

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128248.D
 Acq On : 13 May 2022 19:39
 Operator : CG\JU
 Sample : N2823-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAC-1

Quant Time: May 14 00:57:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

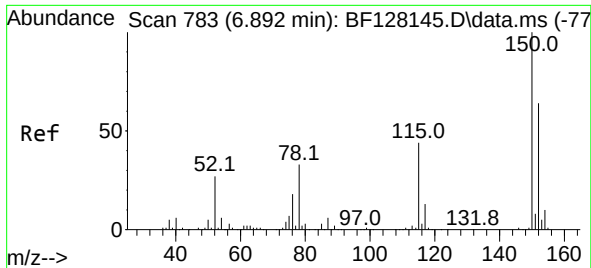
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	56717	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	207366	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	99181	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	154625	20.000	ng	0.00
76) Chrysene-d12	14.098	240	96154	20.000	ng	# 0.03
86) Perylene-d12	15.615	264	61750	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	219998	61.834	ng	0.00
7) Phenol-d6	6.516	99	295389	62.771	ng	-0.01
23) Nitrobenzene-d5	7.451	82	208008	45.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	57784	50.800	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	325979	51.427	ng	-0.01
79) Terphenyl-d14	13.016	244	263136	51.350	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	314	Below Cal	#	77
25) Isophorone	7.451	82	206599	28.595	ng	# 68
81) Benzo(a)anthracene	14.110	228	21853	3.558	ng	# 27
83) Chrysene	14.110	228	21979	3.751	ng	# 35
84) Bis(2-ethylhexyl)phtha...	14.051	149	12324	3.147	ng	# 70

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

Quant Time: May 14 00:57:00 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

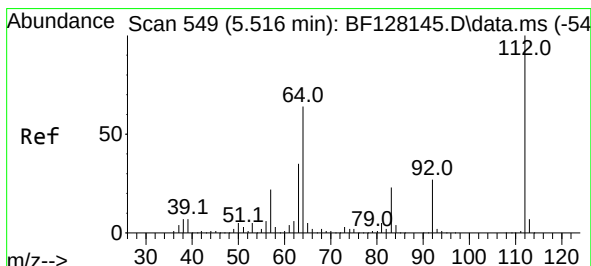
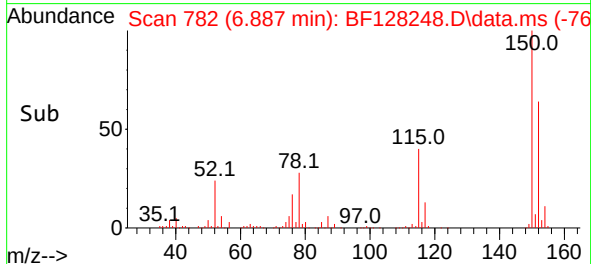
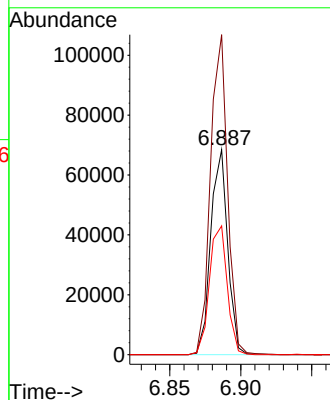
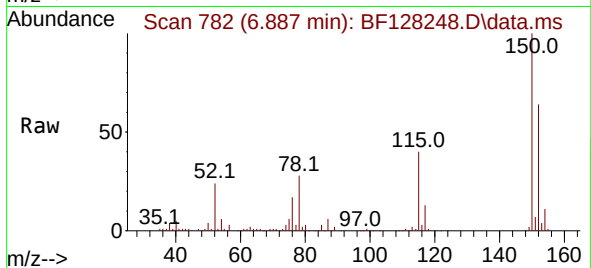




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128248.D
 Acq: 13 May 2022 19:39

