

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126160.D
 Acq On : 12 Nov 2021 19:04
 Operator : JU/CG
 Sample : M4603-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISCO-SOIL-IDW-11082021

Quant Time: Nov 15 06:36:40 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)

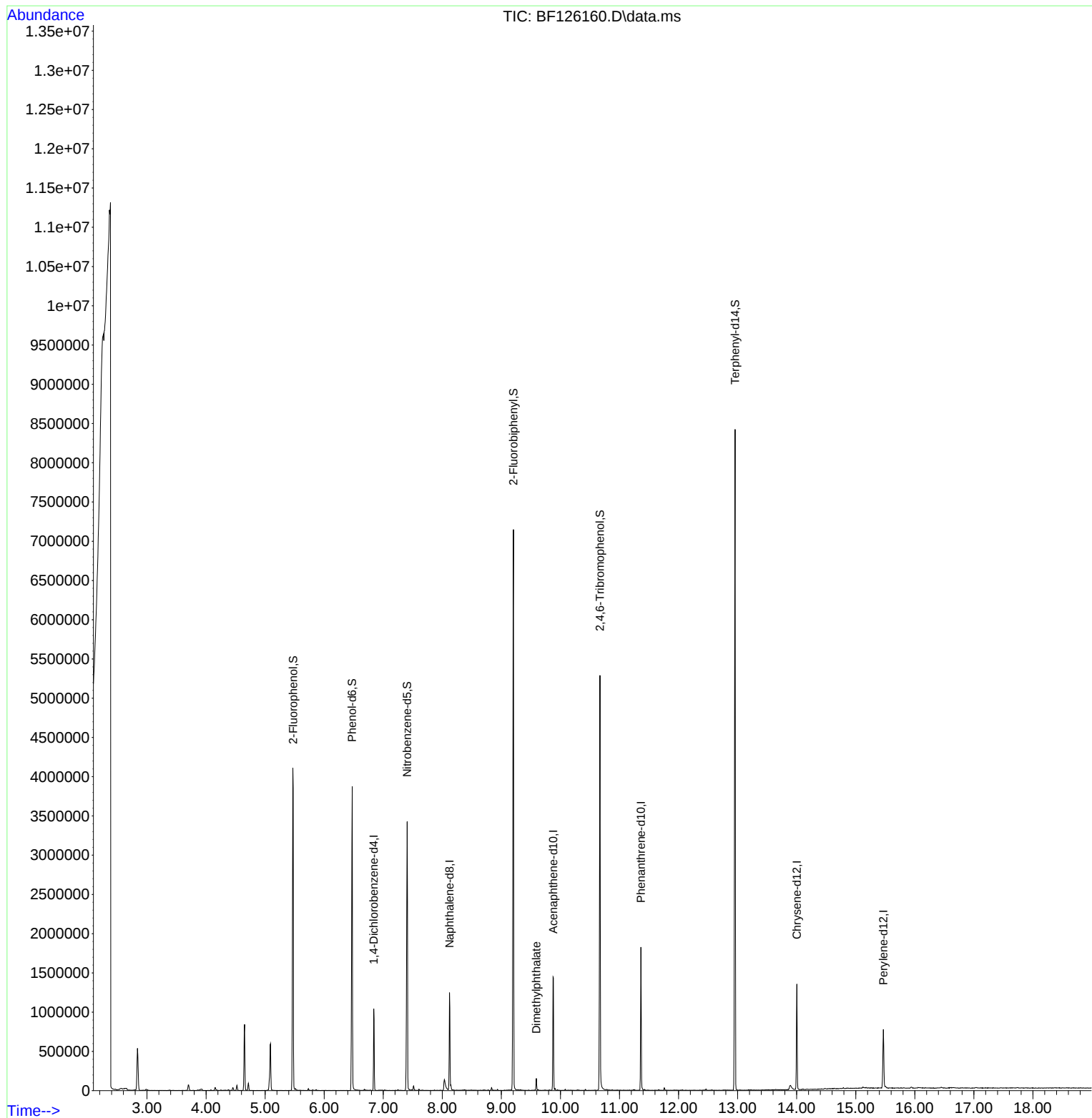
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	138842	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	509701	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	309079	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	580240	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	452382	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	345089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1028853	127.255	ng	0.01
7) Phenol-d6	6.475	99	1125941	98.791	ng	-0.01
23) Nitrobenzene-d5	7.404	82	1134228	104.945	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	569727	160.846	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	2145297	93.797	ng	-0.01
79) Terphenyl-d14	12.957	244	2725419	97.149	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.592	163	52864	2.349	ng	Qvalue 98

