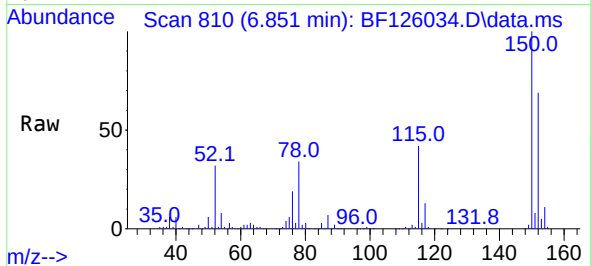




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

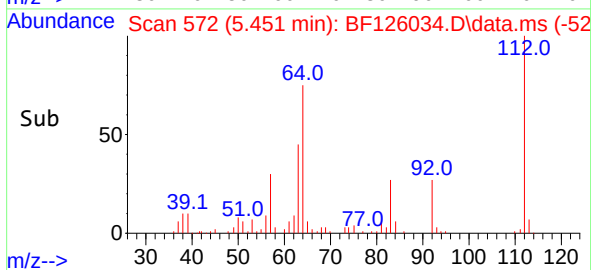
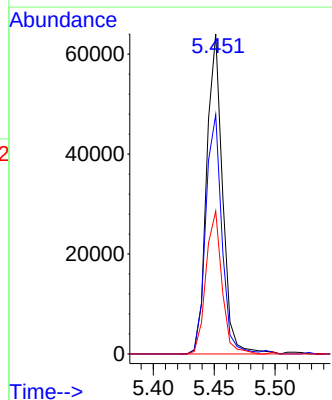
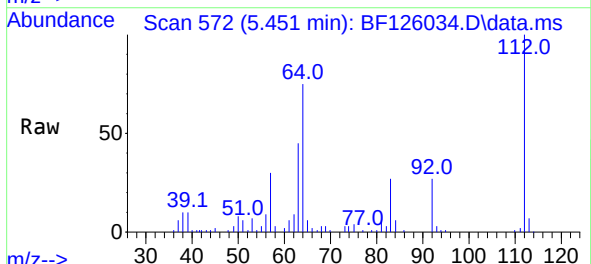
Instrument :
BNA_F
ClientSampleId :
FLOORS

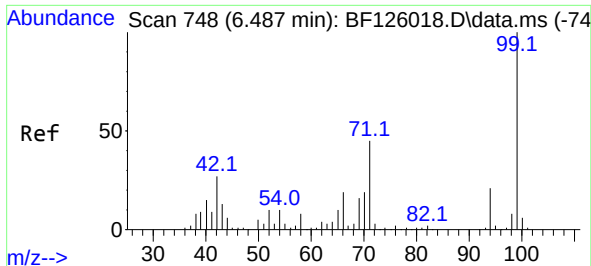
Tgt Ion:152 Resp: 157070
Ion Ratio Lower Upper
152 100
150 145.3 117.6 176.4
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 6.36 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:112 Resp: 58150
Ion Ratio Lower Upper
112 100
64 74.8 44.2 66.2#
63 44.6 26.2 39.2#

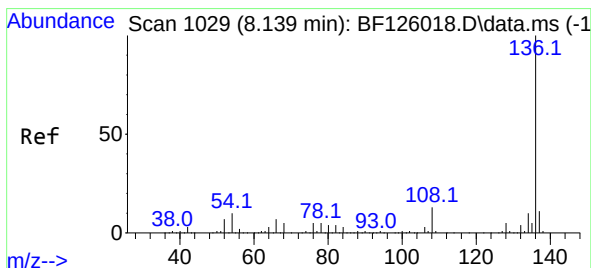
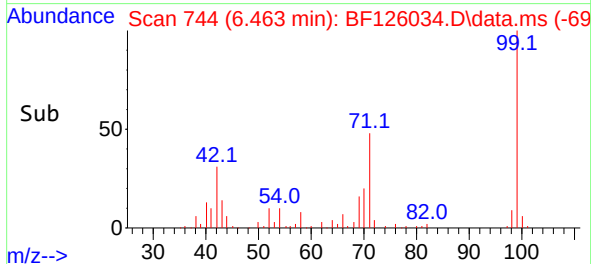
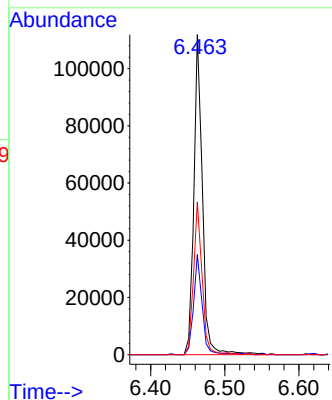
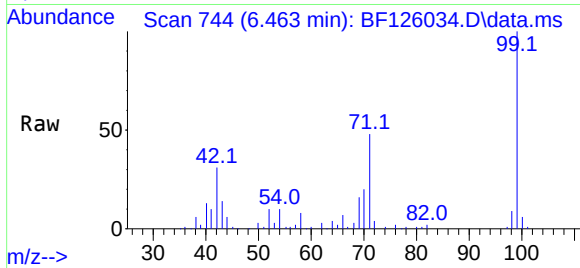




