

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127692.D
 Acq On : 07 Apr 2022 19:30
 Operator : CG\JU
 Sample : N2306-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2404-2405

Quant Time: Apr 08 04:46:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

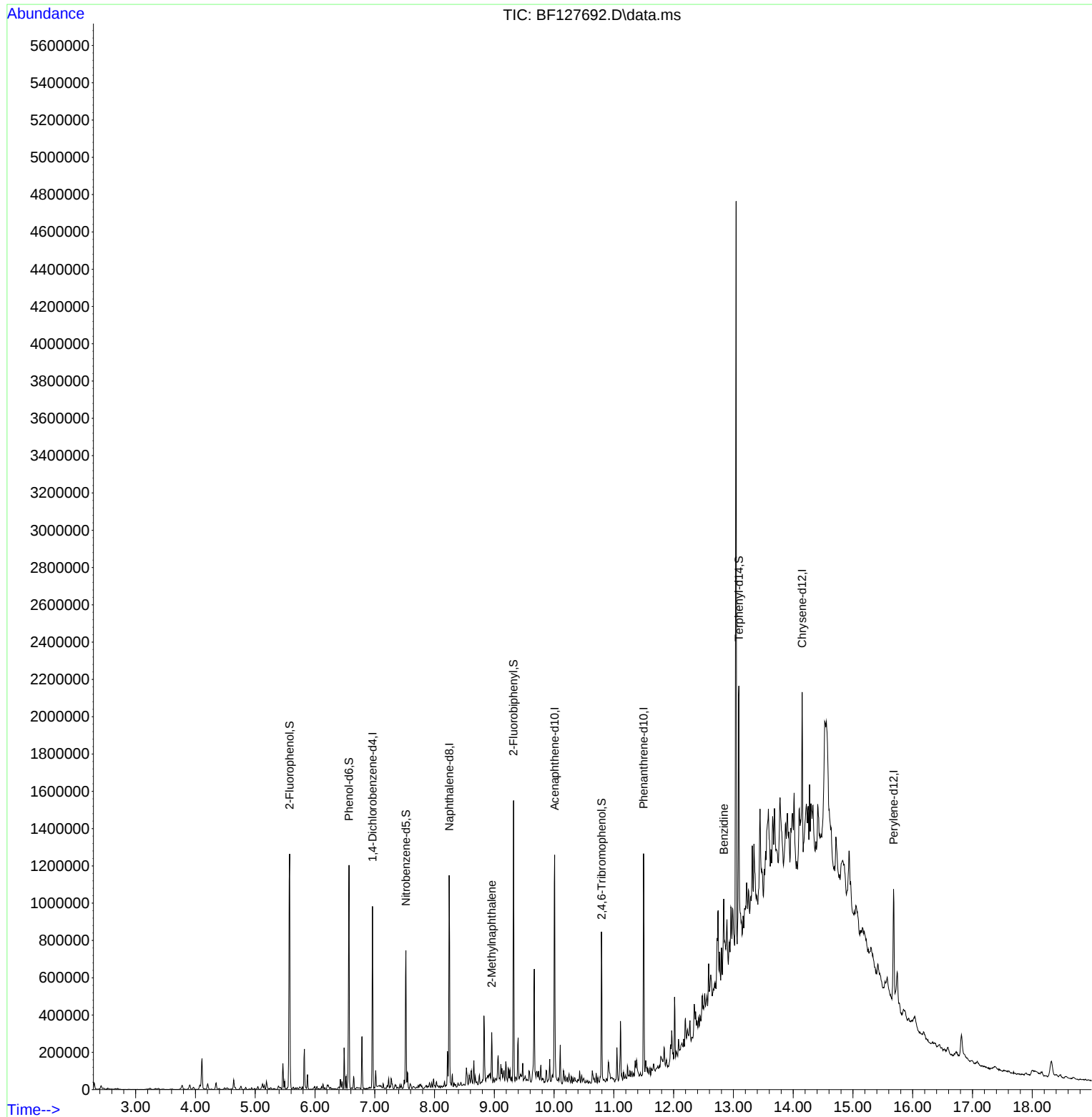
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121969	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	445078	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	251226	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	426512	20.000	ng	0.00
76) Chrysene-d12	14.151	240	286356	20.000	ng	0.00
86) Perylene-d12	15.680	264	300090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	255178	33.996	ng	0.00
7) Phenol-d6	6.569	99	322375	32.829	ng	-0.01
23) Nitrobenzene-d5	7.522	82	216866	21.722	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	89767	33.578	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	417438	23.506	ng	0.00
79) Terphenyl-d14	13.092	244	397595	22.918	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.957	142	53449	3.427	ng	Qvalue 99
77) Benzidine	12.839	184	28033	3.751	ng	# 89