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

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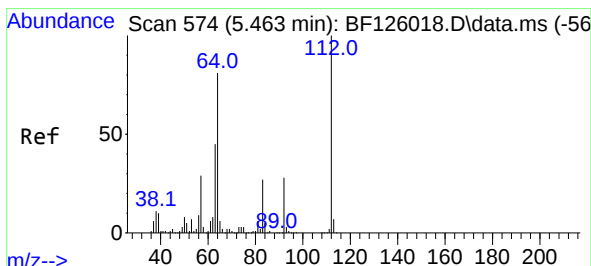
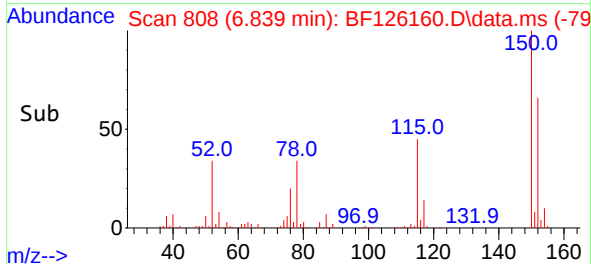
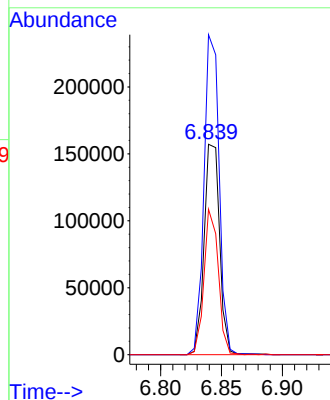
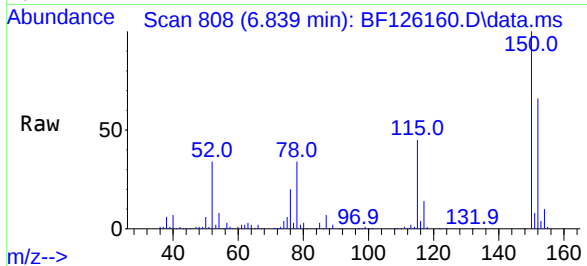




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.018 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

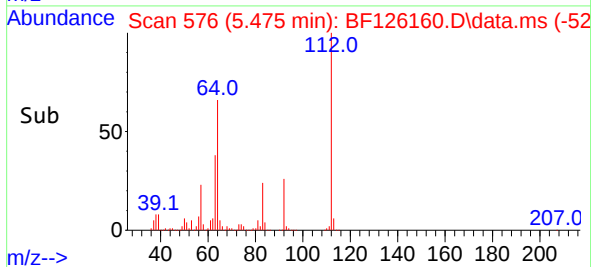
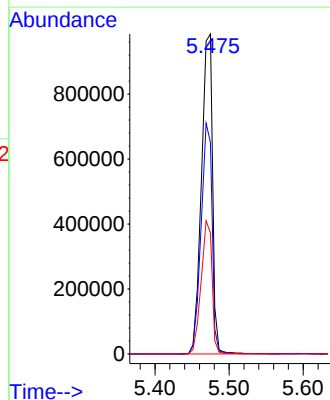
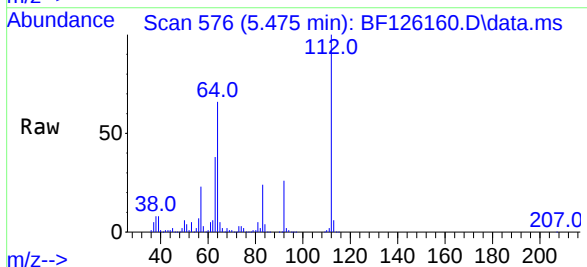
Instrument :
BNA_F
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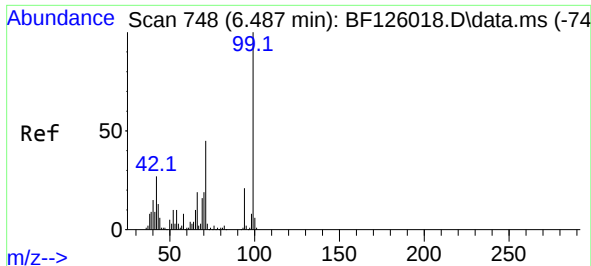
Tgt Ion:152 Resp: 138842
Ion Ratio Lower Upper
152 100
150 152.1 117.6 176.4
115 69.1 47.1 70.7