#7
Phenol-d6
Concen: 7.01 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

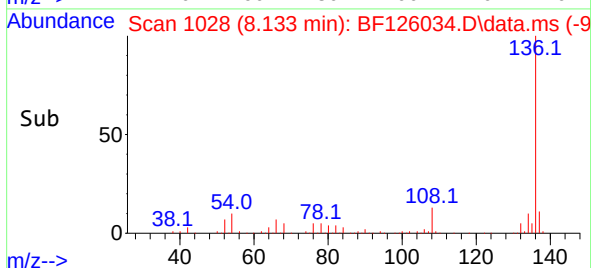
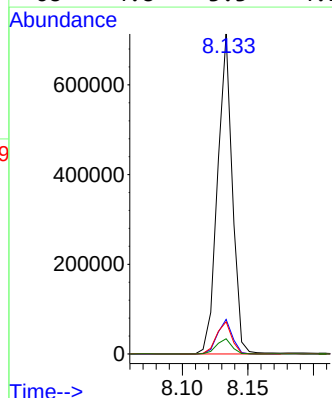
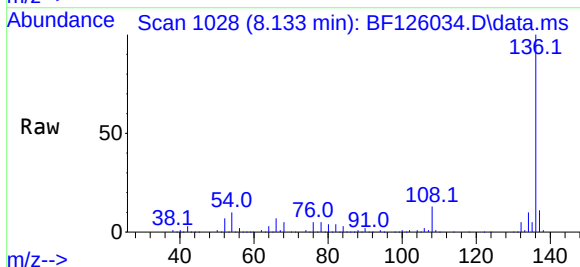
Instrument :
BNA_F
ClientSampleId :
FLOORS

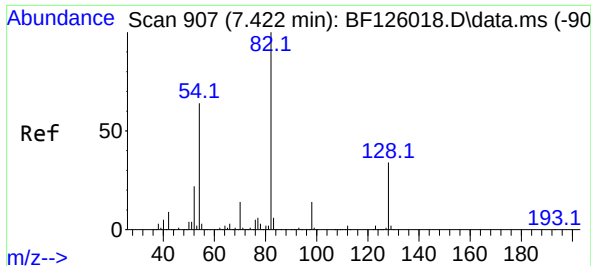
Tgt Ion: 99 Resp: 90406
Ion Ratio Lower Upper
99 100
42 31.3 23.5 35.3
71 47.7 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion: 136 Resp: 558490
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.1 6.4 9.6#
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 5.87 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

Instrument :

