

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133242.D
 Acq On : 04 May 2023 21:07
 Operator : CG\JU
 Sample : 02588-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PILE-A-UNK-05022023

Quant Time: May 05 05:32:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

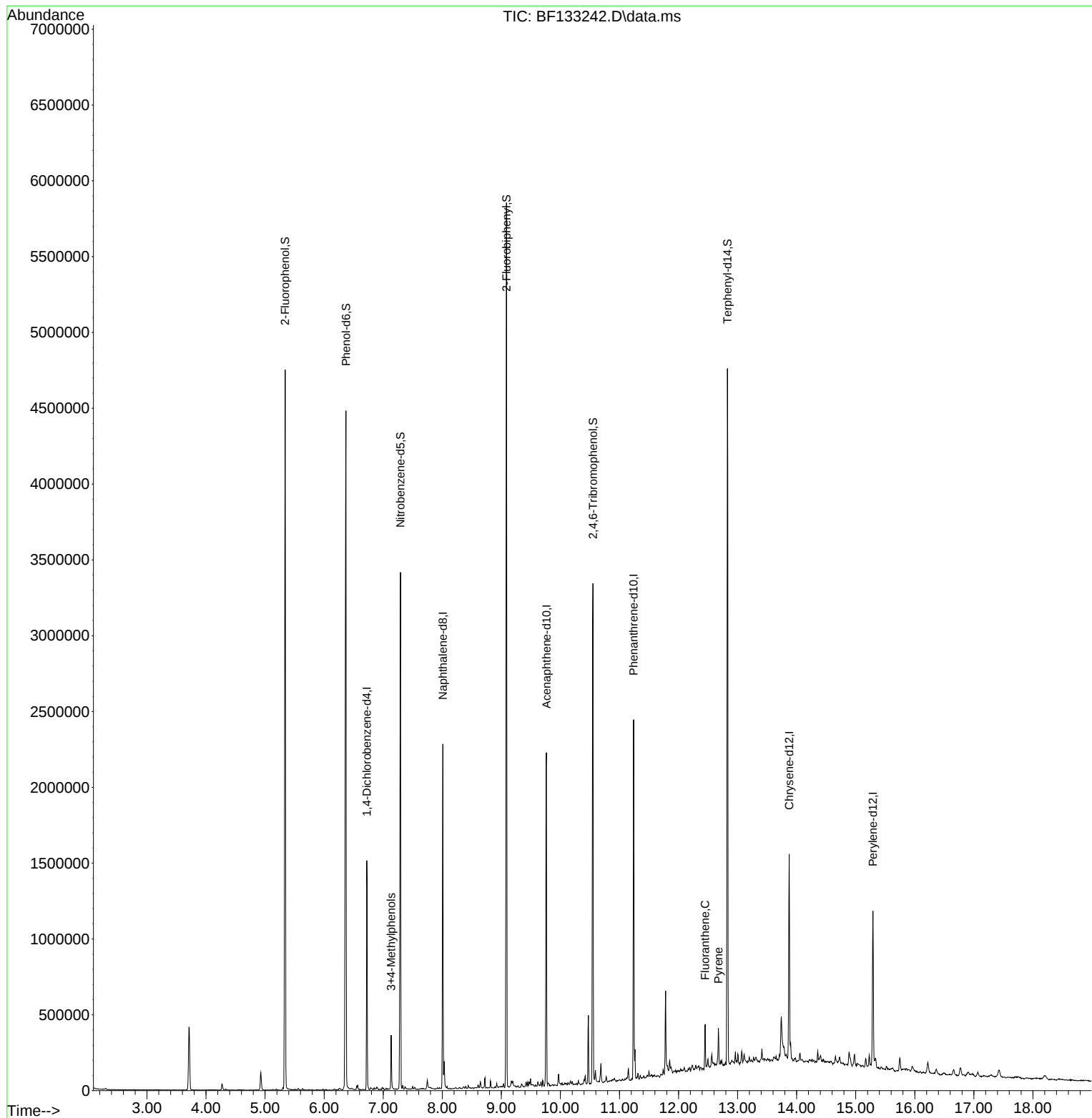
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	214892	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	856230	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	454557	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	811376	20.000	ng	0.00
76) Chrysene-d12	13.874	240	412004	20.000	ng	-0.01
86) Perylene-d12	15.292	264	429623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1435427	100.905	ng	0.00
7) Phenol-d6	6.369	99	1725208	97.708	ng	0.00
23) Nitrobenzene-d5	7.292	82	1028382	64.829	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	425842	93.153	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1712811	63.040	ng	0.00
79) Terphenyl-d14	12.827	244	1720161	72.007	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.134	107	78105	5.015	ng	# 59
75) Fluoranthene	12.451	202	107380	2.453	ng	96
78) Pyrene	12.674	202	94555	2.677	ng	99