#5
2-Fluorophenol
Concen: 127.255 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

Tgt Ion:112 Resp: 1028853
Ion Ratio Lower Upper
112 100
64 66.1 44.2 66.2
63 37.9 26.2 39.2

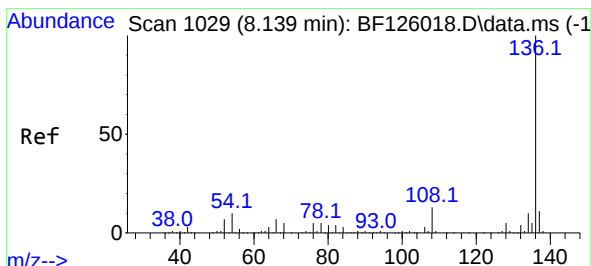
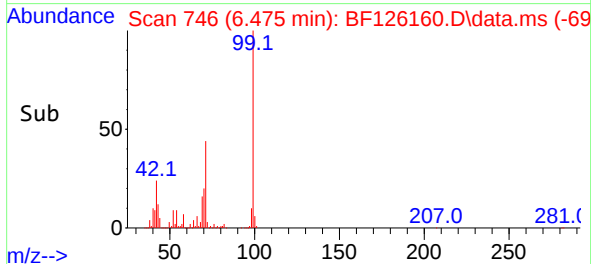
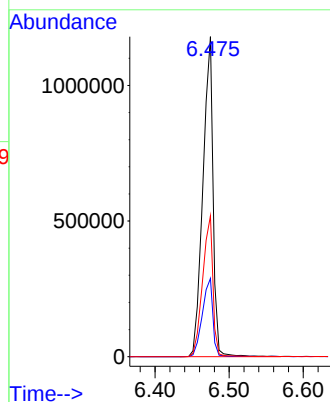
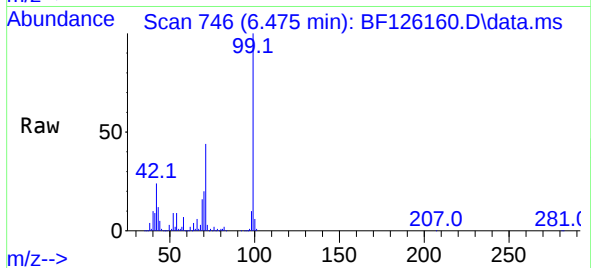




#7
Phenol-d6
Concen: 98.791 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

