

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126085.D
 Acq On : 9 Nov 2021 17:03
 Operator : JU/CG
 Sample : M4495-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Nov 10 10:01:06 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	178981	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	644433	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	389499	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	719870	20.000	ng	0.00
76) Chrysene-d12	14.004	240	446259	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	392447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	918108	88.090	ng	0.00
7) Phenol-d6	6.475	99	850676	57.900	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1306474	95.609	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	638564	143.058	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2499243	86.711	ng	0.00
79) Terphenyl-d14	12.957	244	2697313	97.467	ng	0.00

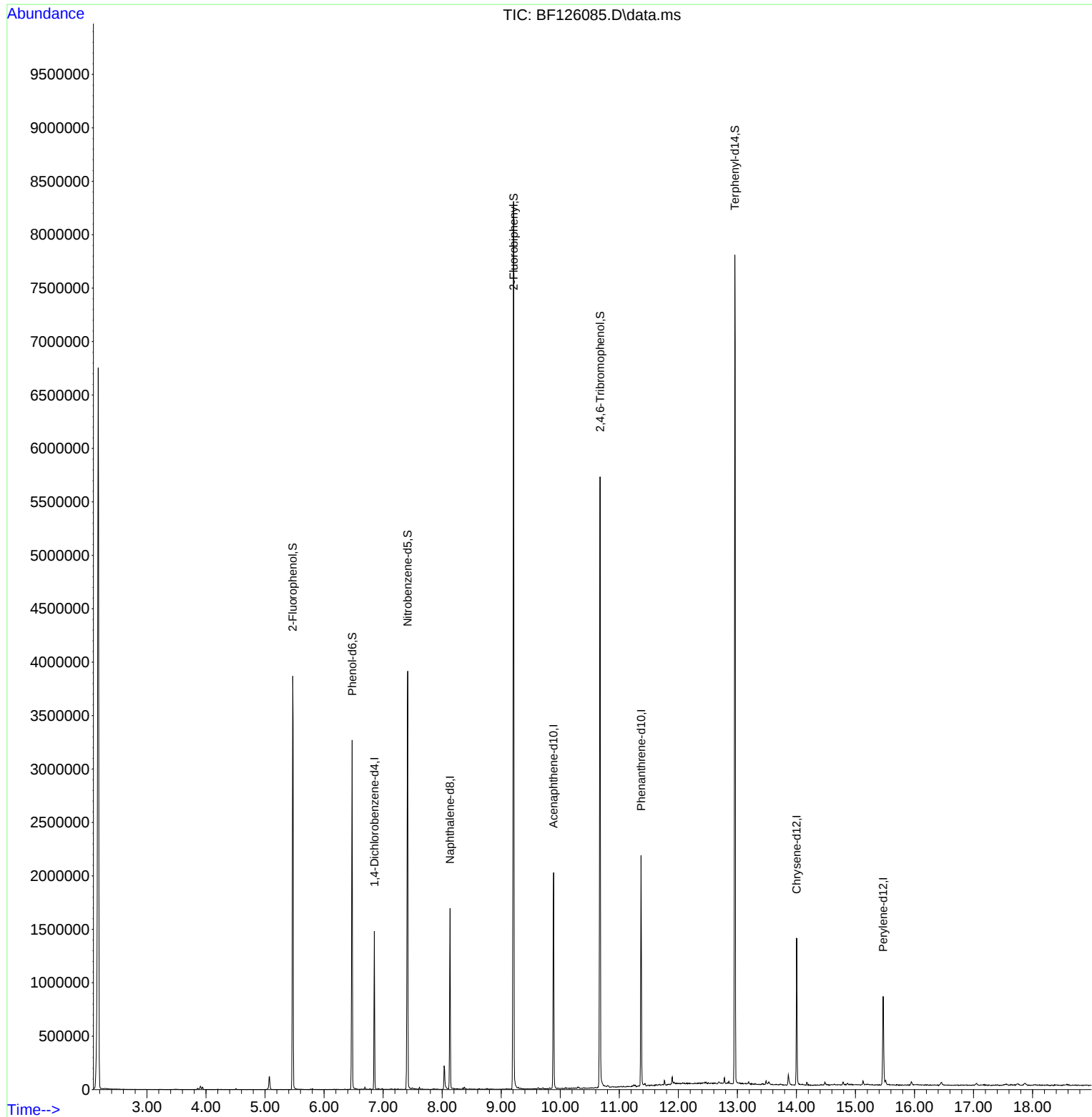
Target Compounds	Qvalue

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

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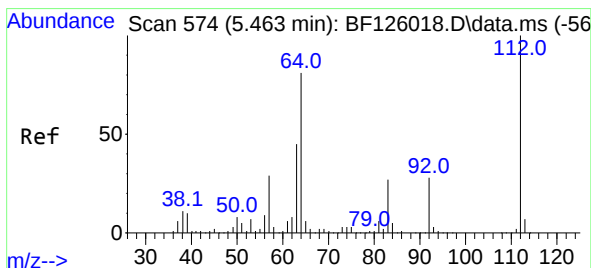
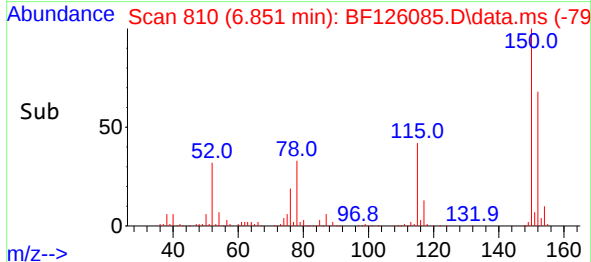
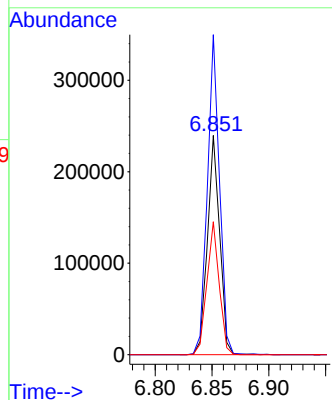
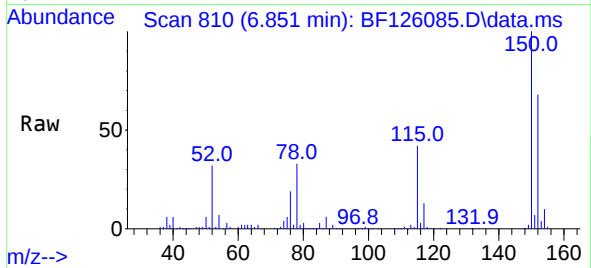




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126085.D
Acq: 9 Nov 2021 17:03

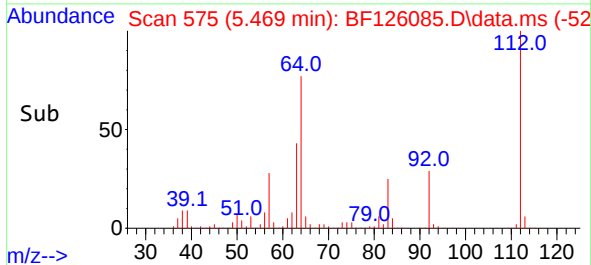
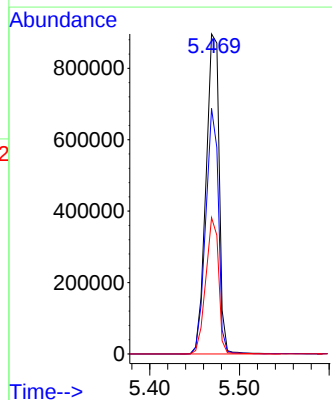
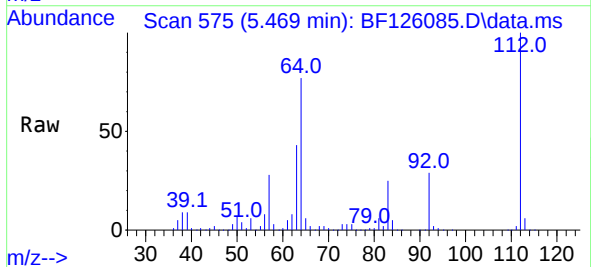
Instrument :
BNA_F
ClientSampleId :
MW-3