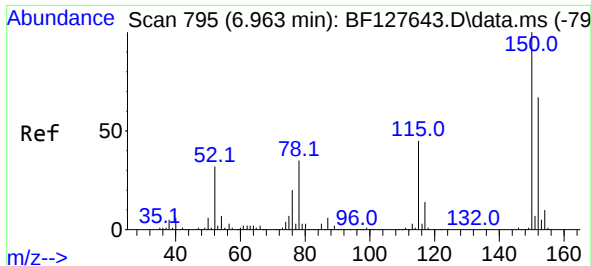
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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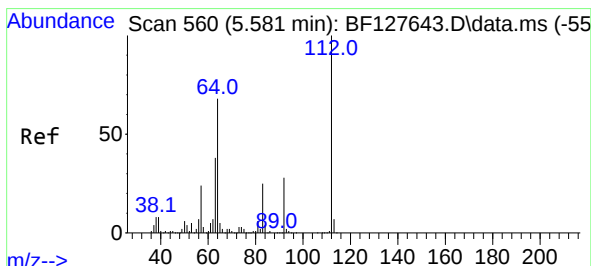
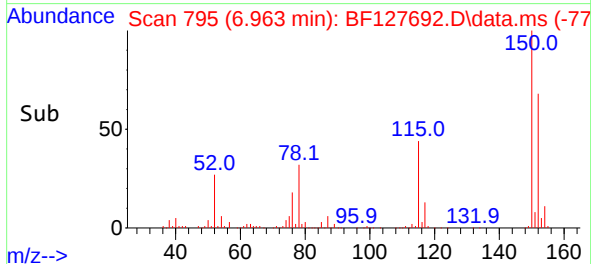
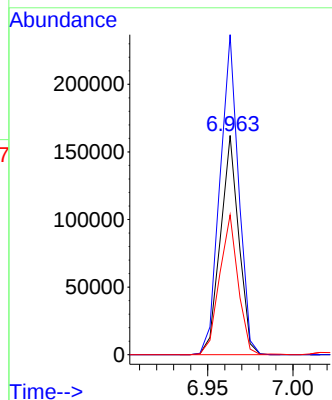
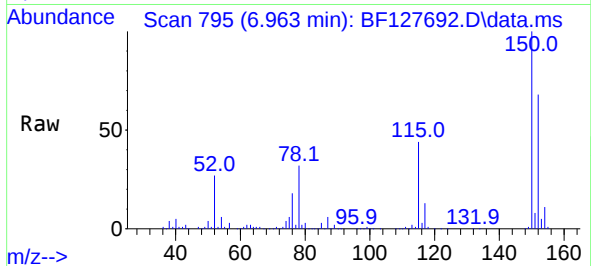




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

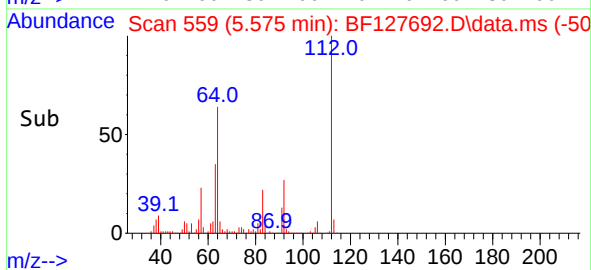
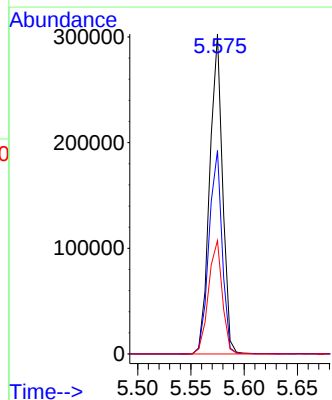
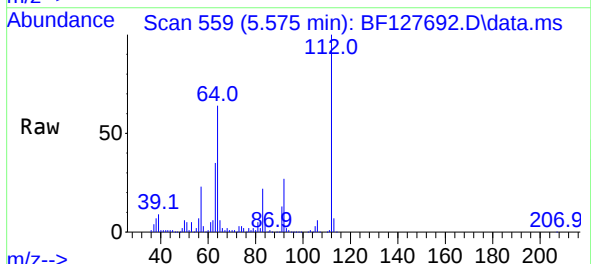
Instrument :
BNA_F
ClientSampleId :
2404-2405

