

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128342.D
 Acq On : 19 May 2022 17:57
 Operator : CG\JU
 Sample : N2865-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-1824-01

Quant Time: May 19 18:50:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73529	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	283512	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	147044	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	293241	20.000	ng	0.00
76) Chrysene-d12	14.045	240	176878	20.000	ng	-0.01
86) Perylene-d12	15.533	264	168623	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	431245	93.495	ng	0.00
7) Phenol-d6	6.493	99	567015	92.942	ng	-0.02
23) Nitrobenzene-d5	7.428	82	388355	61.636	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	151823	90.027	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	532312	56.643	ng	-0.01
79) Terphenyl-d14	12.980	244	634374	67.298	ng	-0.01

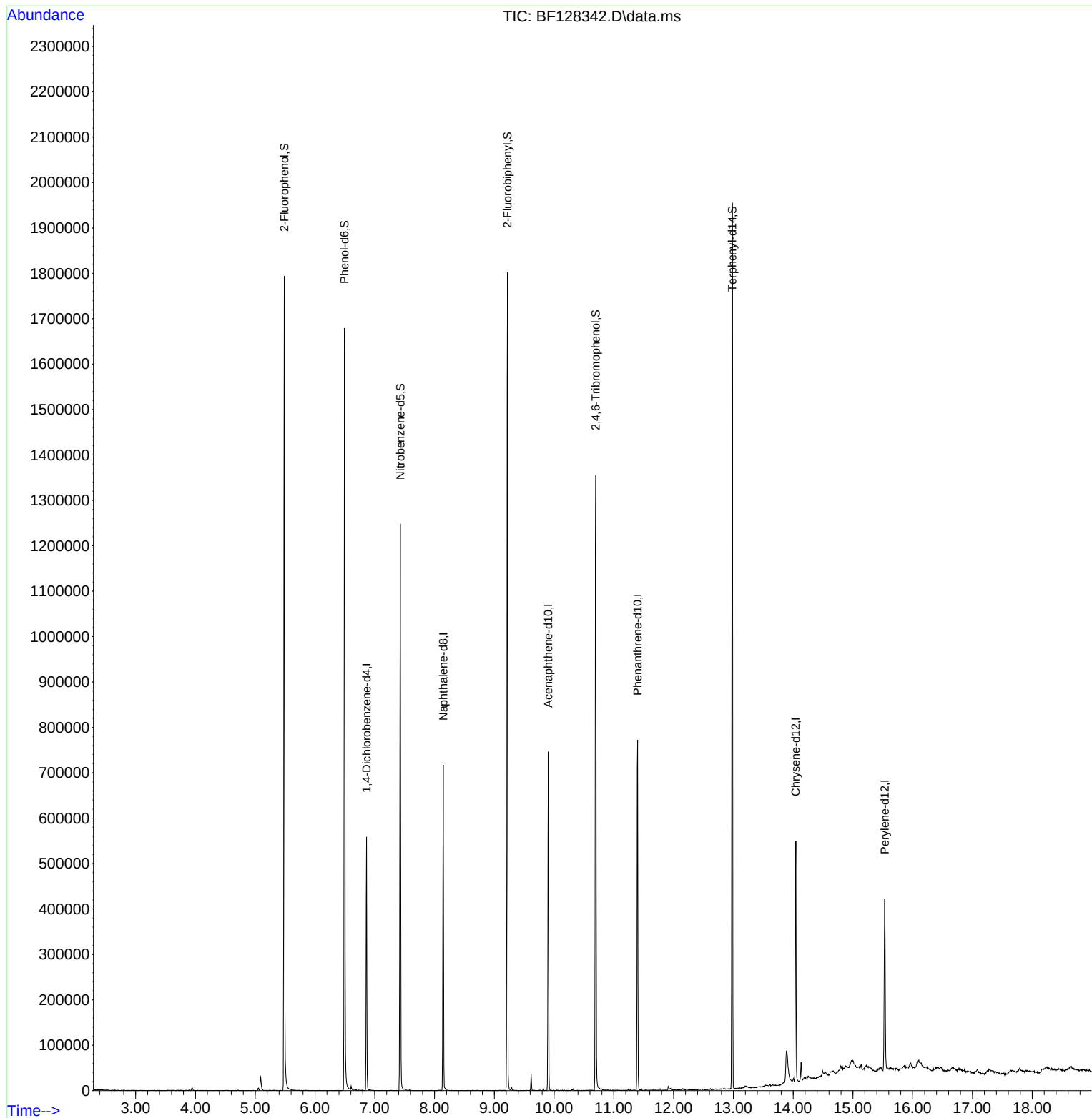
Target Compounds	Qvalue

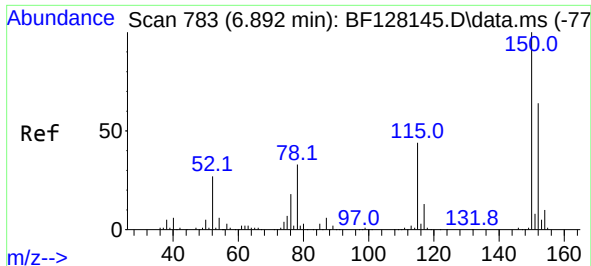
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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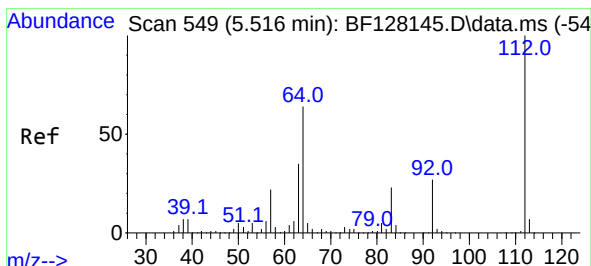
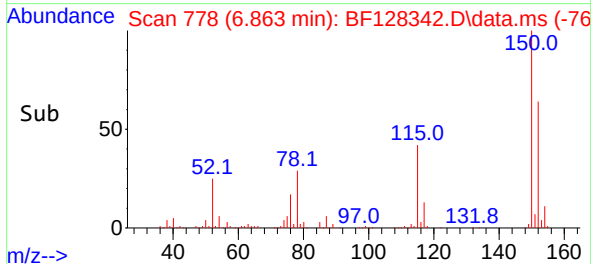
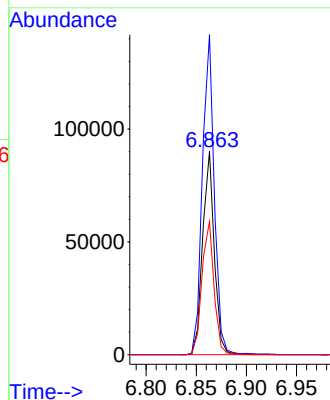
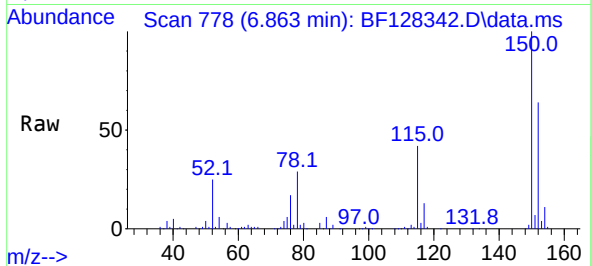




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

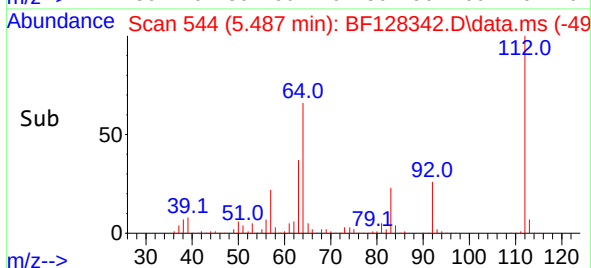
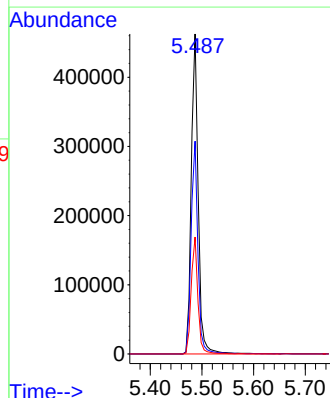
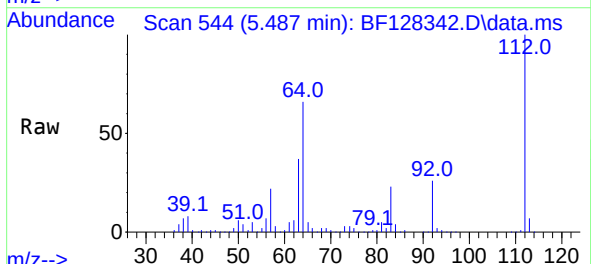
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