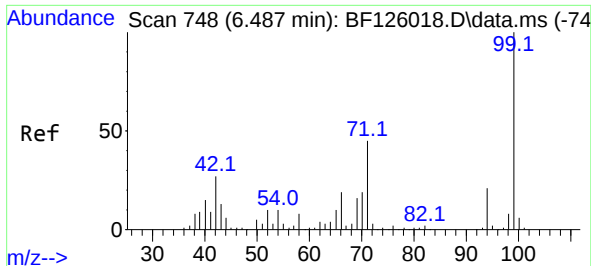
Tgt Ion:152 Resp: 178981
Ion Ratio Lower Upper
152 100
150 146.0 117.6 176.4
115 60.6 47.1 70.7



#5
2-Fluorophenol
Concen: 88.090 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126085.D
Acq: 9 Nov 2021 17:03

Tgt Ion:112 Resp: 918108
Ion Ratio Lower Upper
112 100
64 76.7 44.2 66.2#
63 42.6 26.2 39.2#

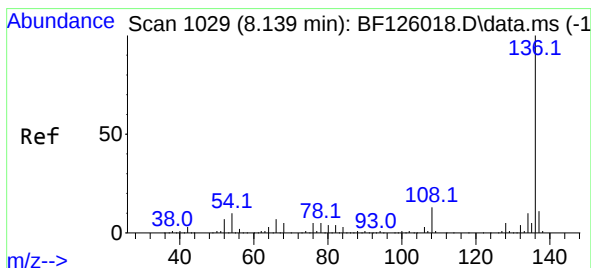
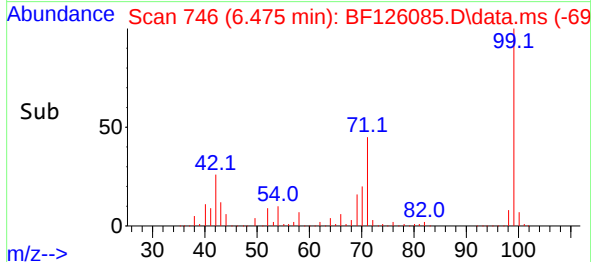
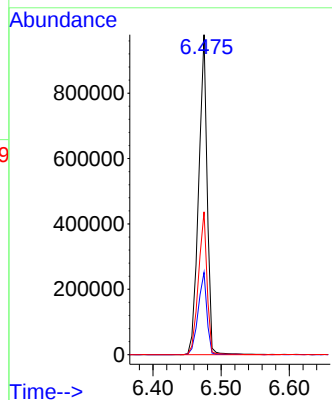
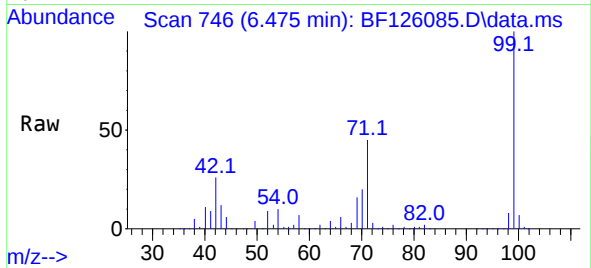




#7
Phenol-d6
Concen: 57.900 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126085.D
Acq: 9 Nov 2021 17:03

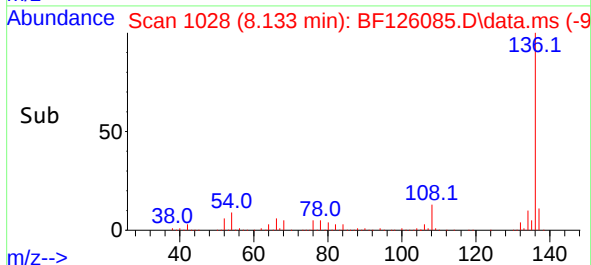
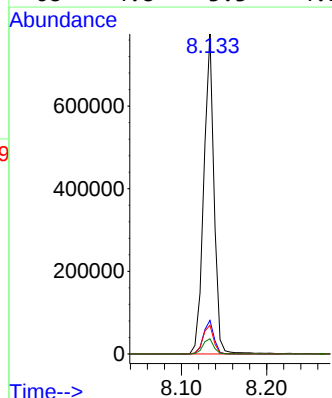
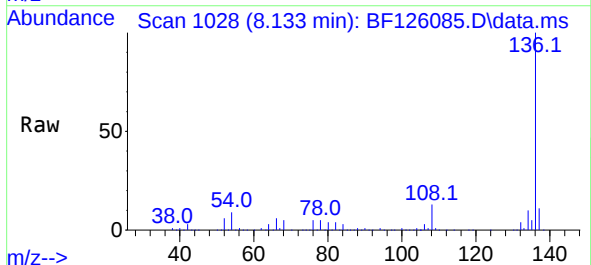
Instrument :
BNA_F
ClientSampleId :
MW-3