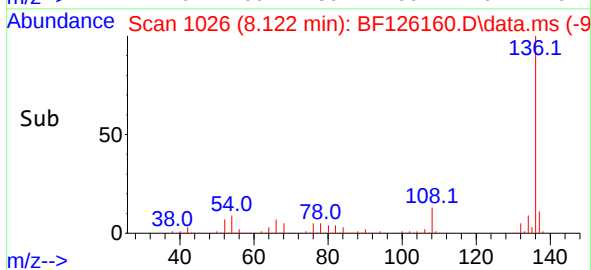
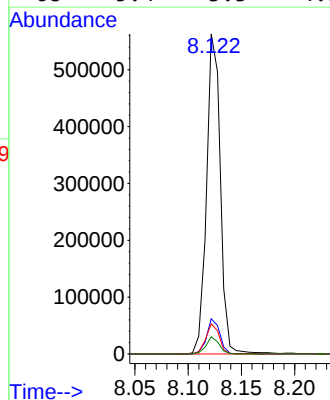
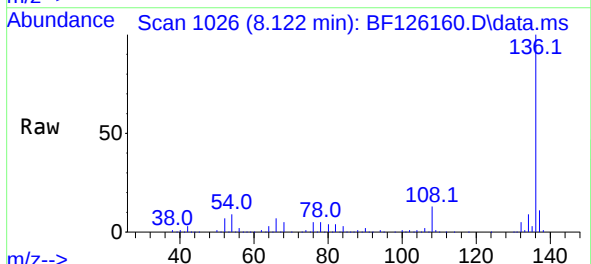
Instrument :
BNA_F
ClientSampleId :
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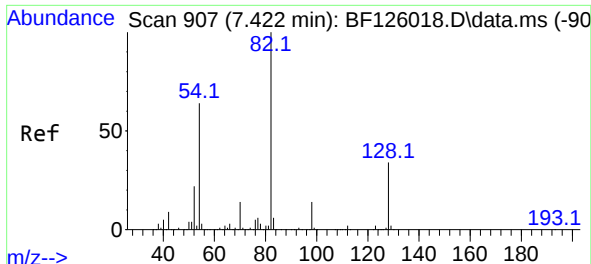
Tgt Ion: 99 Resp: 1125941
Ion Ratio Lower Upper
99 100
42 24.5 23.5 35.3
71 44.0 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

Tgt Ion:136 Resp: 509701
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.4 6.4 9.6
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 104.945 ng

RT: 7.404 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF126160.D

Acq: 12 Nov 2021 19:04

Instrument :

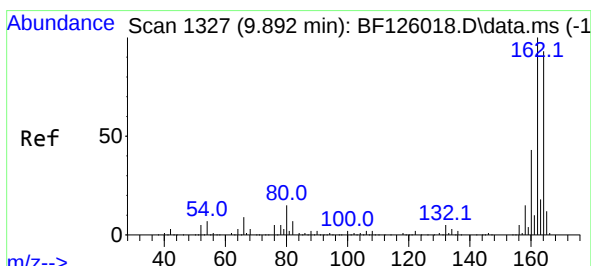
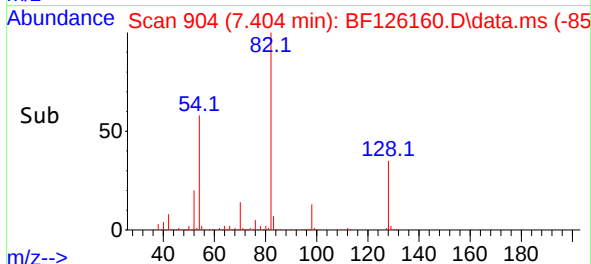
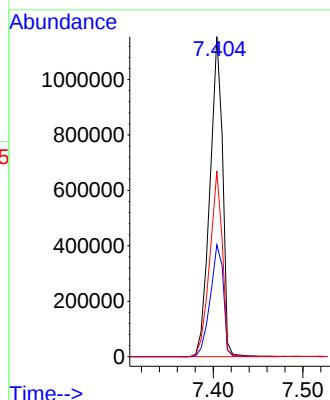
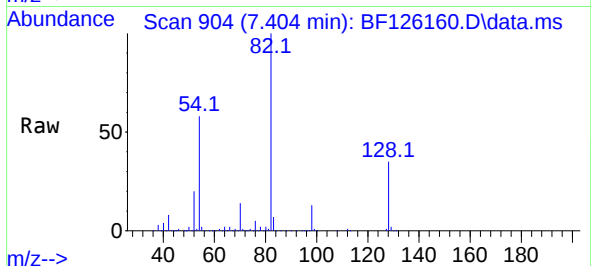
BNA_F

ClientSampleId :

ISCO-SOIL-IDW-11082021

Tgt Ion: 82 Resp: 1134228

Ion	Ratio	Lower	Upper
82	100		
128	34.9	40.6	60.8
54	57.9	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