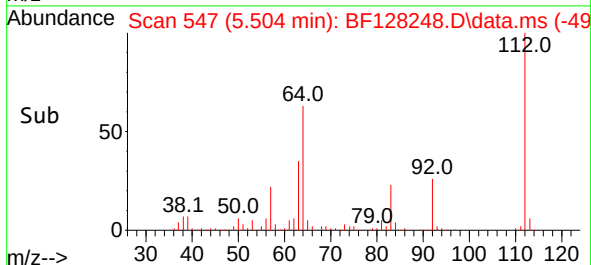
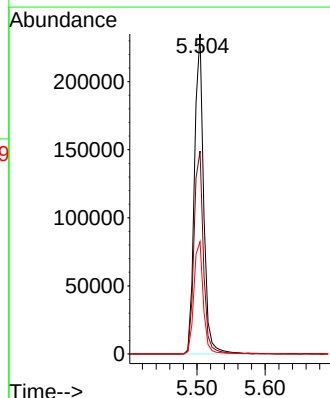
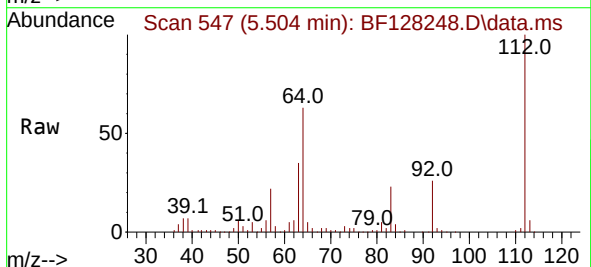
Instrument :
 BNA_F
 ClientSampleId :
 SAC-1

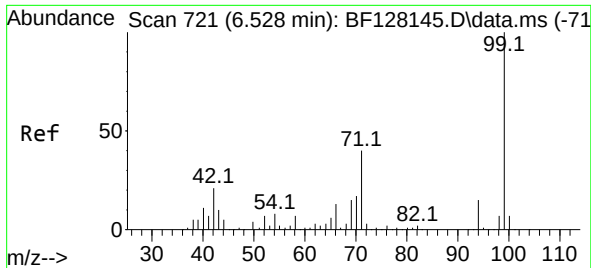
Tgt Ion:152 Resp: 56717
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.3 187.9
 115 62.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 61.834 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.006 min
 Lab File: BF128248.D
 Acq: 13 May 2022 19:39

Tgt Ion:112 Resp: 219998
 Ion Ratio Lower Upper
 112 100
 64 63.4 49.5 74.3
 63 35.1 26.3 39.5

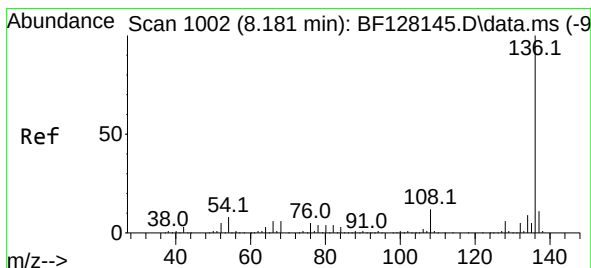
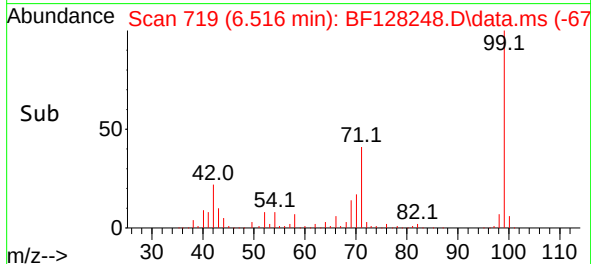
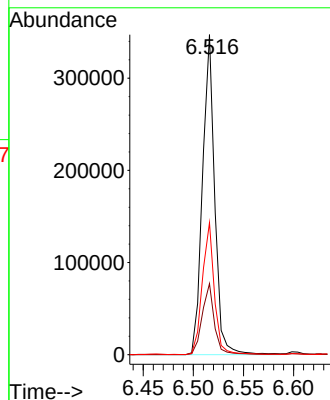
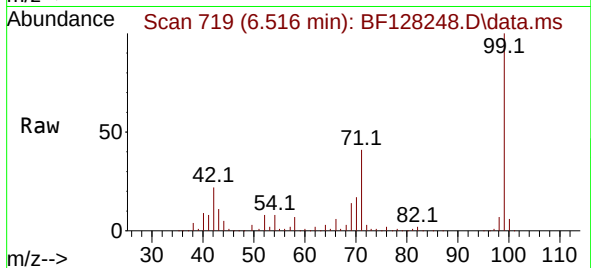




#7
Phenol-d6
Concen: 62.771 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