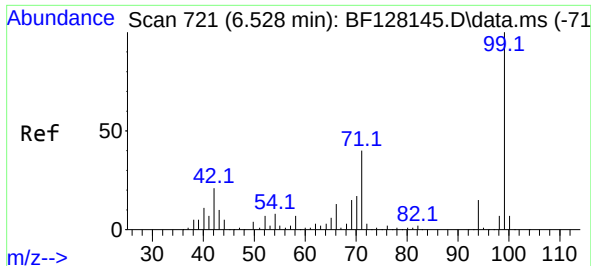
Tgt Ion:152 Resp: 73529
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 93.495 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion:112 Resp: 431245
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 36.5 26.3 39.5

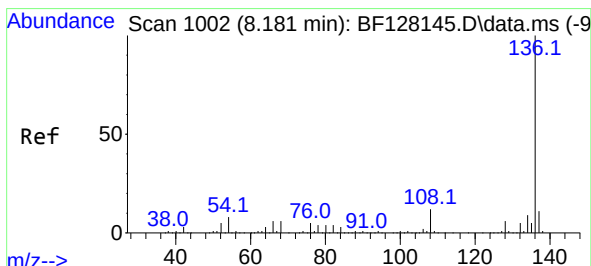
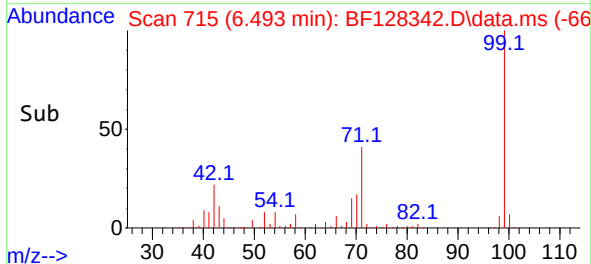
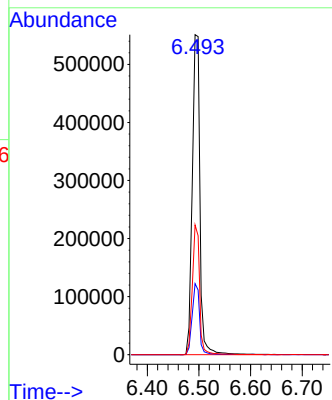
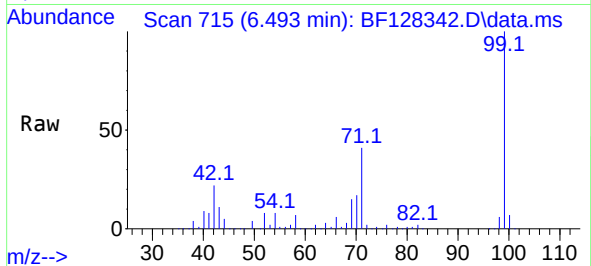




#7
Phenol-d6
Concen: 92.942 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

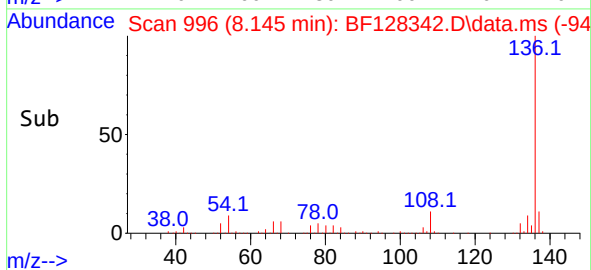
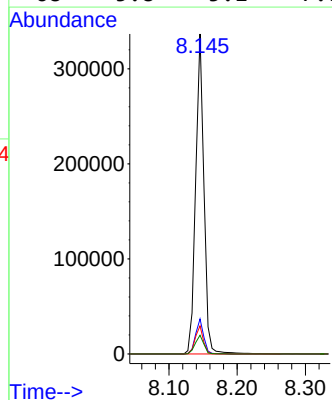
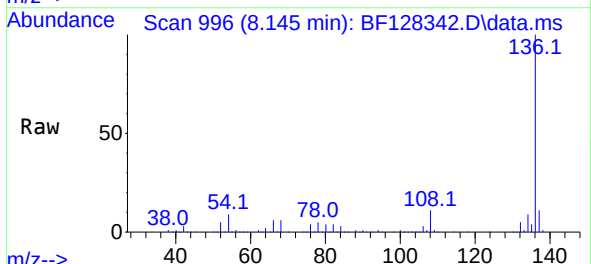
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