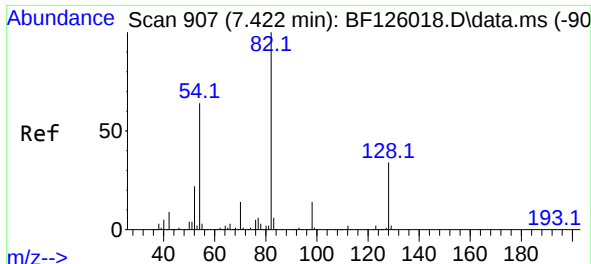
Tgt Ion: 99 Resp: 850676
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 44.7 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126085.D
Acq: 9 Nov 2021 17:03

Tgt Ion:136 Resp: 644433
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.0 6.4 9.6
68 4.8 3.3 4.9





#23

Nitrobenzene-d5

Concen: 95.609 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF126085.D

Acq: 9 Nov 2021 17:03

Instrument :

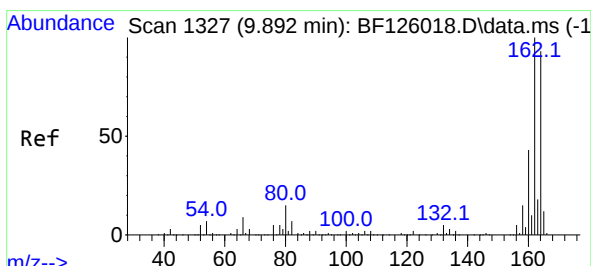
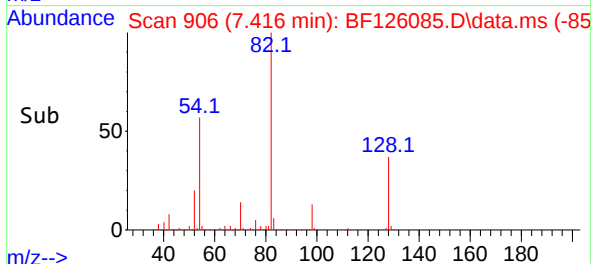
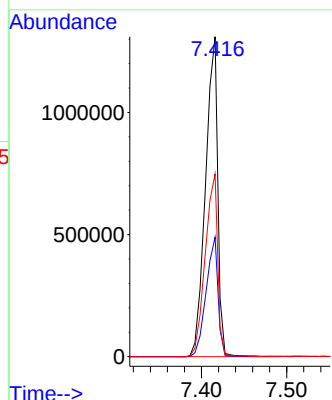
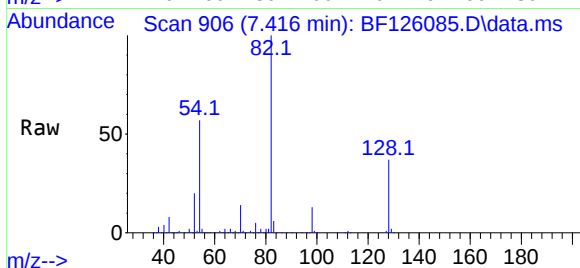
BNA_F

ClientSampleId :

MW-3

Tgt Ion: 82 Resp: 1306474

Ion	Ratio	Lower	Upper
82	100		
128	37.3	40.6	60.8
54	57.1	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