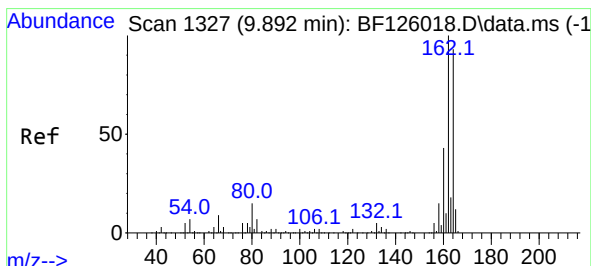
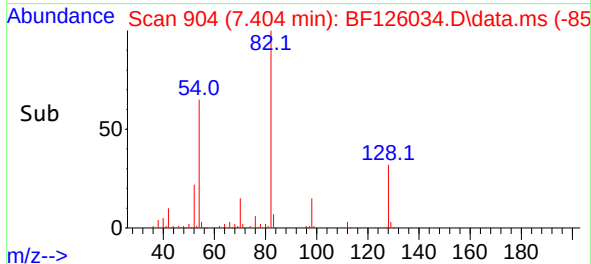
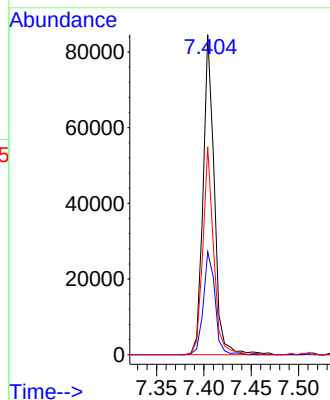
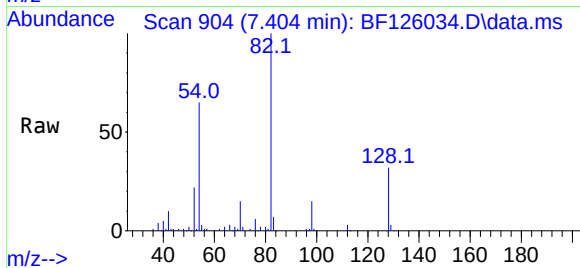
BNA_F

ClientSampleId :

FLOORS

Tgt Ion: 82 Resp: 69572

Ion	Ratio	Lower	Upper
82	100		
128	32.1	40.6	60.8#
54	64.9	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.886 min Scan# 1326

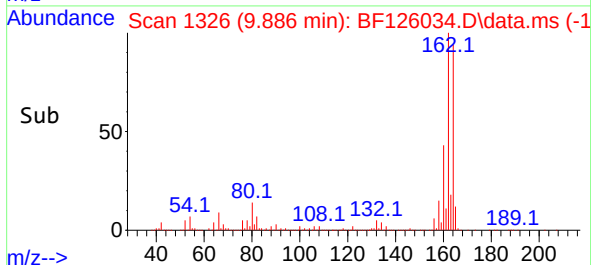
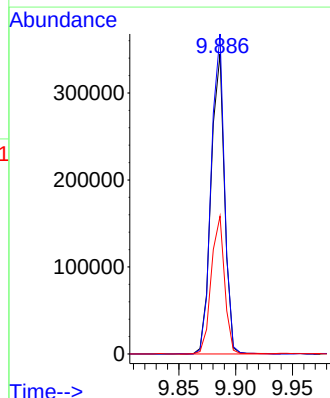
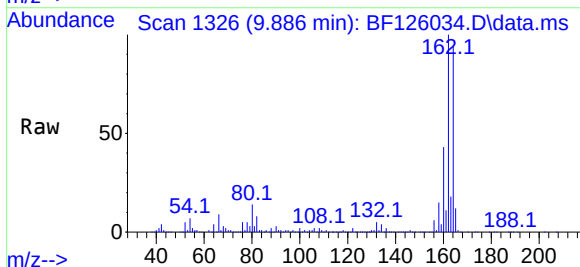
Delta R.T. -0.006 min

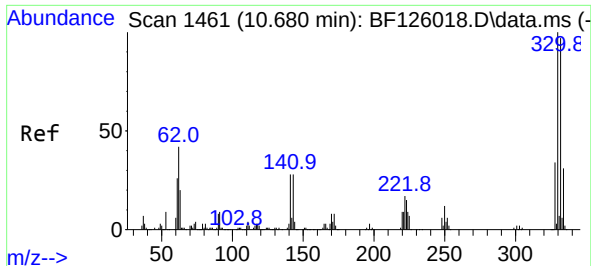
Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

Tgt Ion:164 Resp: 285284

Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.3	121.9
160	45.9	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 3.99 ng

RT: 10.669 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

Instrument :

BNA_F

ClientSampleId :