Tgt Ion:152 Resp: 121969
Ion Ratio Lower Upper
152 100
150 146.0 117.2 175.8
115 63.8 49.8 74.6



#5
2-Fluorophenol
Concen: 33.996 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

Tgt Ion:112 Resp: 255178
Ion Ratio Lower Upper
112 100
64 63.5 58.4 87.6
63 35.4 30.1 45.1



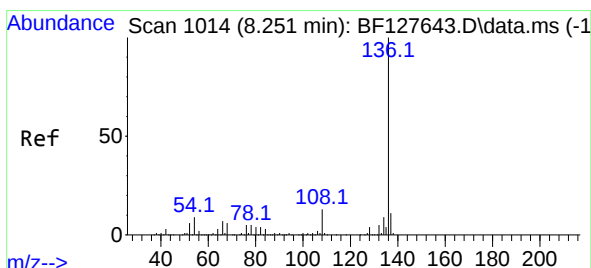
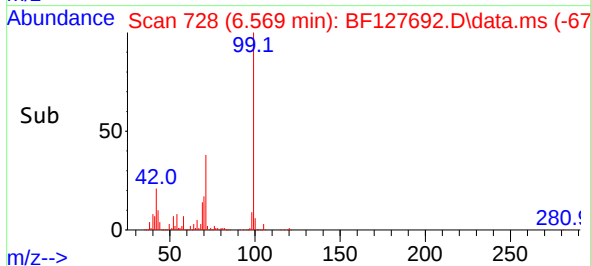
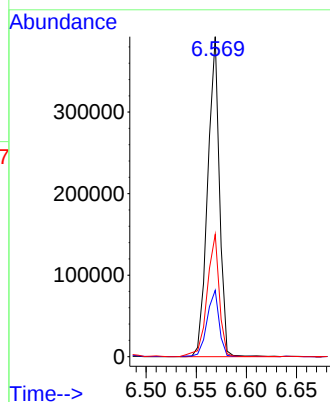
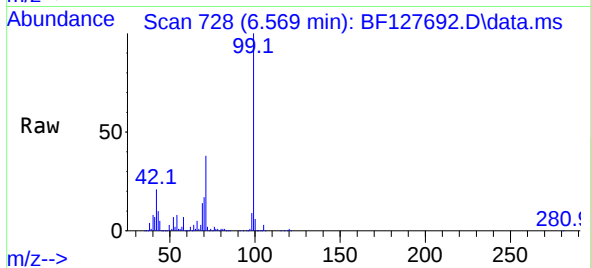


#7
Phenol-d6
Concen: 32.829 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

Instrument :
BNA_F
ClientSampleId :
2404-2405

Tgt Ion: 99 Resp: 322375

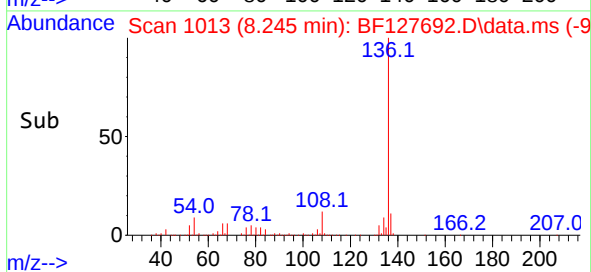
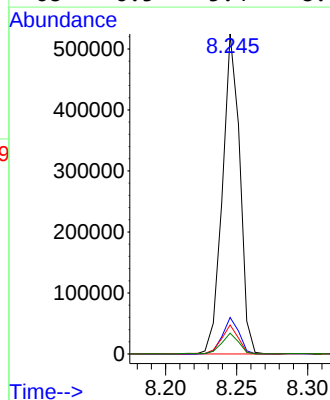
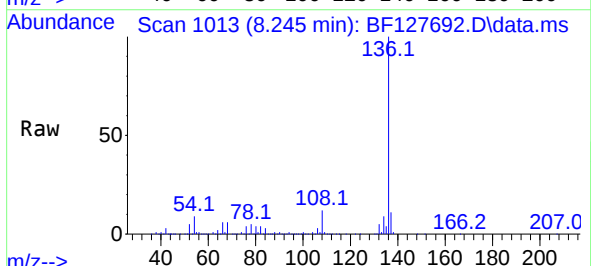
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	38.2	29.6	44.4