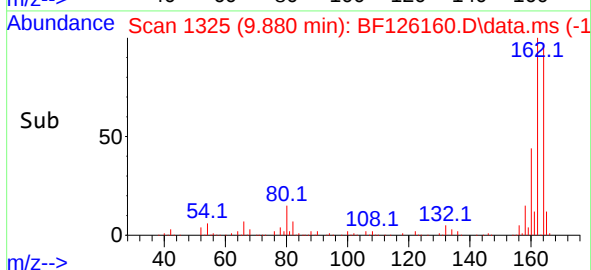
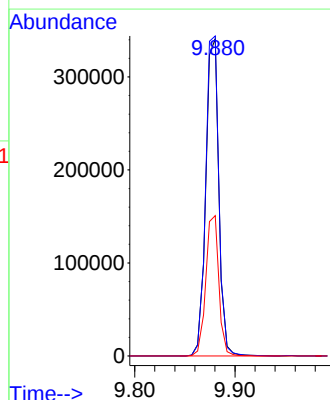
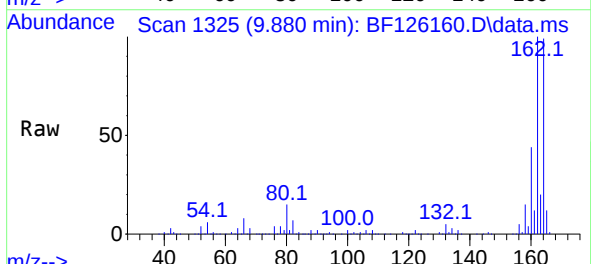
Delta R.T. -0.012 min

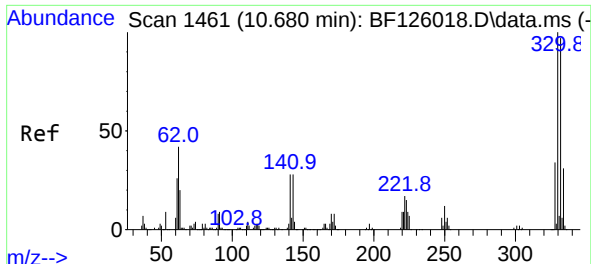
Lab File: BF126160.D

Acq: 12 Nov 2021 19:04

Tgt Ion: 164 Resp: 309079

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.3	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 160.846 ng

RT: 10.669 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF126160.D

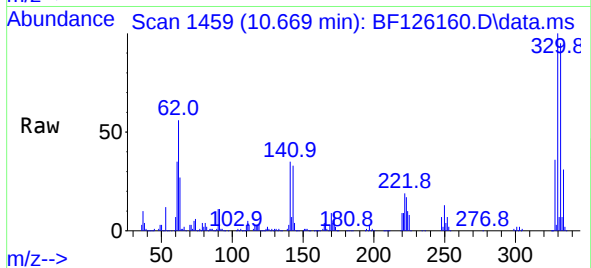
Acq: 12 Nov 2021 19:04

Instrument :

BNA_F

ClientSampleId :

ISCO-SOIL-IDW-11082021



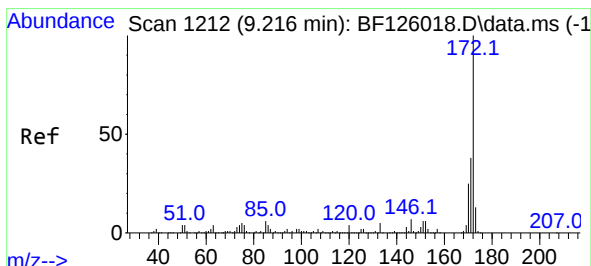
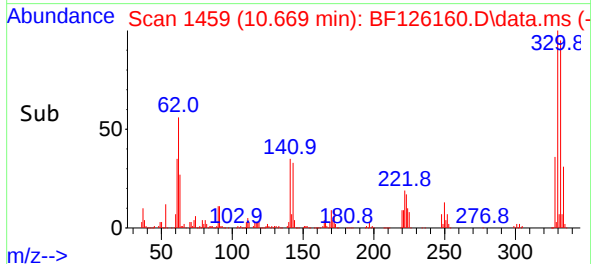
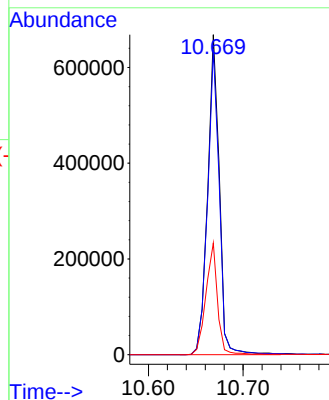
Tgt Ion:330 Resp: 569727