FLOORS

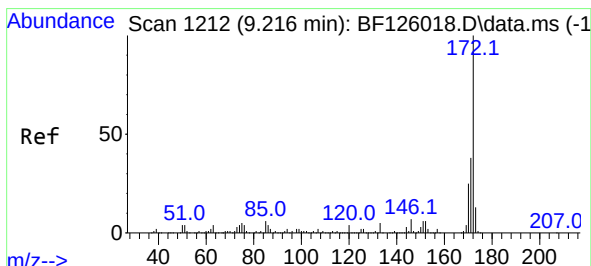
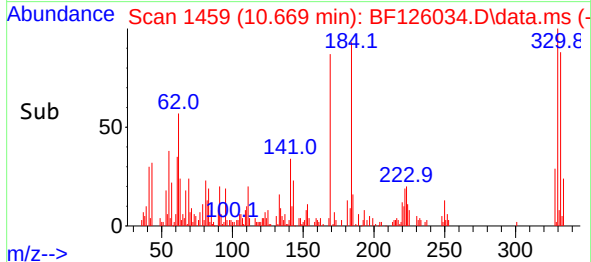
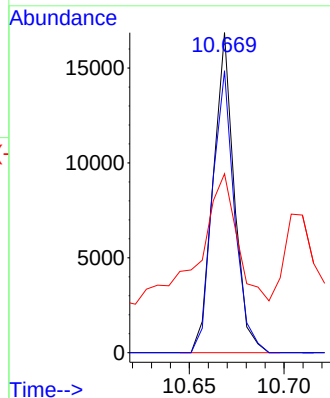
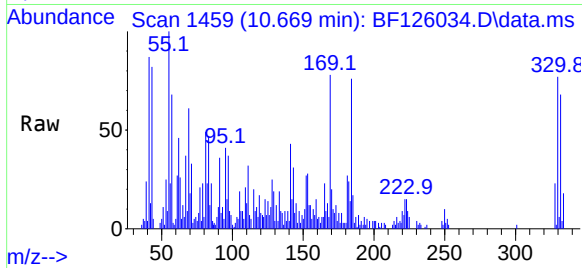
Tgt Ion:330 Resp: 13056

Ion Ratio Lower Upper

330 100

332 92.2 76.2 114.4

141 72.9 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 6.70 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF126034.D

Acq: 3 Nov 2021 23:04

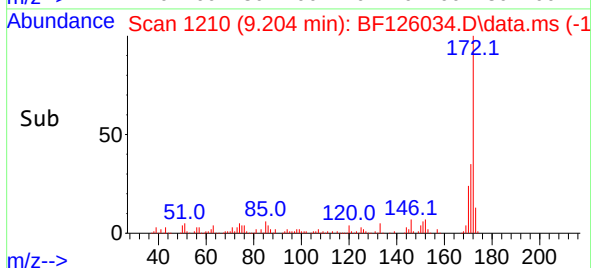
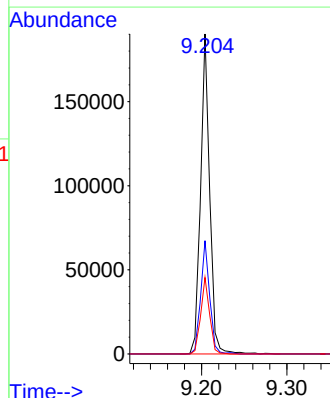
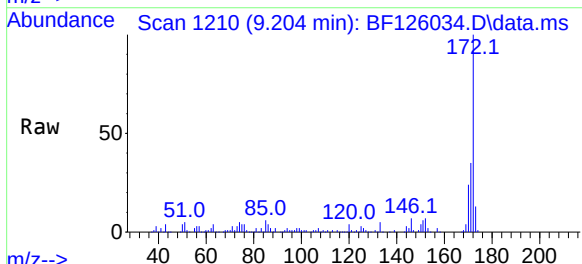
Tgt Ion:172 Resp: 141492