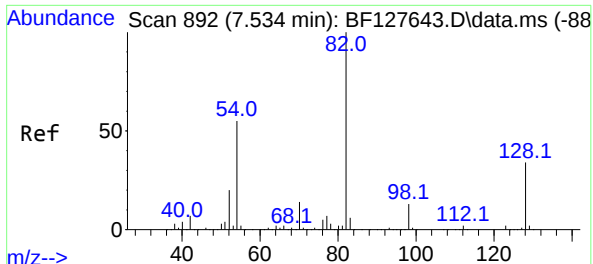


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

Tgt Ion: 136 Resp: 445078

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.0	9.2	13.8
68	6.5	5.4	8.0

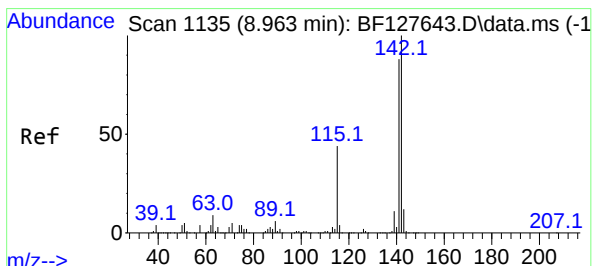
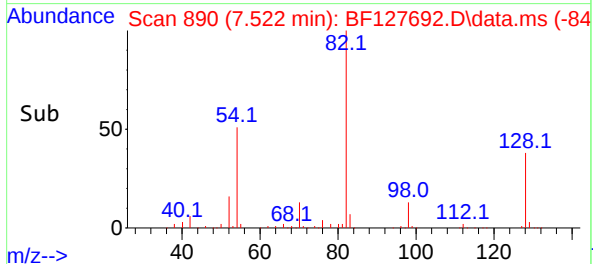
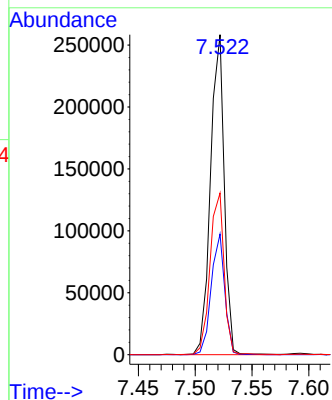
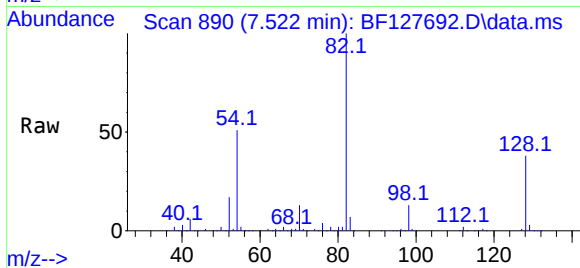




#23
Nitrobenzene-d5
Concen: 21.722 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

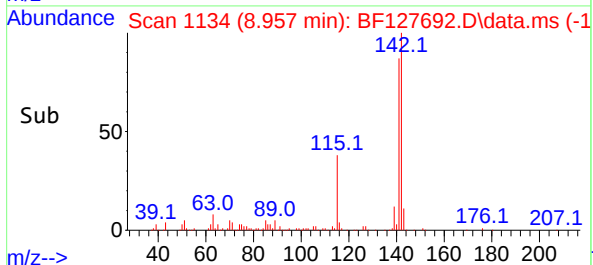
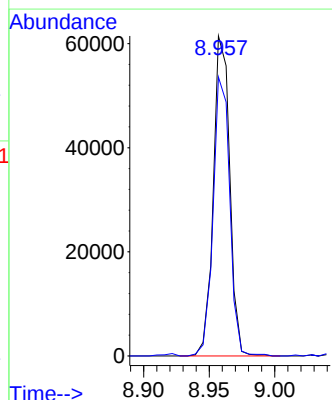
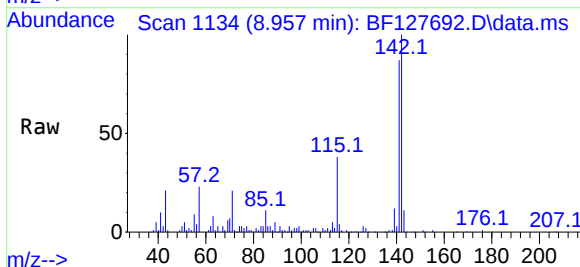
Instrument :
BNA_F
ClientSampleId :
2404-2405