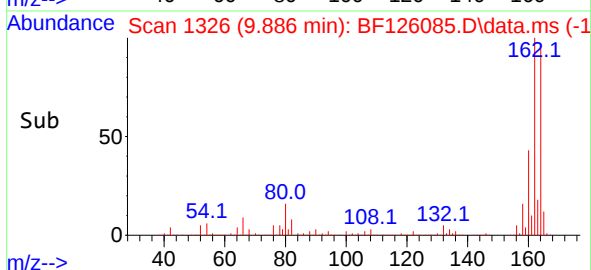
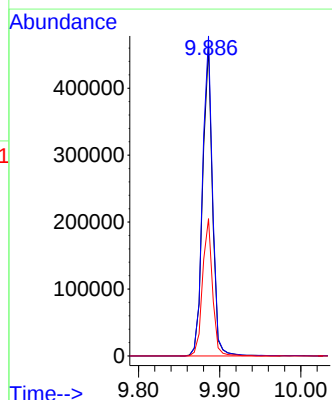
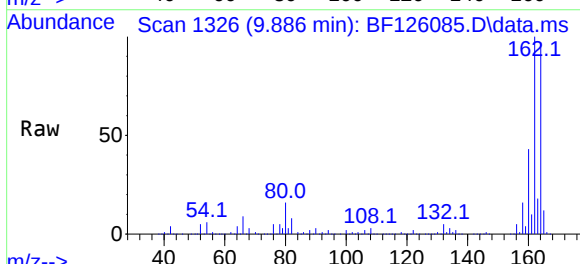
Delta R.T. -0.006 min

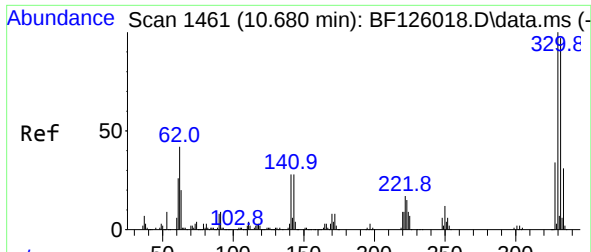
Lab File: BF126085.D

Acq: 9 Nov 2021 17:03

Tgt Ion:164 Resp: 389499

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.3	121.9
160	44.4	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 143.058 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126085.D

Acq: 9 Nov 2021 17:03

Instrument :

BNA_F

ClientSampleId :

MW-3

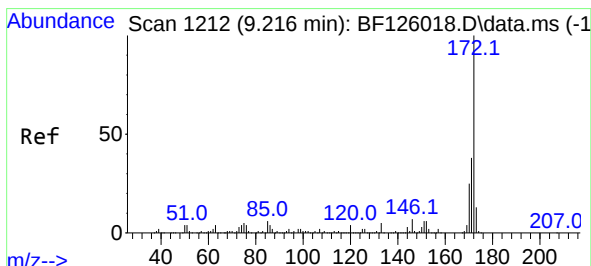
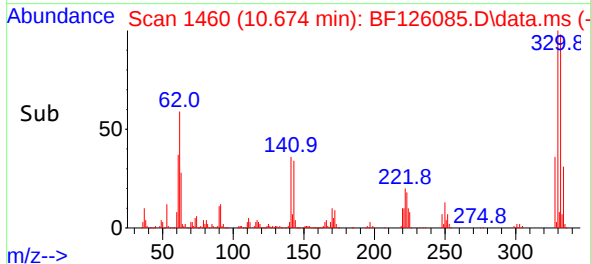
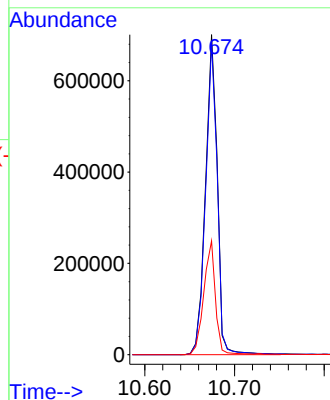
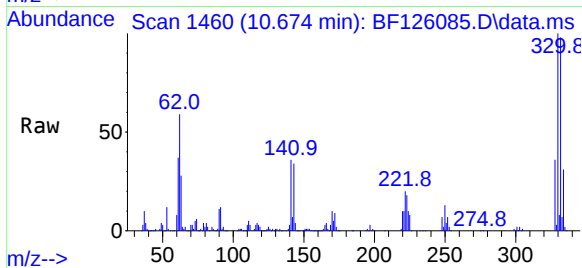
Tgt Ion:330 Resp: 638564