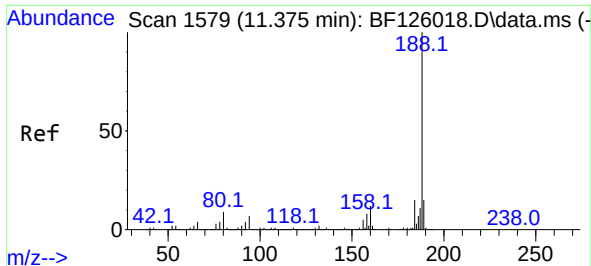
Ion Ratio Lower Upper

172 100

171 35.4 26.5 39.7

170 23.9 18.8 28.2

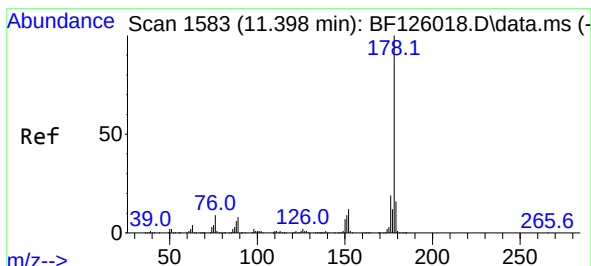
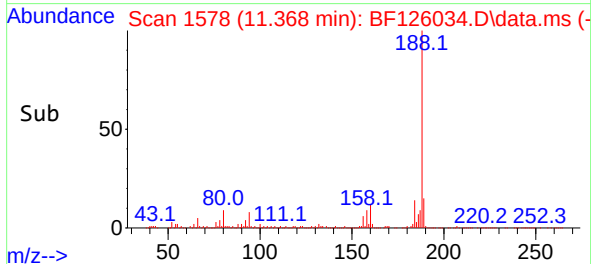
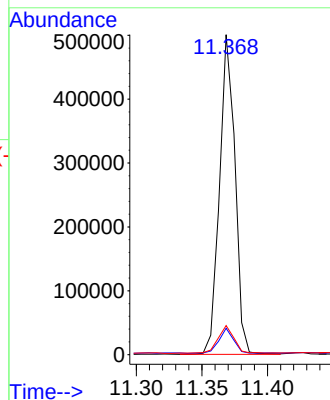
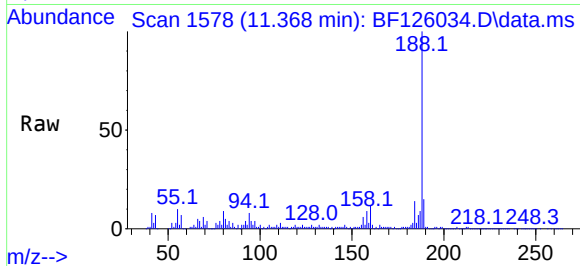




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

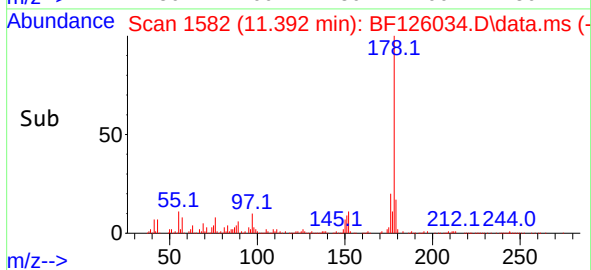
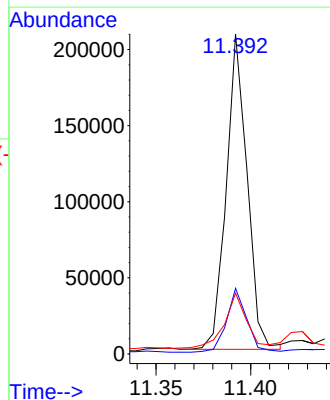
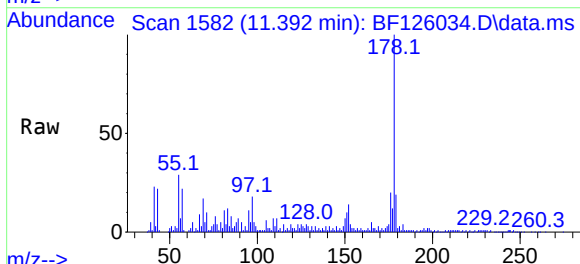
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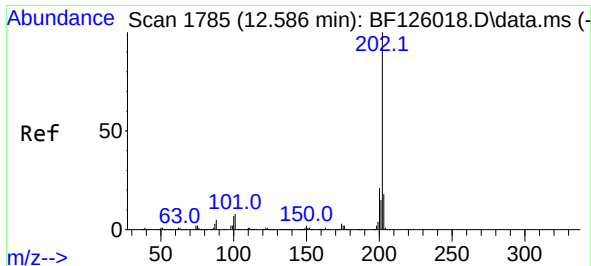
Tgt Ion:188 Resp: 409905
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.1 7.5 11.3