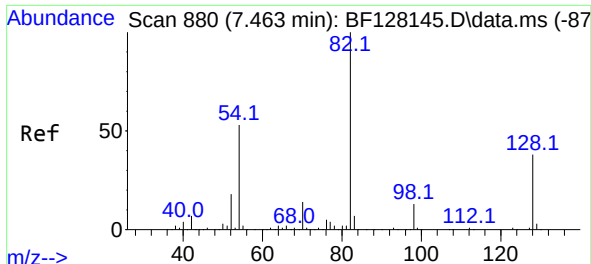
Tgt Ion: 99 Resp: 567015
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 40.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion: 136 Resp: 283512
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.8 10.2
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 61.636 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.017 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

Instrument :

BNA_F

ClientSampleId :

P018-SS001-1824-01

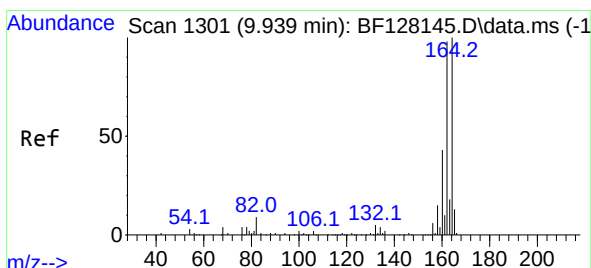
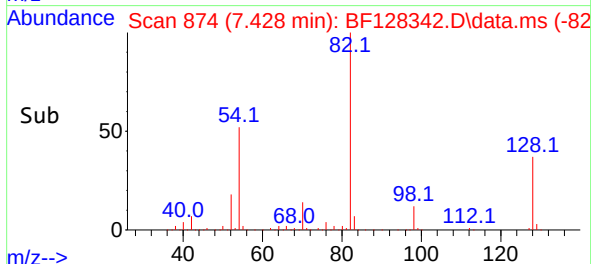
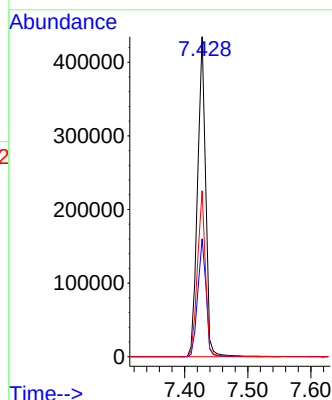
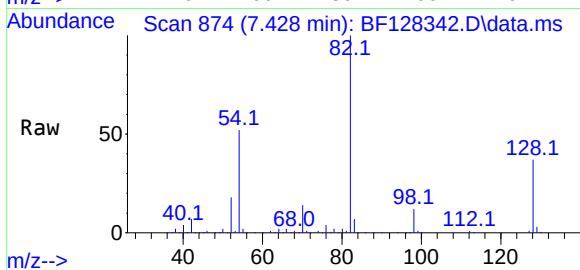
Tgt Ion: 82 Resp: 388355