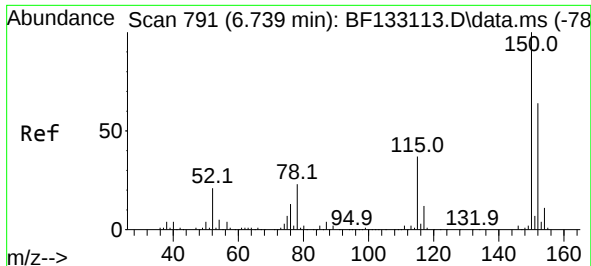
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 05 05:32:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 12:22:53 2023
Response via : Initial Calibration

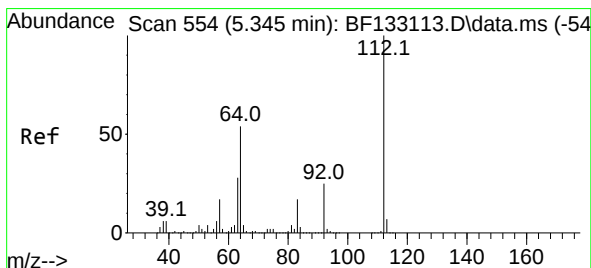
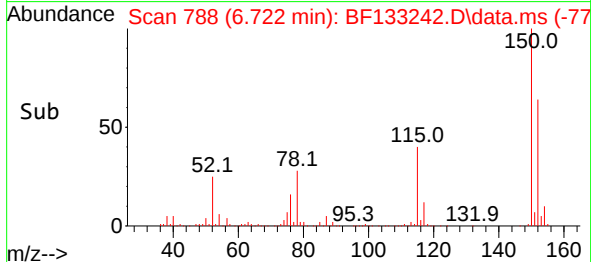
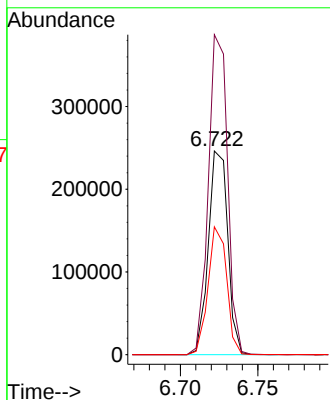
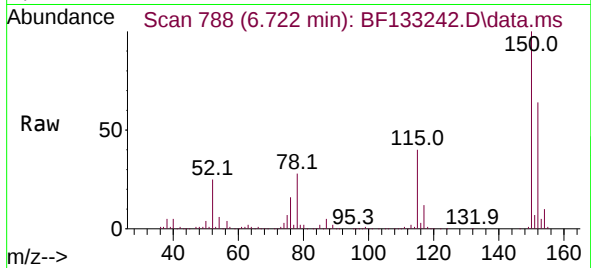




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133242.D
 Acq: 04 May 2023 21:07

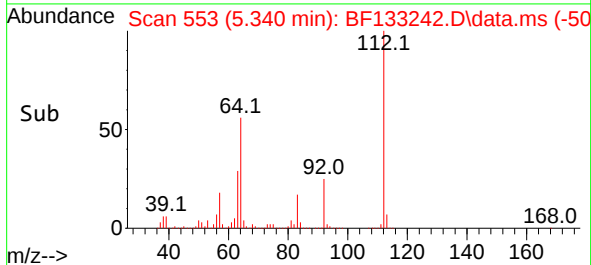
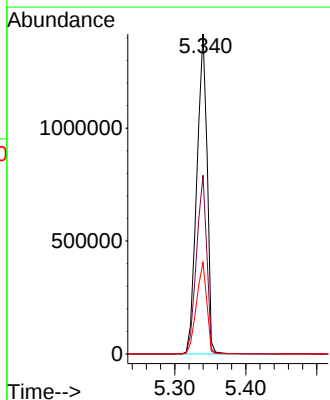
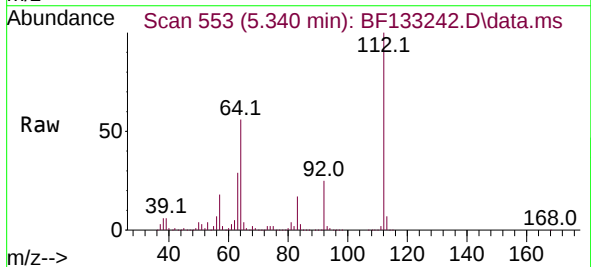
Instrument :
 BNA_F
 ClientSampleId :
 PILE-A-UNK-05022023

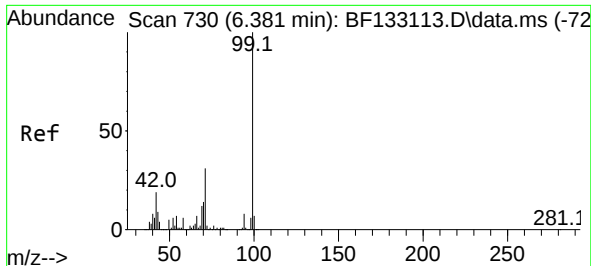
Tgt Ion:152 Resp: 214892
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.8 187.2
 115 62.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 100.905 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133242.D
 Acq: 04 May 2023 21:07