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 35.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 93.797 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF126160.D

Acq: 12 Nov 2021 19:04

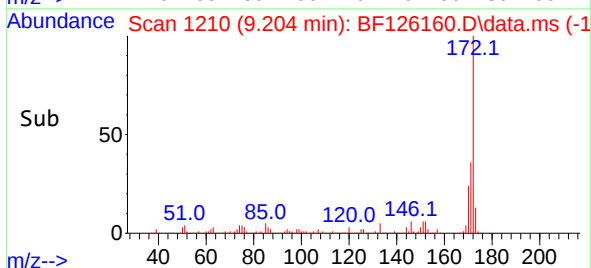
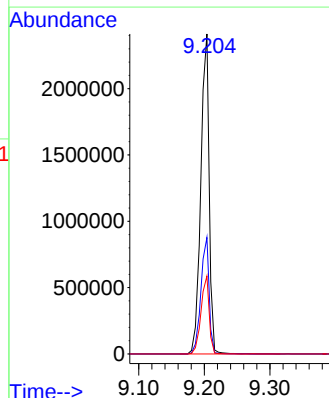
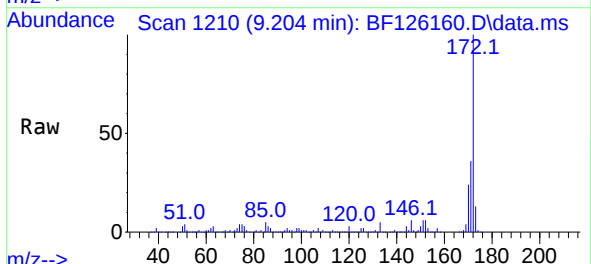
Tgt Ion:172 Resp: 2145297

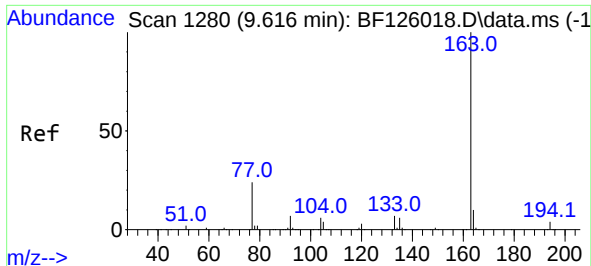
Ion Ratio Lower Upper

172 100

171 36.4 26.5 39.7

170 24.4 18.8 28.2

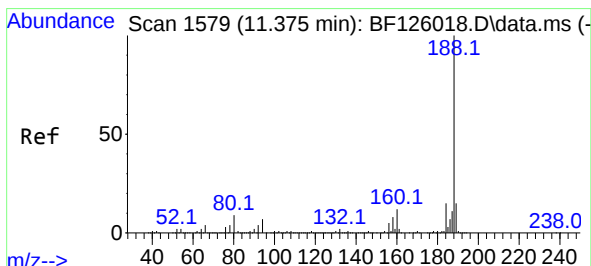
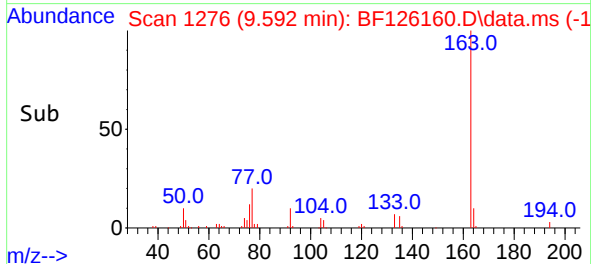
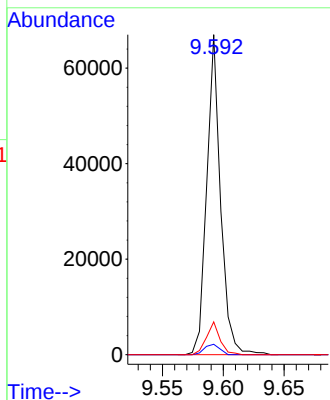
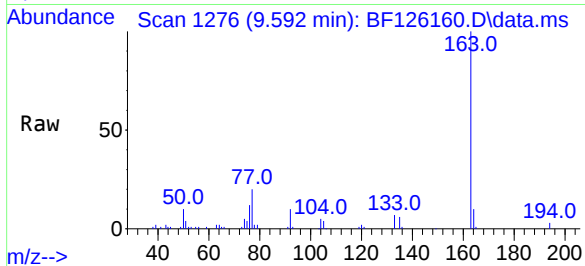