Ion Ratio Lower Upper

82 100

128 36.9 30.0 45.0

54 51.8 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

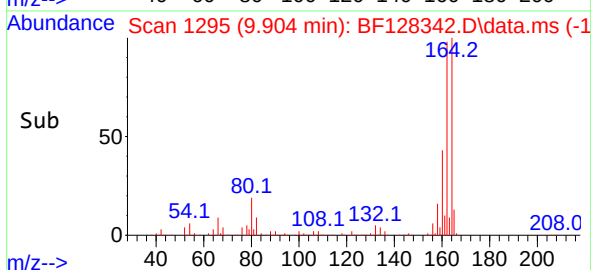
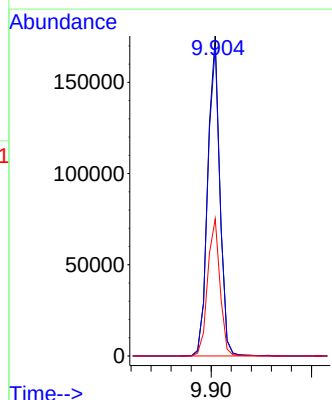
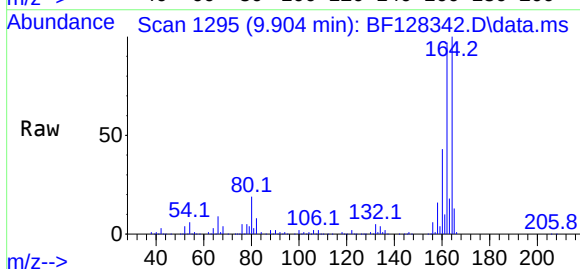
Tgt Ion:164 Resp: 147044

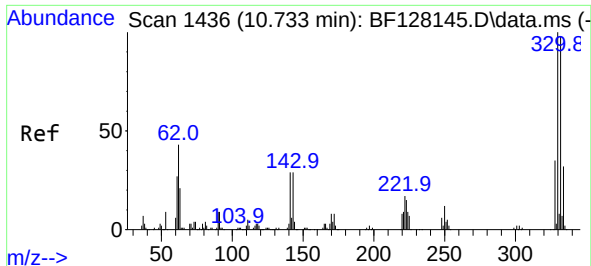
Ion Ratio Lower Upper

164 100

162 96.7 76.0 114.0

160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 90.027 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128342.D

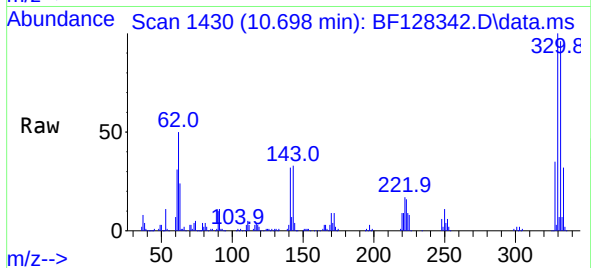
Acq: 19 May 2022 17:57

Instrument :

BNA_F

ClientSampleId :

P018-SS001-1824-01



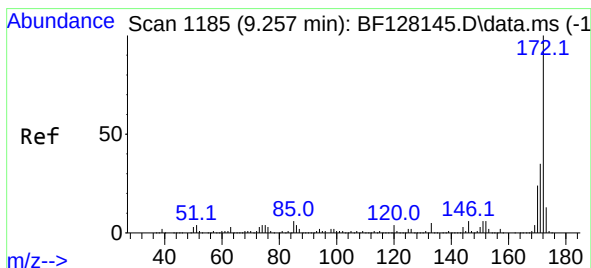
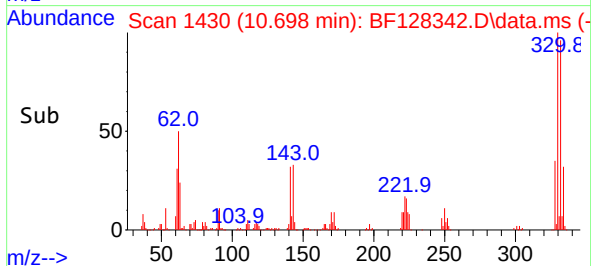
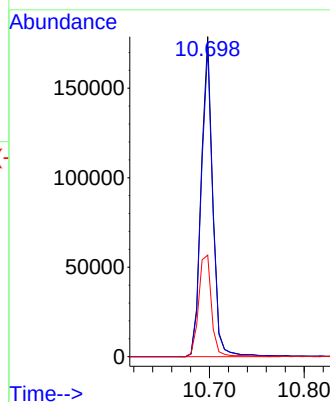
Tgt Ion:330 Resp: 151823

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 35.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 56.643 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