Tgt Ion:112 Resp: 1435427
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.8 70.2
 63 28.6 23.8 35.8



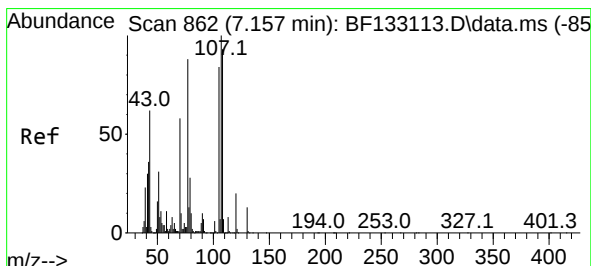
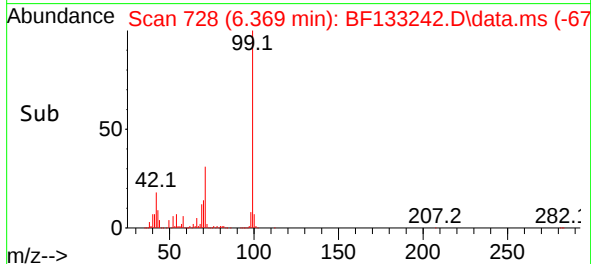
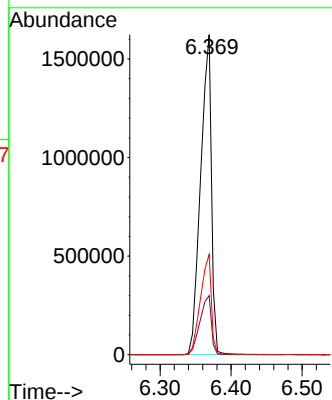
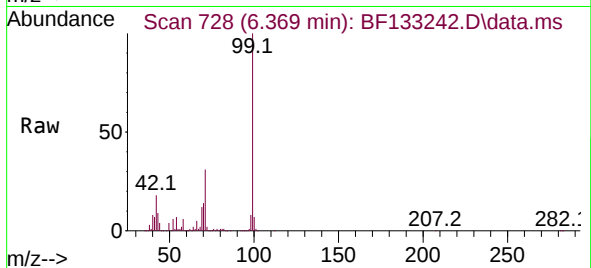


#7
Phenol-d6
Concen: 97.708 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133242.D
Acq: 04 May 2023 21:07

Instrument :
BNA_F
ClientSampleId :
PILE-A-UNK-05022023

Tgt Ion: 99 Resp: 1725208

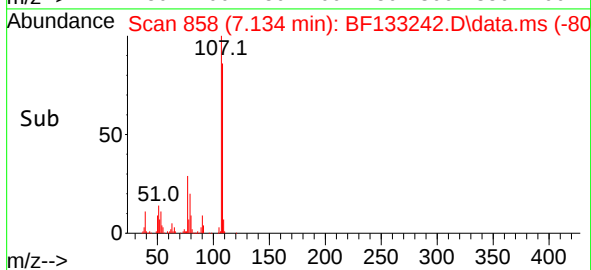
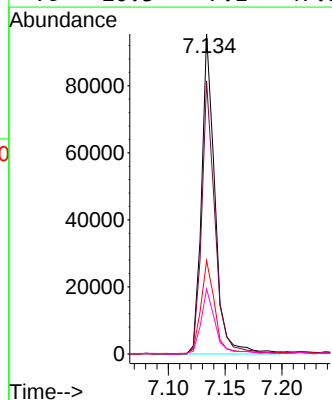
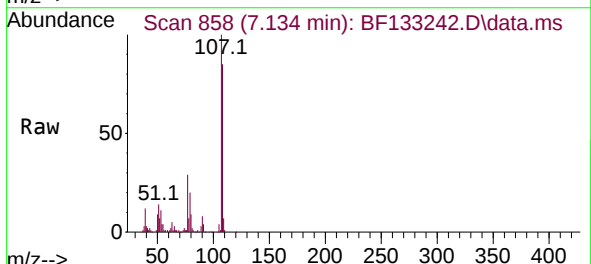
Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	31.3	25.6	38.4

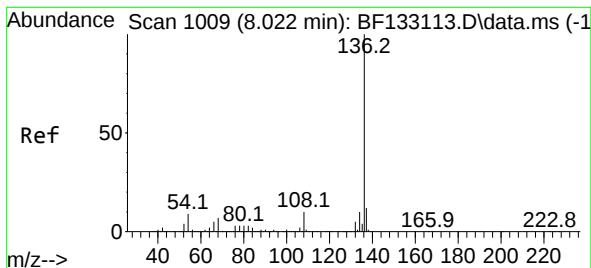


#20
3+4-Methylphenols
Concen: 5.015 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF133242.D
Acq: 04 May 2023 21:07