#50
Dimethylphthalate
Concen: 2.349 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

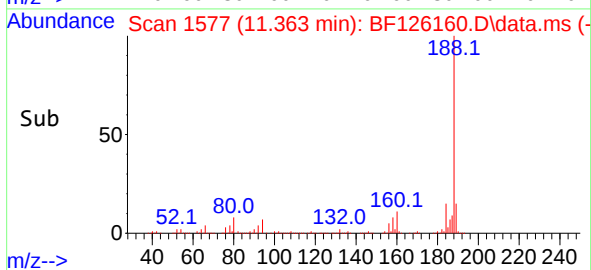
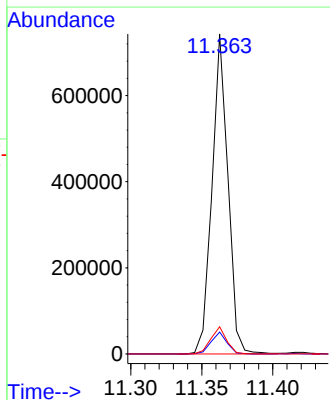
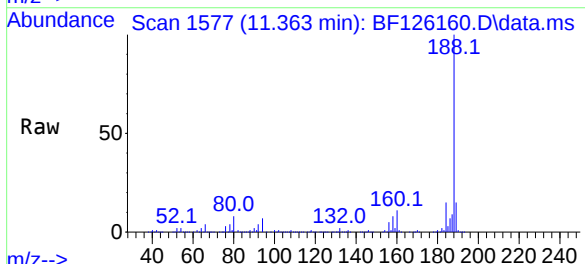
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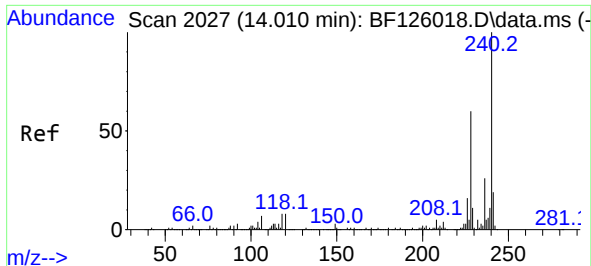
Tgt Ion:163 Resp: 52864
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 10.2 7.4 11.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

Tgt Ion:188 Resp: 580240
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 8.5 7.5 11.3

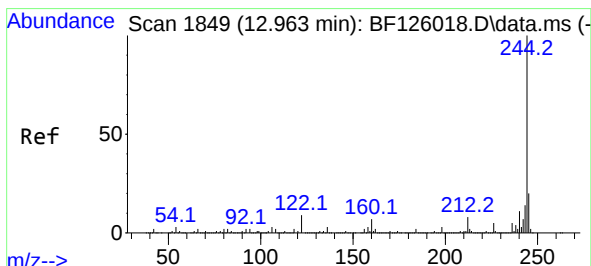
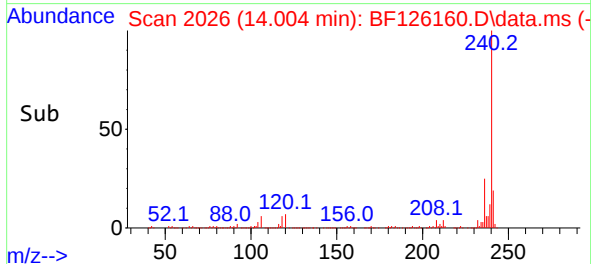
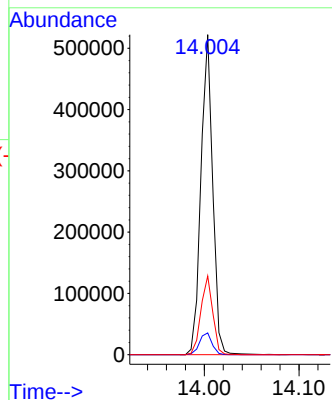
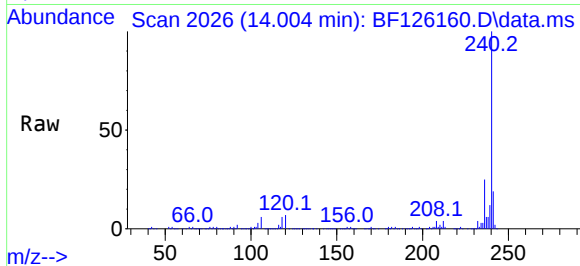