#71
Phenanthrene
Concen: 7.13 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:178 Resp: 158459
Ion Ratio Lower Upper
178 100
176 20.5 14.7 22.1
179 19.0 11.5 17.3#

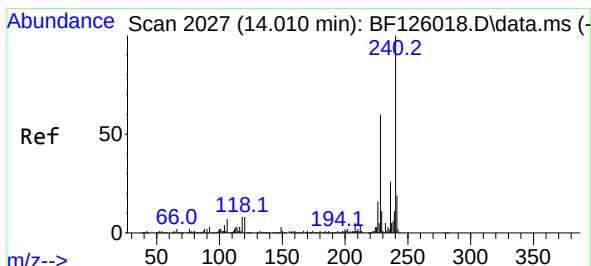
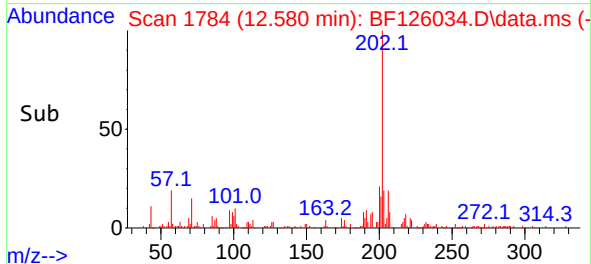
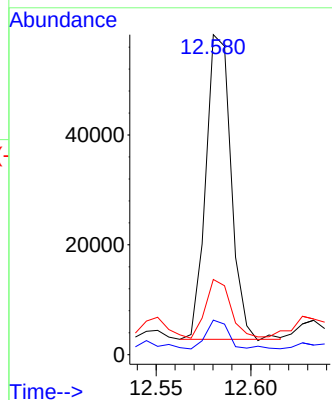
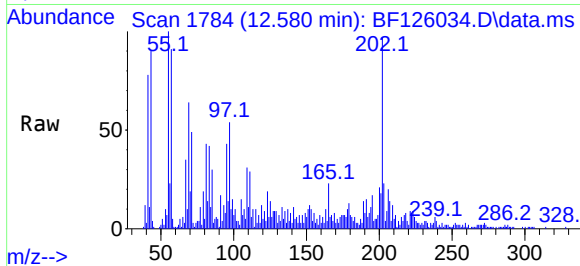




#75
Fluoranthene
Concen: 2.07 ng
RT: 12.580 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

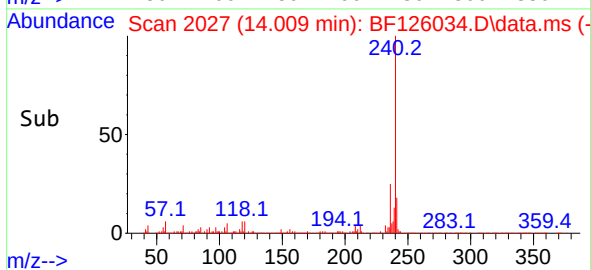
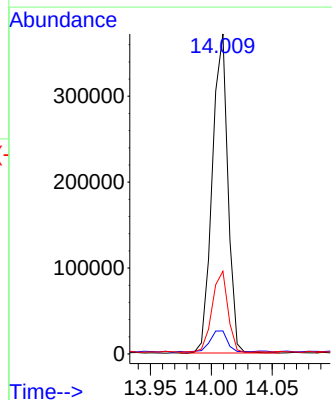
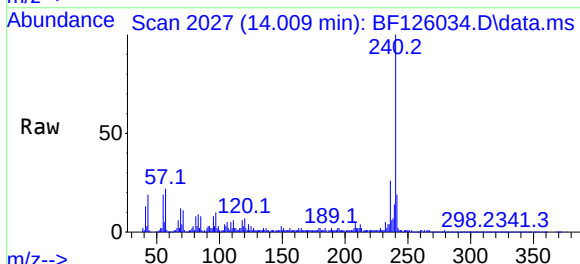
Instrument :
BNA_F
ClientSampleId :
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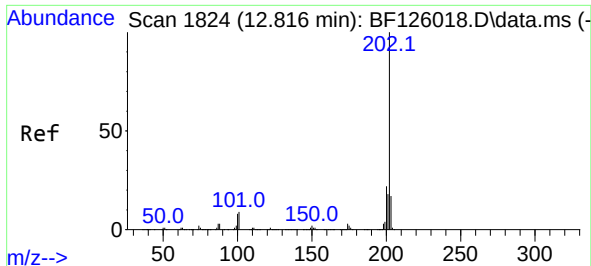
Tgt Ion:202 Resp: 51345
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 23.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:240 Resp: 333077
Ion Ratio Lower Upper
240 100
120 7.2 10.8 16.2#
236 25.9 21.6 32.4