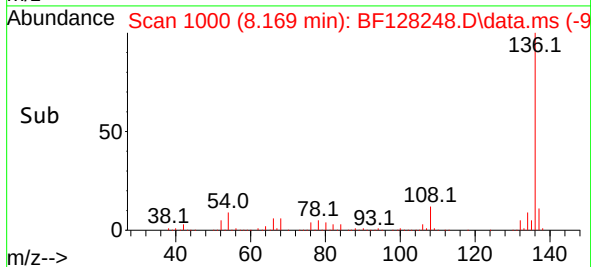
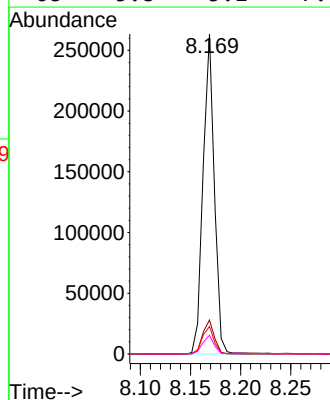
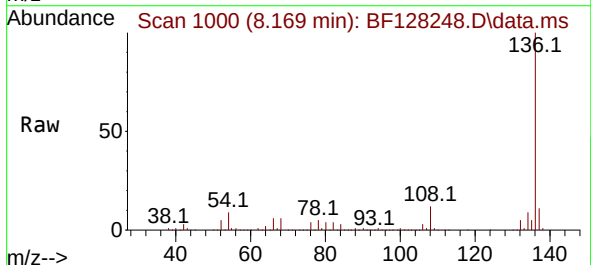
Instrument :
BNA_F
ClientSampleId :
SAC-1

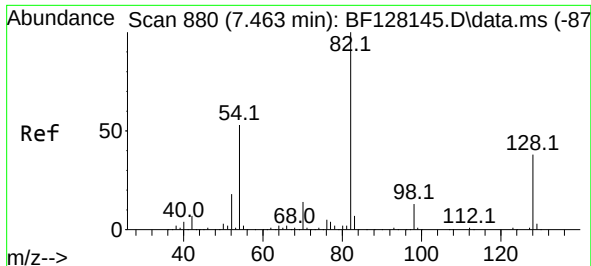
Tgt Ion: 99 Resp: 295389
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 41.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

Tgt Ion: 136 Resp: 207366
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 6.8 10.2
68 5.8 5.1 7.7

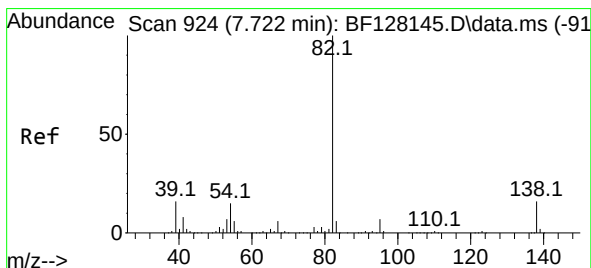
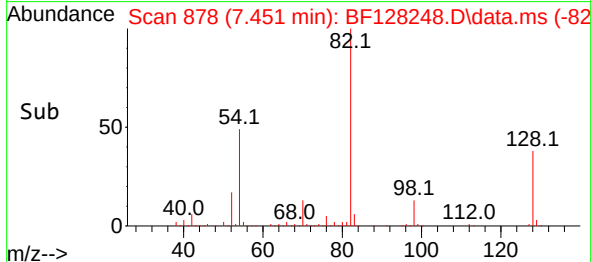
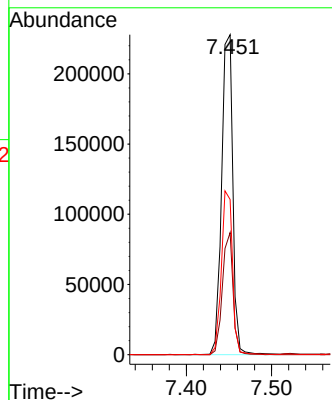
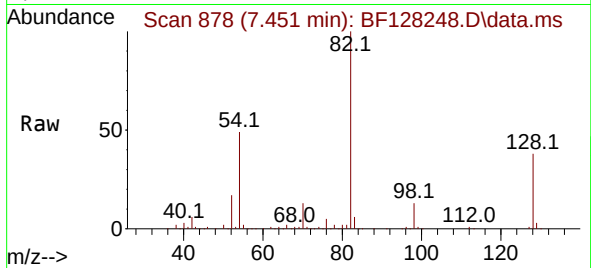




#23
Nitrobenzene-d5
Concen: 45.136 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