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

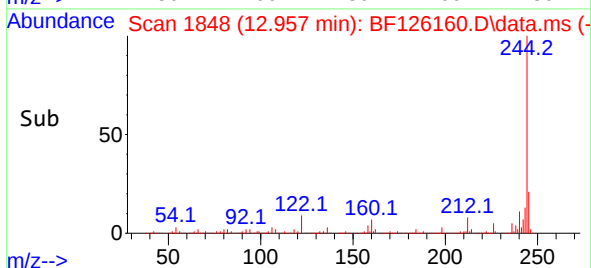
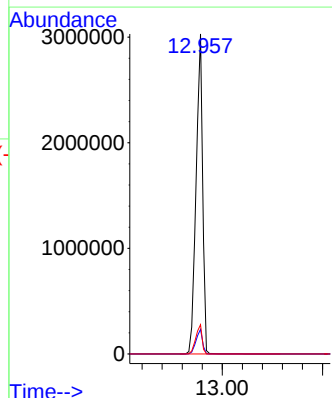
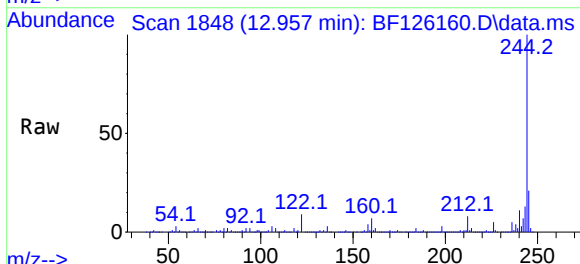
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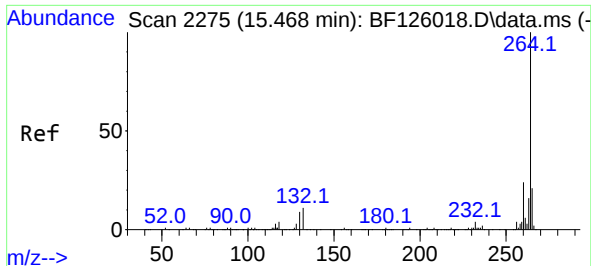
Tgt Ion:240 Resp: 452382
Ion Ratio Lower Upper
240 100
120 6.8 10.8 16.2#
236 24.6 21.6 32.4



#79
Terphenyl-d14
Concen: 97.149 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126160.D
Acq: 12 Nov 2021 19:04

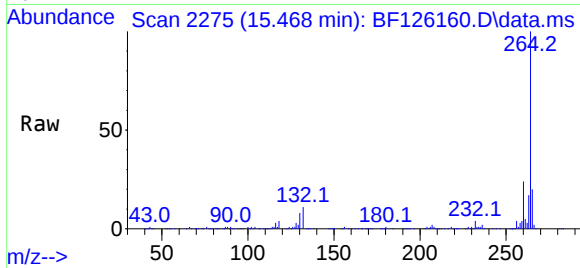
Tgt Ion:244 Resp: 2725419
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126160.D
 Acq: 12 Nov 2021 19:04

Instrument :
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Tgt Ion:264 Resp: 345089

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.5	17.2	25.8