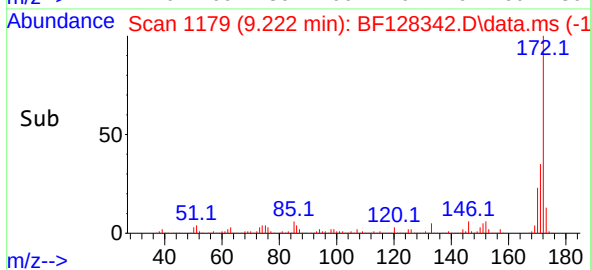
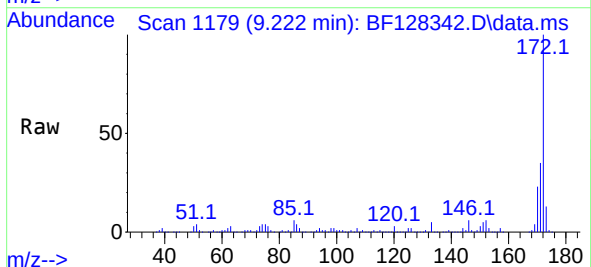
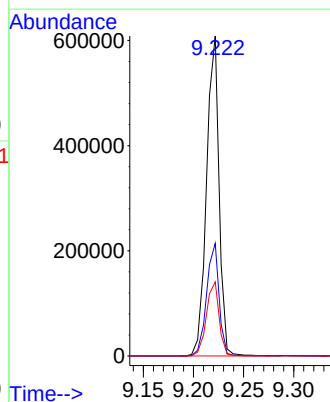
Tgt Ion:172 Resp: 532312

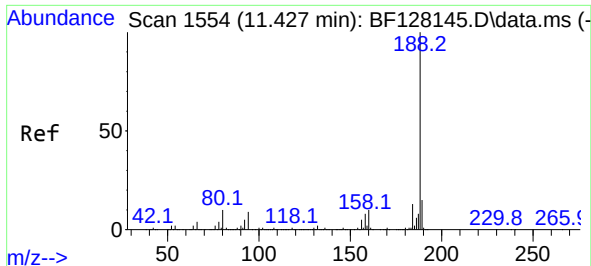
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.1 19.1 28.7

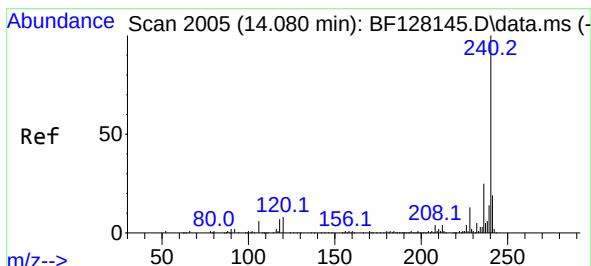
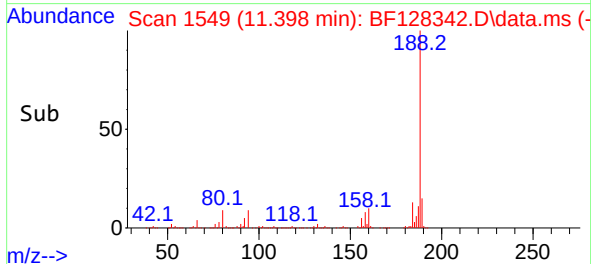
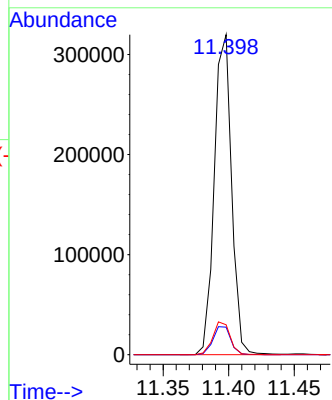
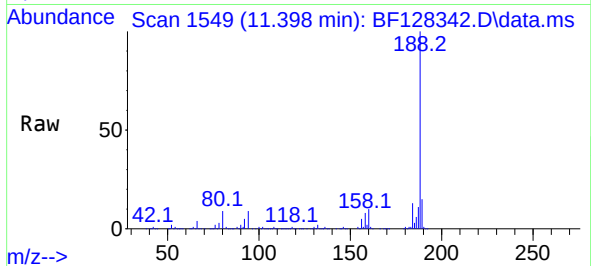