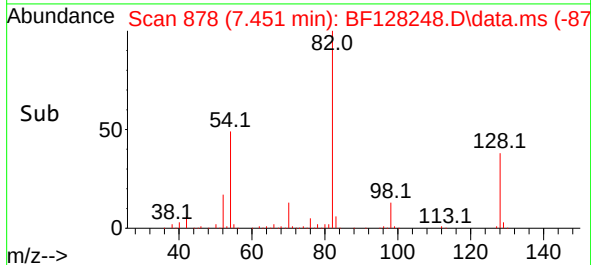
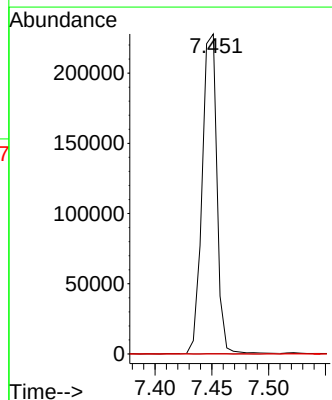
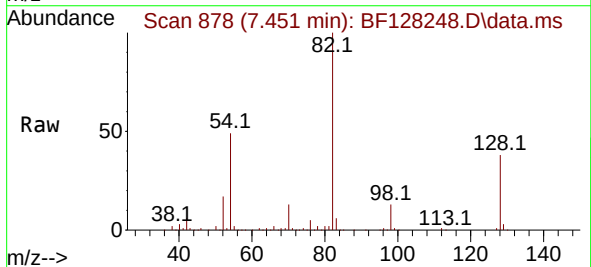
Instrument :
BNA_F
ClientSampleId :
SAC-1

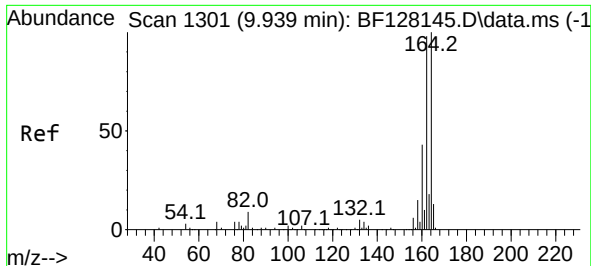
Tgt Ion: 82 Resp: 208008
Ion Ratio Lower Upper
82 100
128 38.1 30.0 45.0
54 48.5 41.3 61.9



#25
Isophorone
Concen: 28.595 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

Tgt Ion: 82 Resp: 206599
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128248.D

Acq: 13 May 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SAC-1

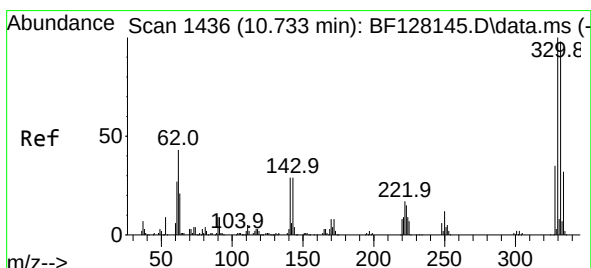
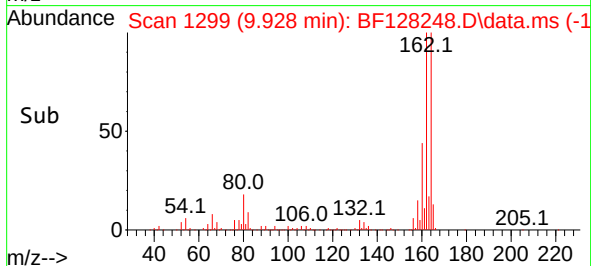
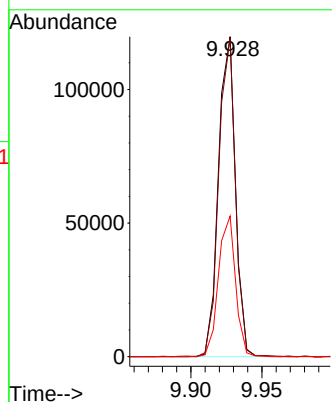
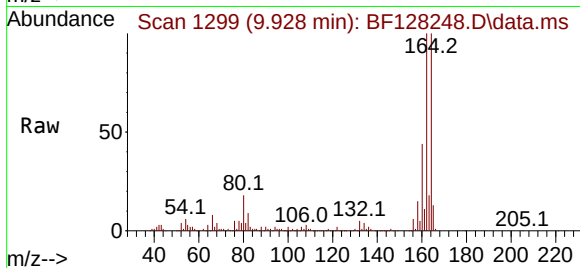
Tgt Ion:164 Resp: 99181

Ion Ratio Lower Upper

164 100

162 99.6 76.0 114.0

160 43.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 50.800 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128248.D