Tgt Ion: 107 Resp: 78105

Ion	Ratio	Lower	Upper
107	100		
108	85.2	70.5	110.5
77	29.2	91.7	131.7#
79	20.3	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133242.D

Acq: 04 May 2023 21:07

Instrument :

BNA_F

ClientSampleId :

PILE-A-UNK-05022023

Tgt Ion:136 Resp: 856230

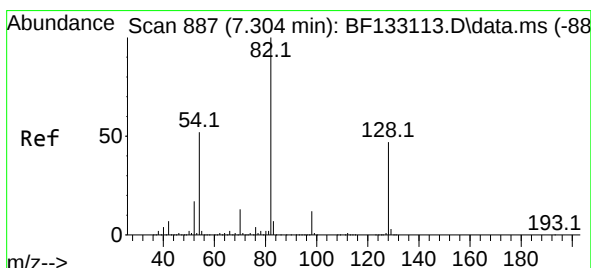
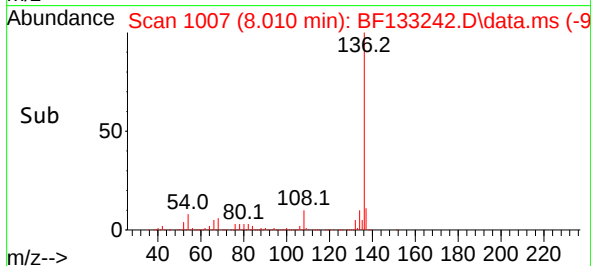
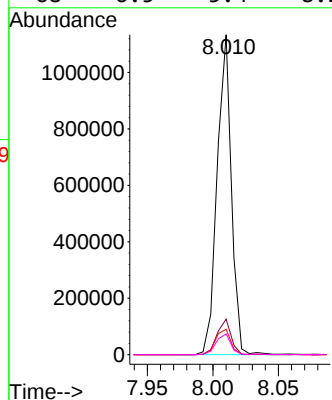
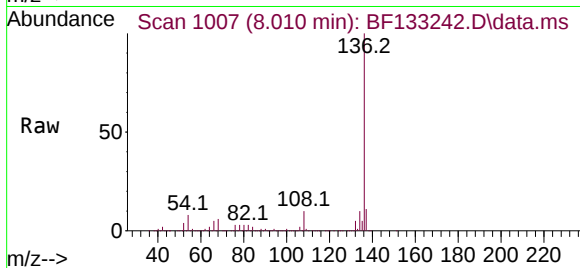
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.9 7.0 10.4

68 6.5 5.4 8.2



#23

Nitrobenzene-d5

Concen: 64.829 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133242.D

Acq: 04 May 2023 21:07

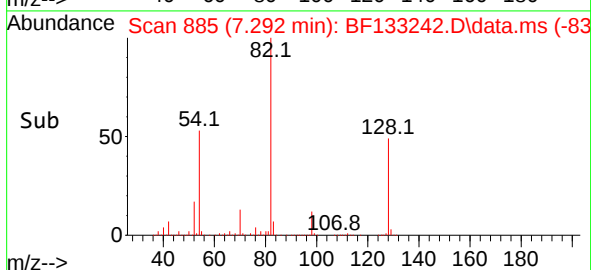
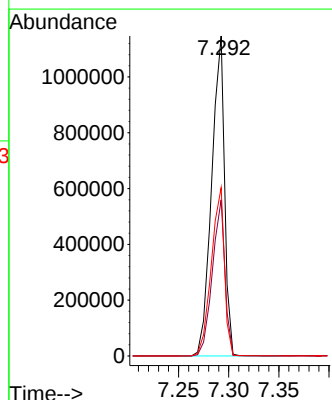
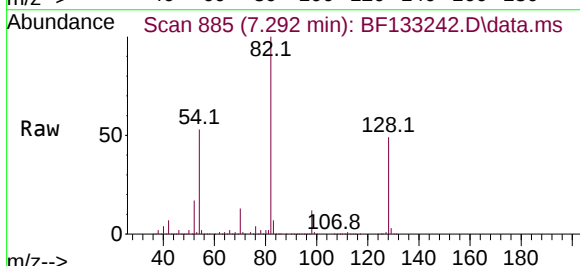
Tgt Ion: 82 Resp: 1028382

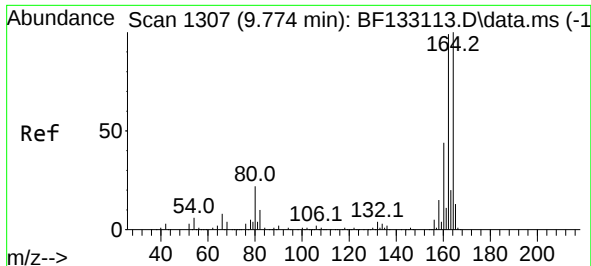
Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 52.6 43.0 64.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133242.D