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 35.4 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 86.711 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126085.D

Acq: 9 Nov 2021 17:03

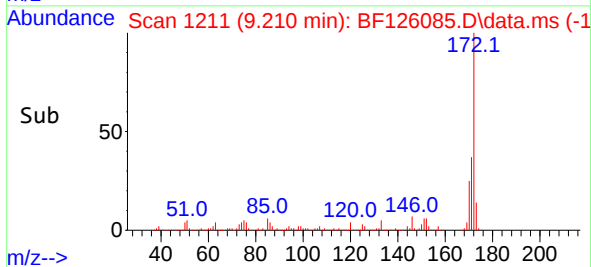
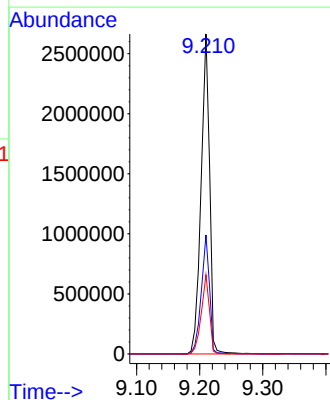
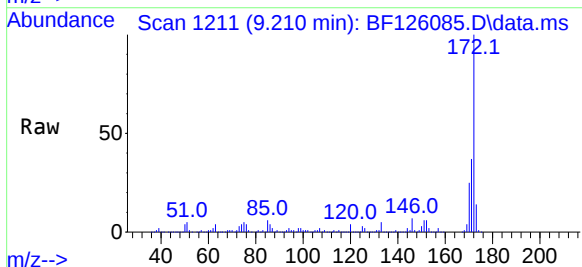
Tgt Ion:172 Resp: 2499243

Ion Ratio Lower Upper

172 100

171 37.2 26.5 39.7

170 24.8 18.8 28.2

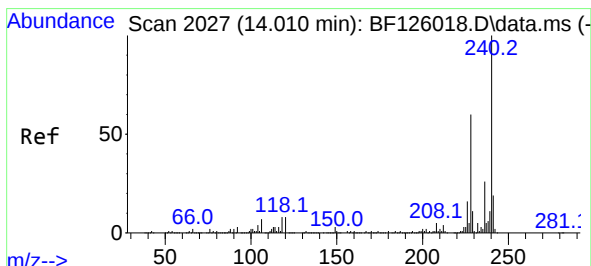
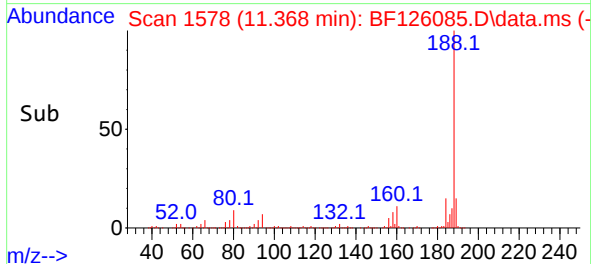
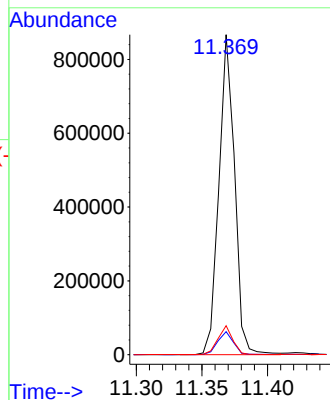
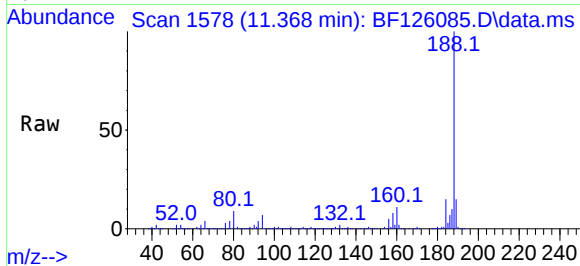




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126085.D
Acq: 9 Nov 2021 17:03