Acq: 13 May 2022 19:39

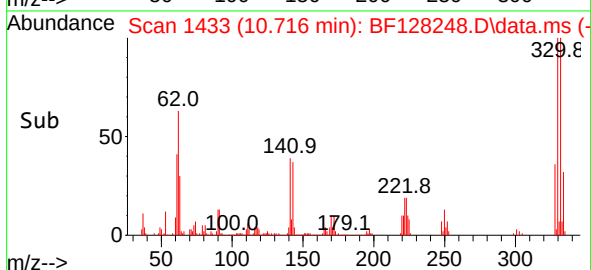
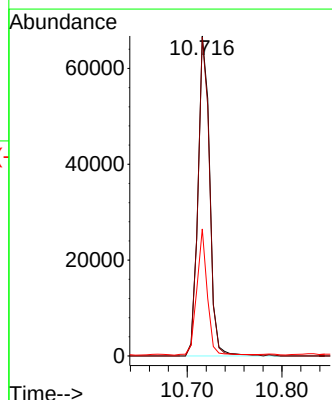
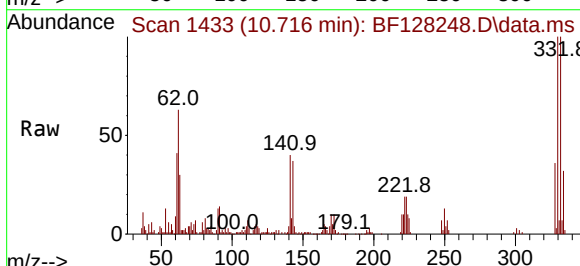
Tgt Ion:330 Resp: 57784

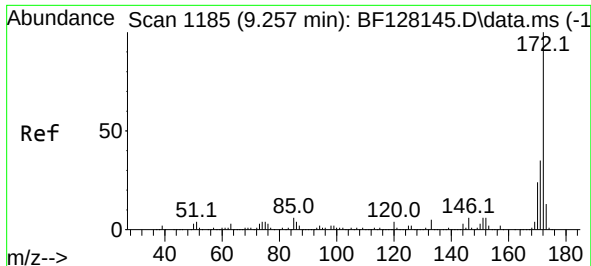
Ion Ratio Lower Upper

330 100

332 97.7 79.0 118.4

141 35.2 28.9 43.3

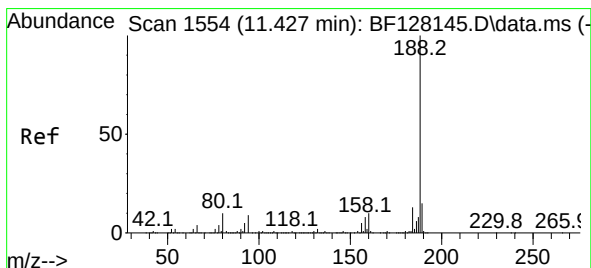
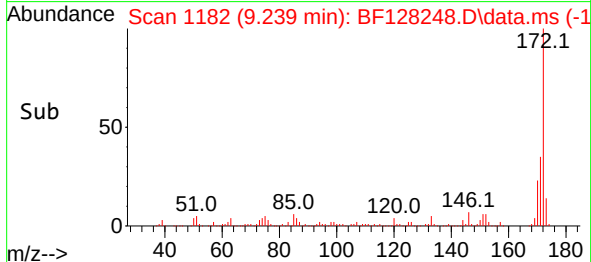
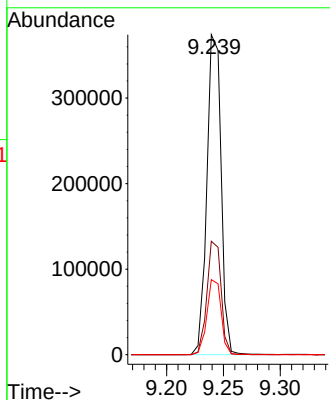
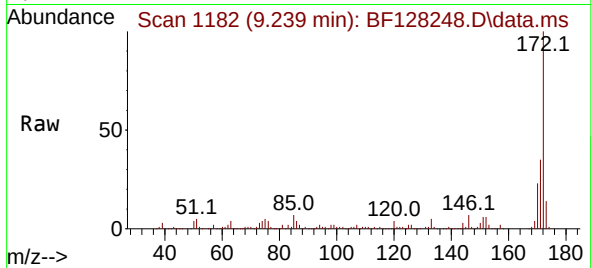




#45
2-Fluorobiphenyl
Concen: 51.427 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