Acq: 04 May 2023 21:07

Instrument :

BNA_F

ClientSampleId :

PILE-A-UNK-05022023

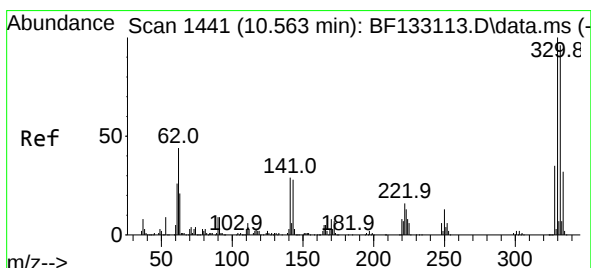
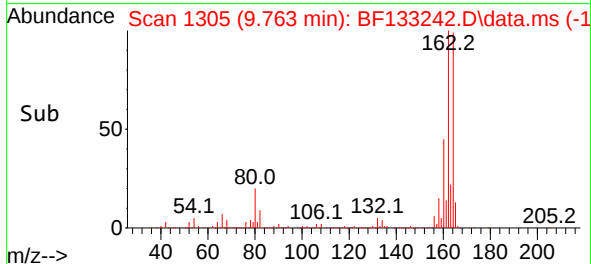
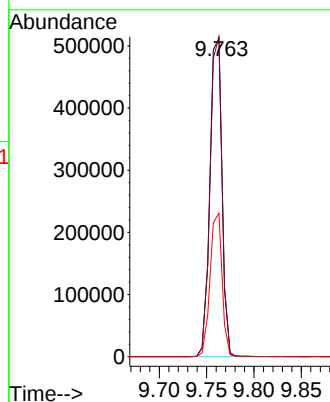
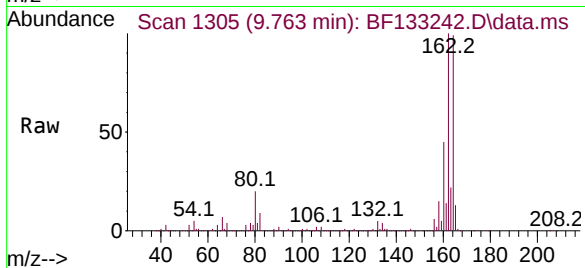
Tgt Ion:164 Resp: 454557

Ion Ratio Lower Upper

164 100

162 100.6 78.7 118.1

160 45.1 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 93.153 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF133242.D

Acq: 04 May 2023 21:07

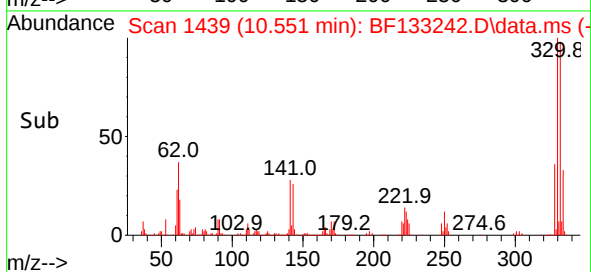
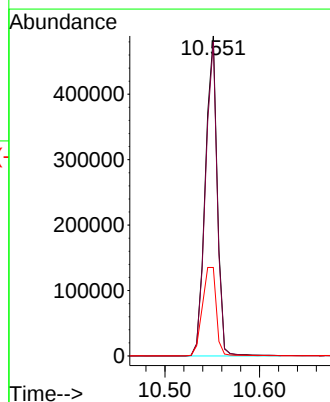
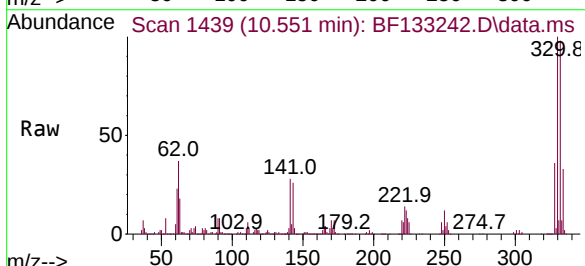
Tgt Ion:330 Resp: 425842

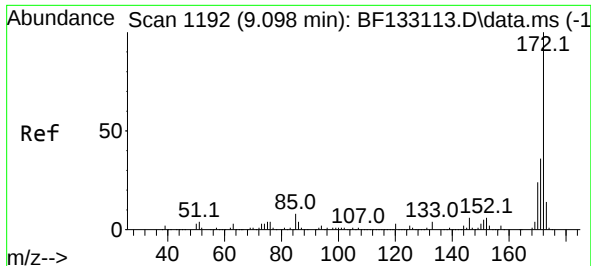
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 32.2 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 63.040 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF133242.D

Acq: 04 May 2023 21:07

Instrument :

BNA_F

ClientSampleId :