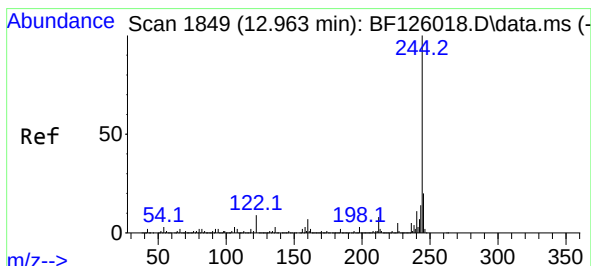
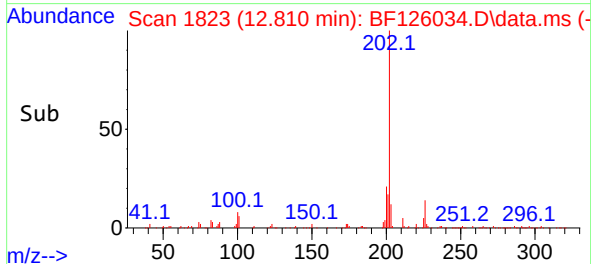
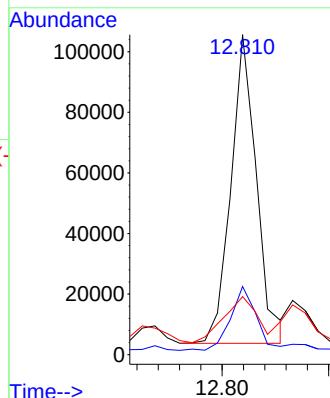
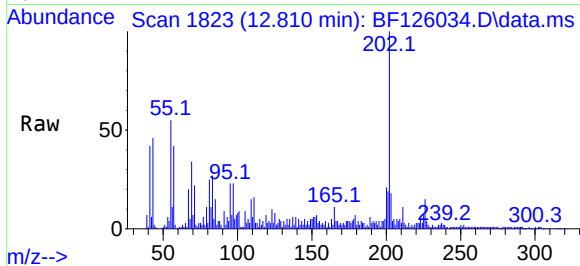




#78
Pyrene
Concen: 3.18 ng
RT: 12.810 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