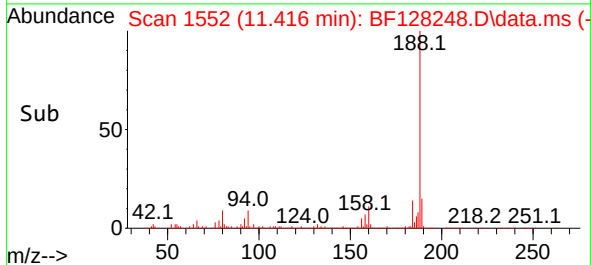
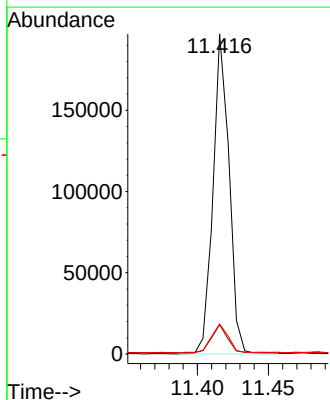
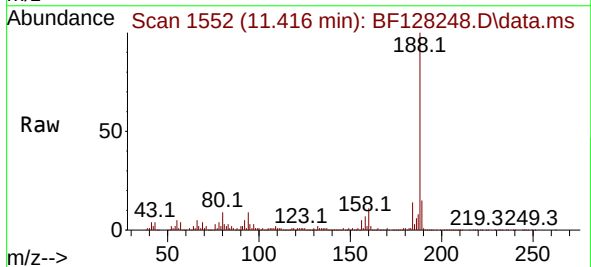
Instrument :
BNA_F
ClientSampleId :
SAC-1

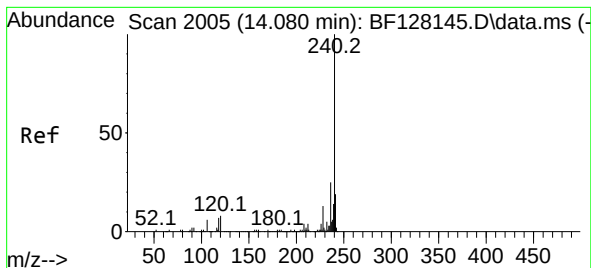
Tgt Ion:172 Resp: 325979
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

Tgt Ion:188 Resp: 154625
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.4 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2005

Delta R.T. 0.029 min

Lab File: BF128248.D

Acq: 13 May 2022 19:39

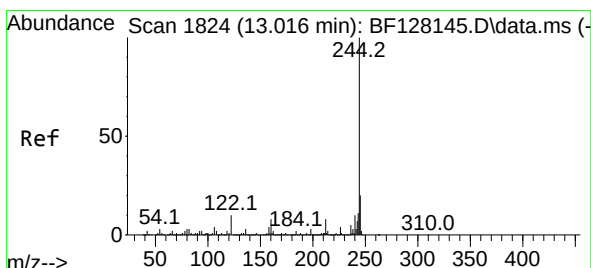
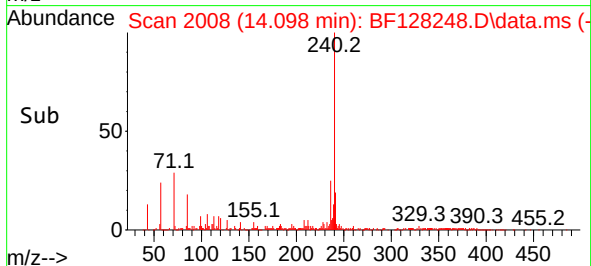
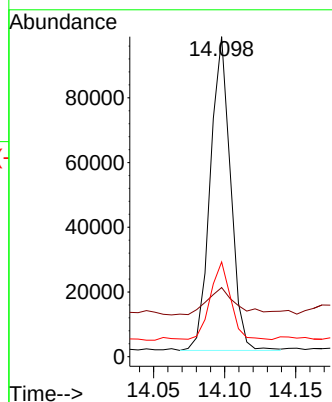
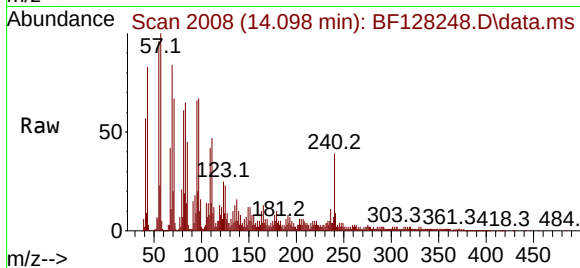
Instrument :

BNA_F

ClientSampleId :

SAC-1

Tgt Ion:240	Resp:	96154
Ion Ratio	Lower	Upper
240	100	
120	21.6	7.0 10.6#
236	29.6	20.3 30.5