PILE-A-UNK-05022023

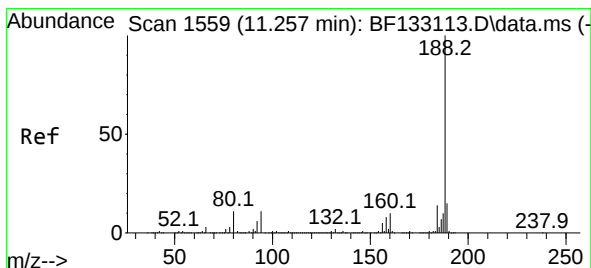
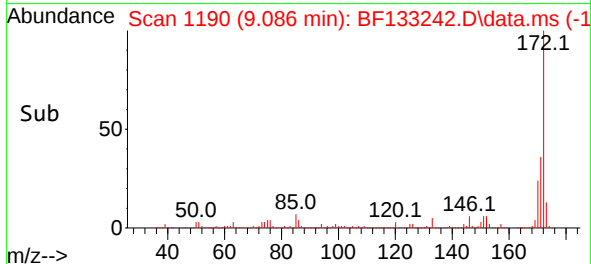
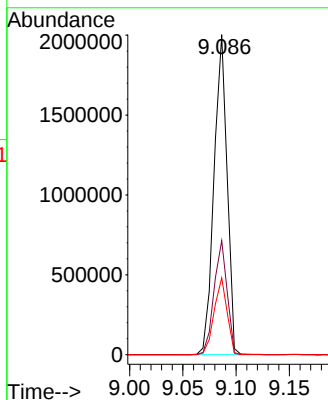
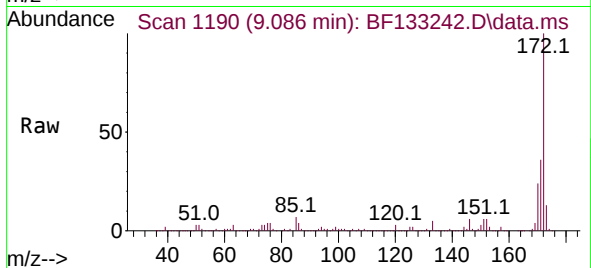
Tgt Ion:172 Resp: 1712811

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.0 19.4 29.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133242.D

Acq: 04 May 2023 21:07

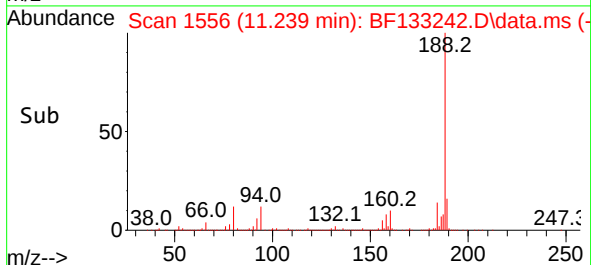
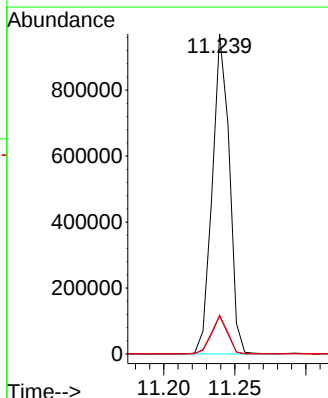
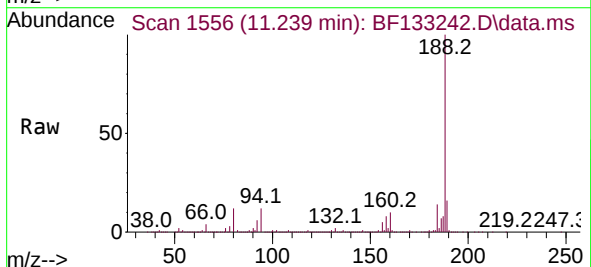
Tgt Ion:188 Resp: 811376