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

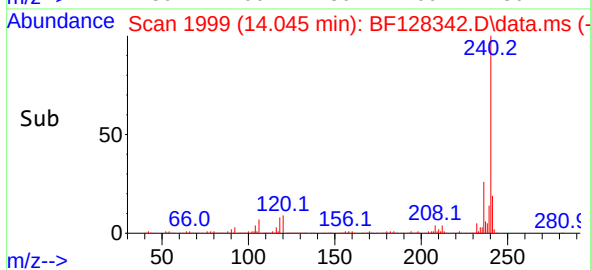
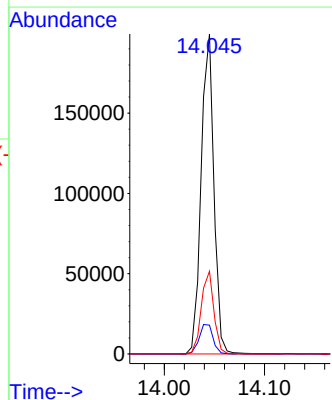
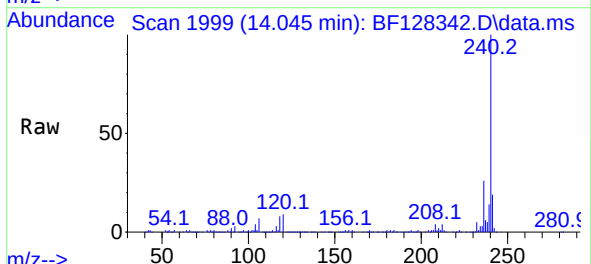
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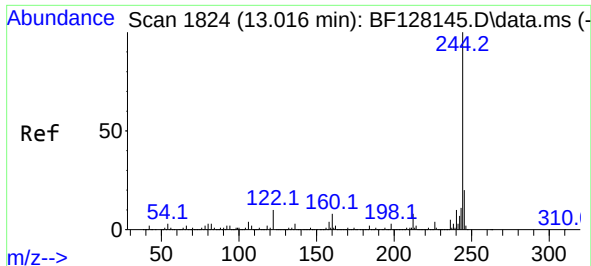
Tgt Ion:188 Resp: 293241
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion:240 Resp: 176878
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.9 20.3 30.5

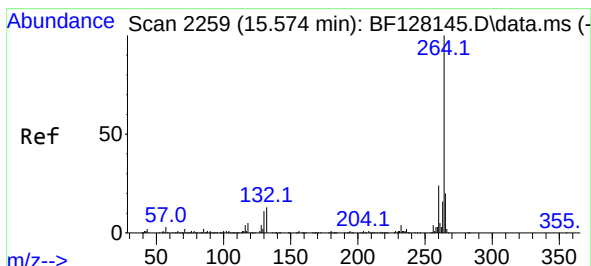
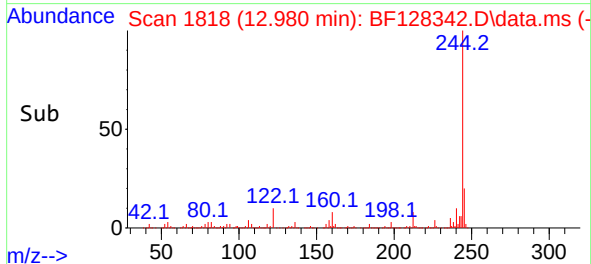
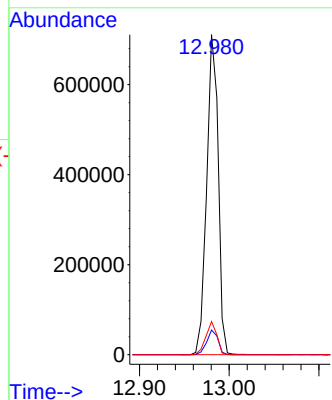
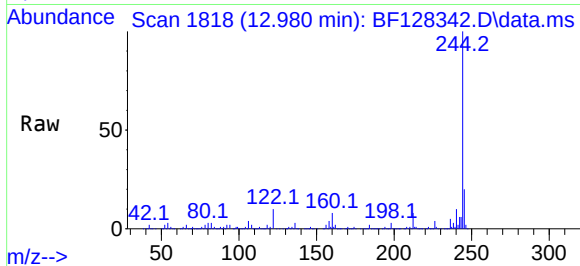




#79
 Terphenyl-d14
 Concen: 67.298 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128342.D
 Acq: 19 May 2022 17:57

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 634374
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.012 min
 Lab File: BF128342.D
 Acq: 19 May 2022 17:57

Tgt Ion:264 Resp: 168623
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 20.7 17.5 26.3