#79

Terphenyl-d14

Concen: 51.350 ng

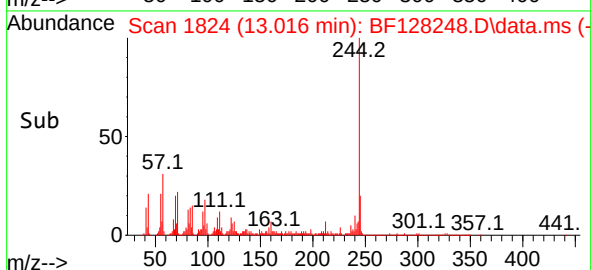
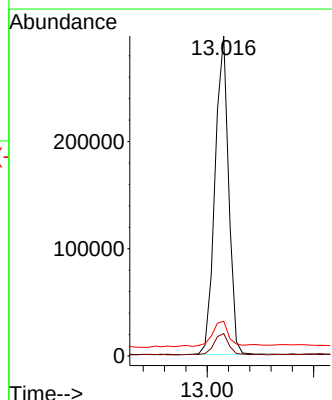
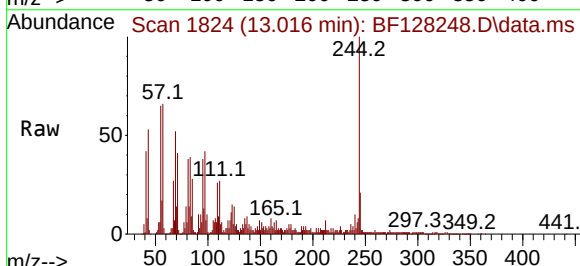
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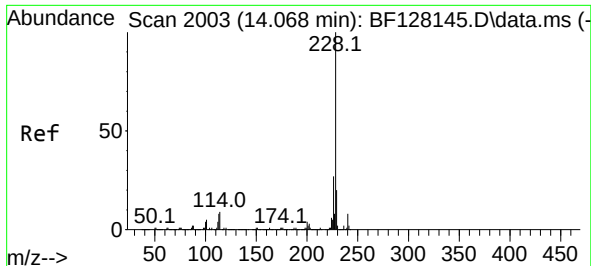
Delta R.T. 0.006 min

Lab File: BF128248.D

Acq: 13 May 2022 19:39

Tgt Ion:244	Resp:	263136
Ion Ratio	Lower	Upper
244	100	
212	7.0	6.2 9.4
122	10.9	8.6 12.8

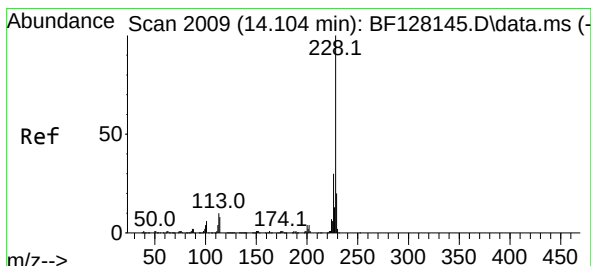
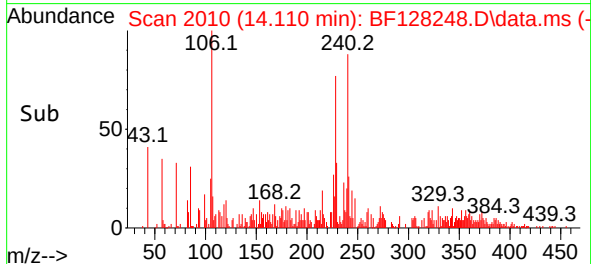
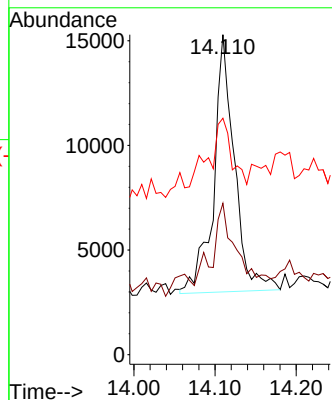
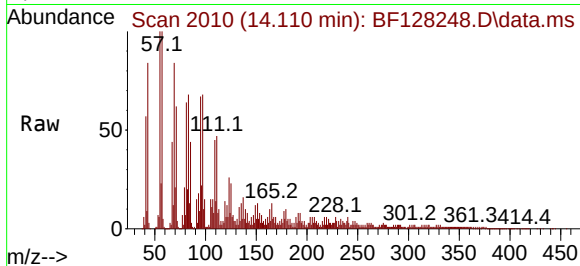




#81
Benzo(a)anthracene
Concen: 3.558 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.053 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