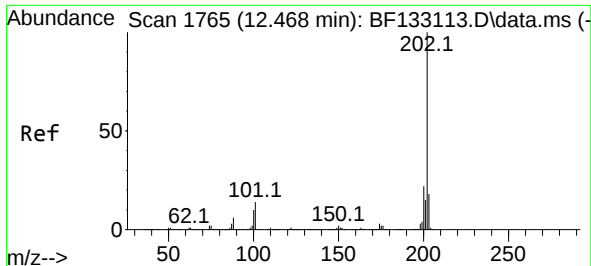
Ion Ratio Lower Upper

188 100

94 11.9 9.7 14.5

80 12.1 10.4 15.6

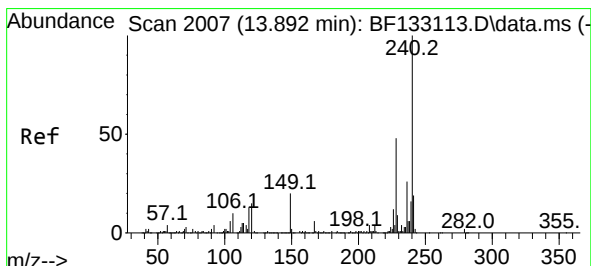
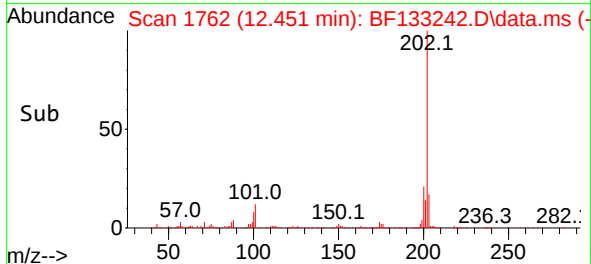
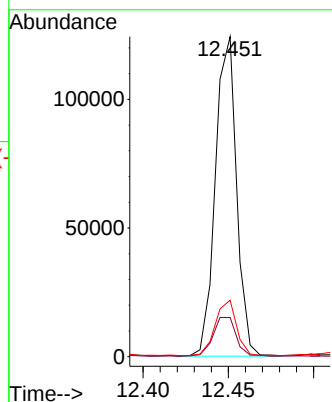
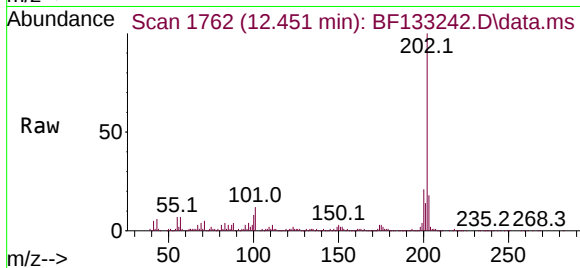




#75
Fluoranthene
Concen: 2.453 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133242.D
Acq: 04 May 2023 21:07

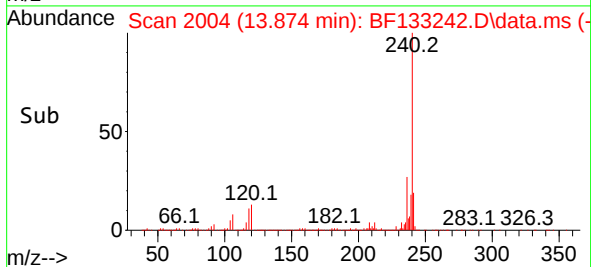
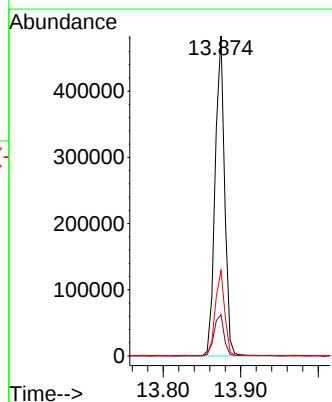
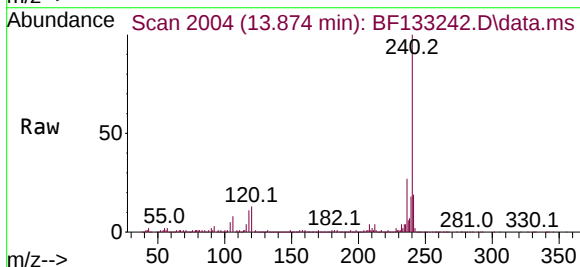
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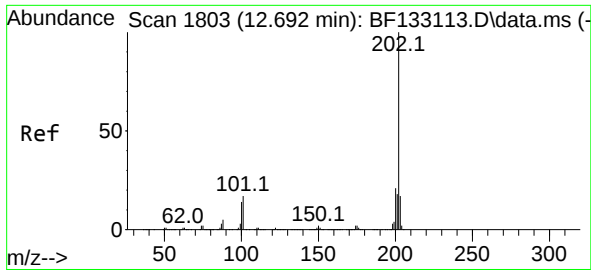
Tgt Ion:202 Resp: 107380
Ion Ratio Lower Upper
202 100
101 12.2 0.0 35.3
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133242.D
Acq: 04 May 2023 21:07

Tgt Ion:240 Resp: 412004
Ion Ratio Lower Upper
240 100
120 12.9 10.5 15.7
236 26.7 21.5 32.3