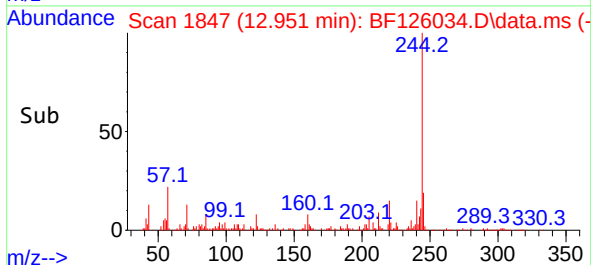
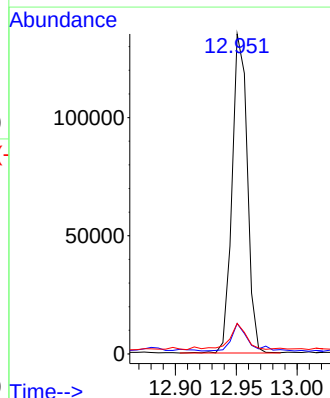
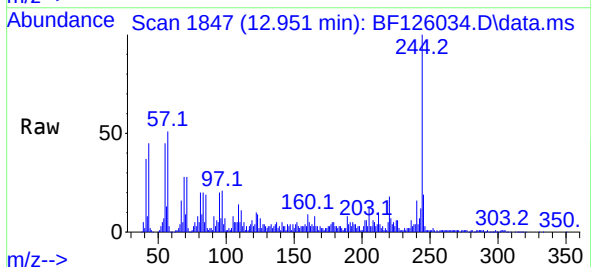
Instrument :
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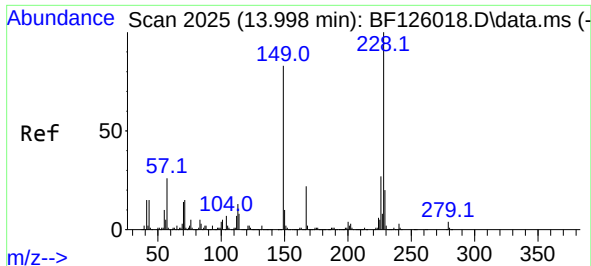
Tgt Ion:202 Resp: 84997
Ion Ratio Lower Upper
202 100
200 21.3 15.3 22.9
203 18.2 13.4 20.0



#79
Terphenyl-d14
Concen: 5.67 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:244 Resp: 117070
Ion Ratio Lower Upper
244 100
212 9.5 5.9 8.9#
122 9.5 9.0 13.4

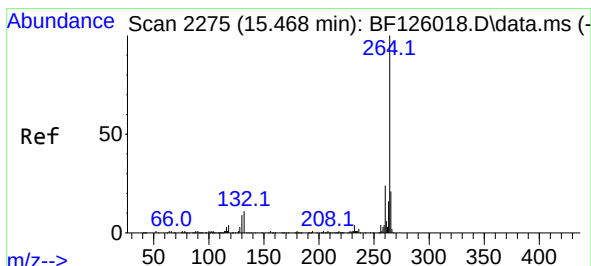
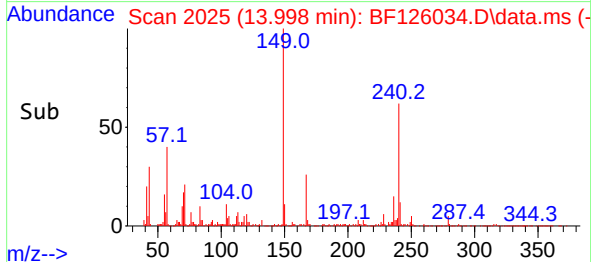
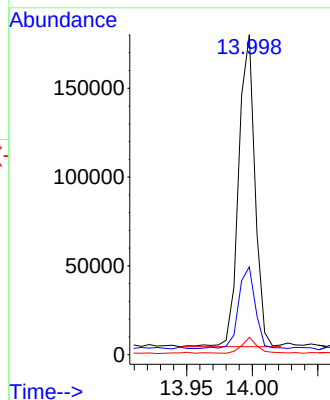
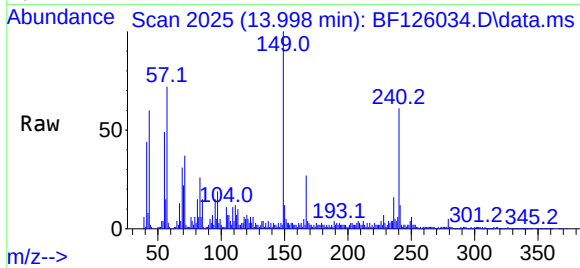




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.30 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Instrument :
BNA_F
ClientSampleId :
FLOORS

Tgt Ion:149 Resp: 152365
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 5.4 2.6 4.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126034.D
Acq: 3 Nov 2021 23:04

Tgt Ion:264 Resp: 248794
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 22.0 17.2 25.8