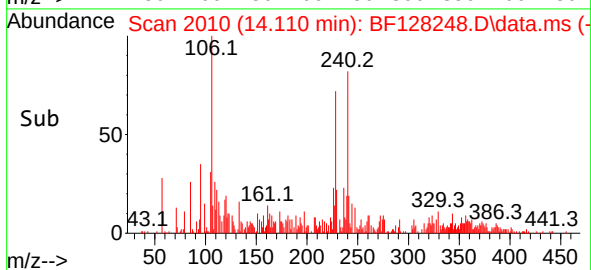
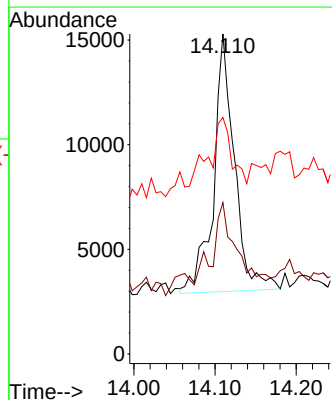
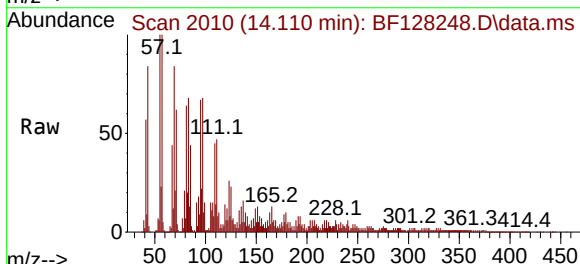
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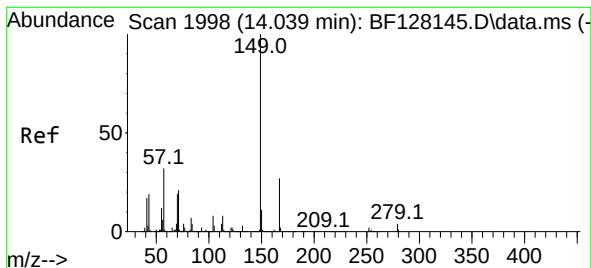
Tgt Ion:228 Resp: 21853
Ion Ratio Lower Upper
228 100
226 47.3 21.7 32.5#
229 73.9 15.4 23.2#



#83
Chrysene
Concen: 3.751 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

Tgt Ion:228 Resp: 21979
Ion Ratio Lower Upper
228 100
226 47.3 24.4 36.6#
229 73.9 15.8 23.8#

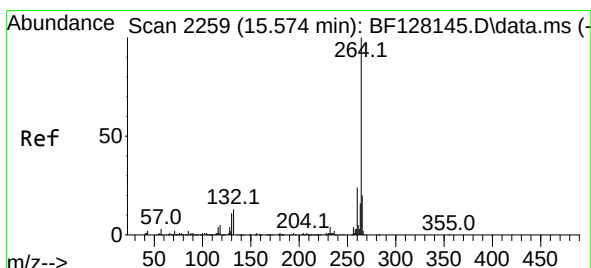
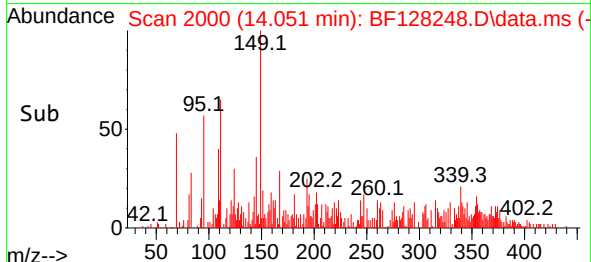
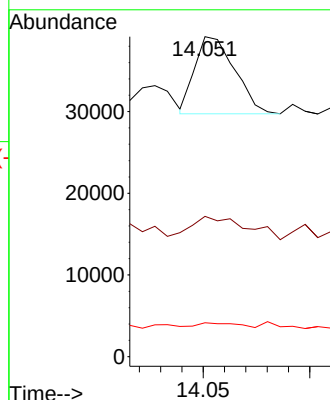
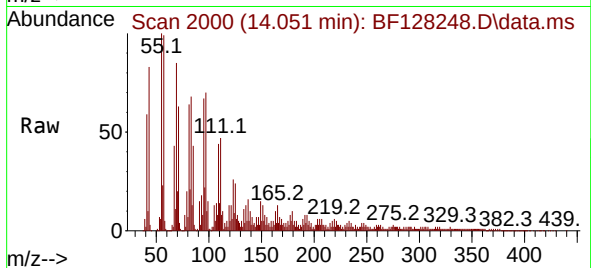




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.147 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.024 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

Instrument :
BNA_F
ClientSampleId :
SAC-1

Tgt Ion:149 Resp: 12324
Ion Ratio Lower Upper
149 100
167 43.9 22.0 33.0#
279 10.6 3.4 5.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2266
Delta R.T. 0.053 min
Lab File: BF128248.D
Acq: 13 May 2022 19:39

Tgt Ion:264 Resp: 61750
Ion Ratio Lower Upper
264 100
260 29.3 20.1 30.1
265 28.7 17.5 26.3#