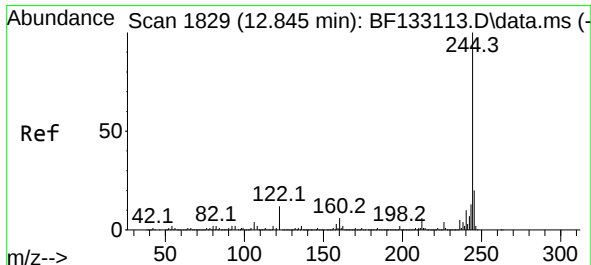
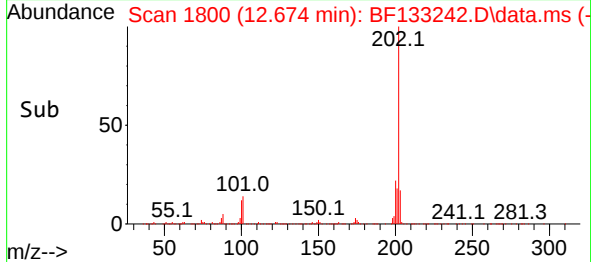
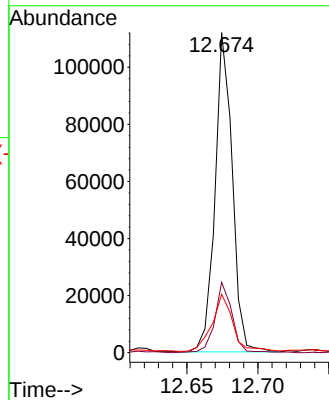
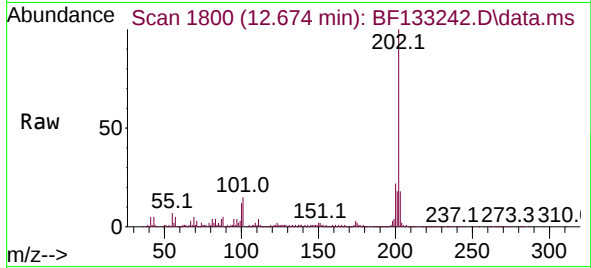




#78
 Pyrene
 Concen: 2.677 ng
 RT: 12.674 min Scan# 1800
 Delta R.T. -0.012 min
 Lab File: BF133242.D
 Acq: 04 May 2023 21:07

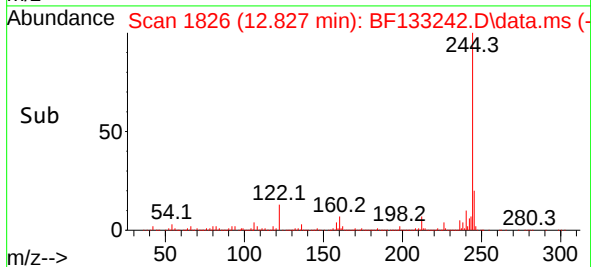
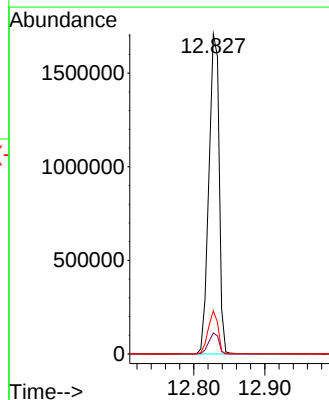
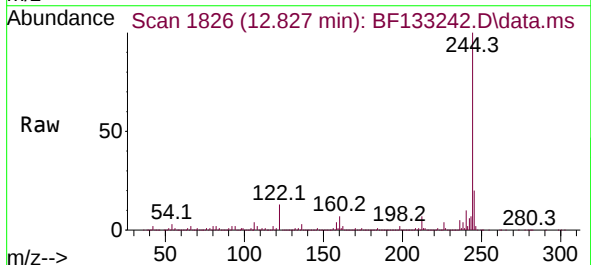
Instrument :
 BNA_F
 ClientSampleId :
 PILE-A-UNK-05022023

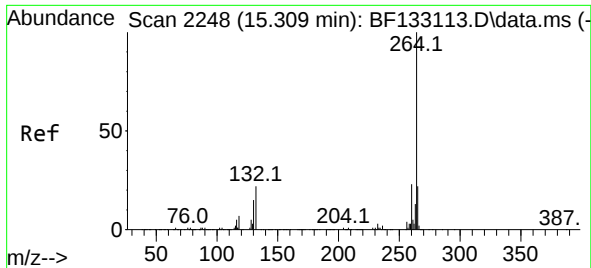
Tgt Ion:202 Resp: 94555
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.1 25.7
 203 18.3 14.1 21.1



#79
 Terphenyl-d14
 Concen: 72.007 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133242.D
 Acq: 04 May 2023 21:07

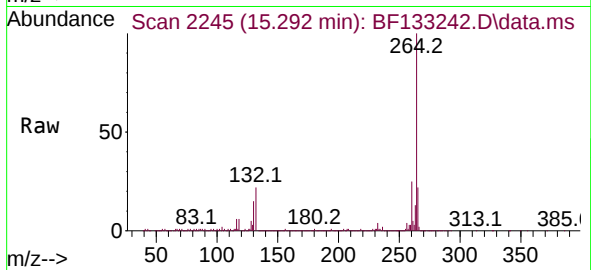
Tgt Ion:244 Resp: 1720161
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.5 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133242.D
Acq: 04 May 2023 21:07

Instrument :
BNA_F
ClientSampleId :
PILE-A-UNK-05022023



Tgt Ion:264 Resp: 429623

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	22.1	17.0	25.4