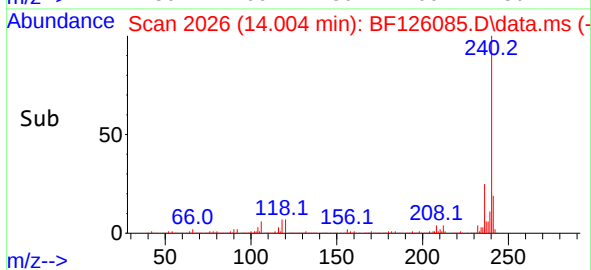
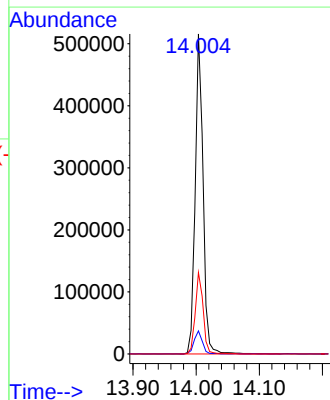
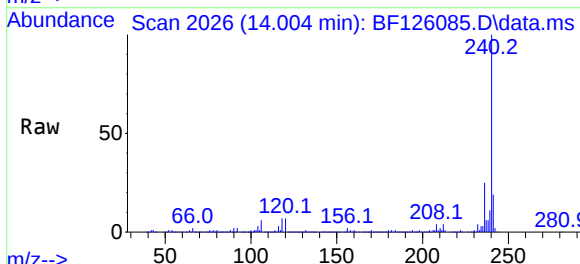
Instrument :
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Tgt Ion:188 Resp: 719870
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126085.D
Acq: 9 Nov 2021 17:03

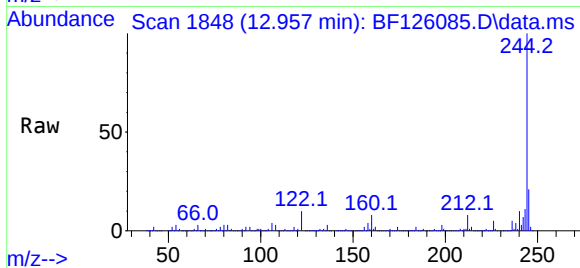
Tgt Ion:240 Resp: 446259
Ion Ratio Lower Upper
240 100
120 7.2 10.8 16.2#
236 25.4 21.6 32.4





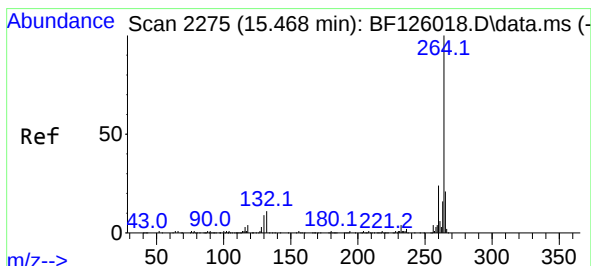
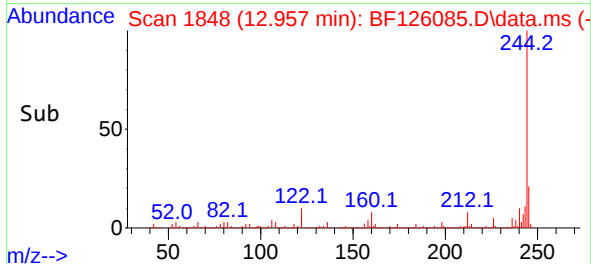
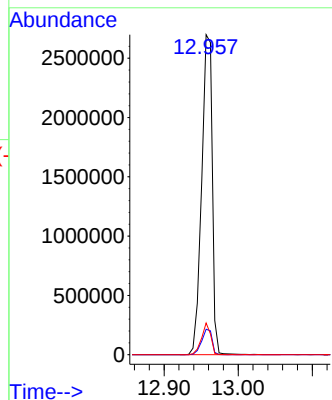
#79
 Terphenyl-d14
 Concen: 97.467 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126085.D
 Acq: 9 Nov 2021 17:03

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2697313

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	9.9	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126085.D
 Acq: 9 Nov 2021 17:03

Tgt Ion:264 Resp: 392447

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.9	17.2	25.8