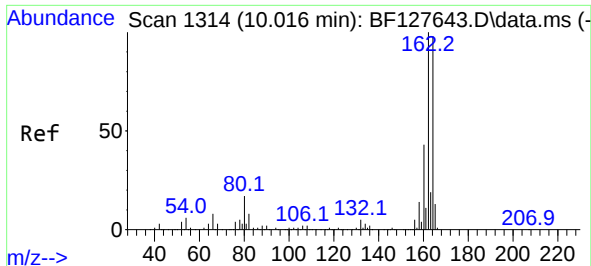
Tgt Ion: 82 Resp: 216866
Ion Ratio Lower Upper
82 100
128 37.7 30.6 45.8
54 50.5 48.2 72.2



#37
2-Methylnaphthalene
Concen: 3.427 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

Tgt Ion:142 Resp: 53449
Ion Ratio Lower Upper
142 100
141 87.1 70.6 106.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127692.D

Acq: 07 Apr 2022 19:30

Instrument :

BNA_F

ClientSampleId :

2404-2405

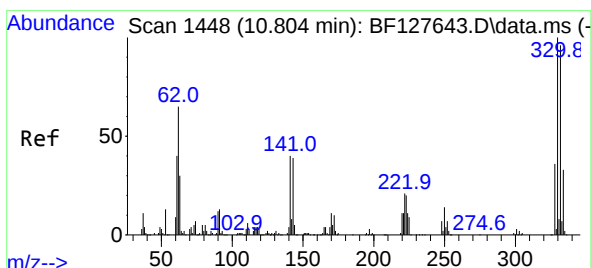
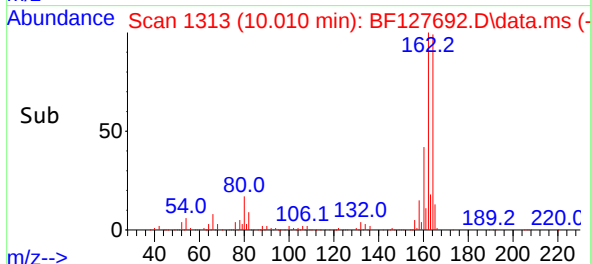
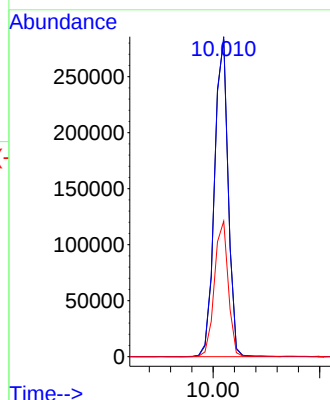
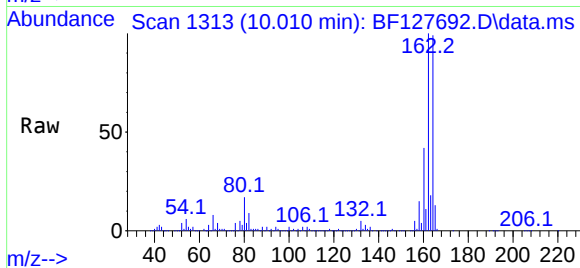
Tgt Ion:164 Resp: 251226

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

160 42.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 33.578 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127692.D

Acq: 07 Apr 2022 19:30

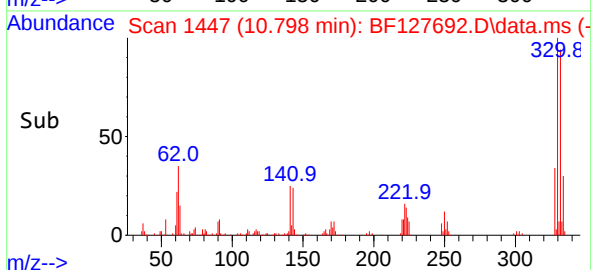
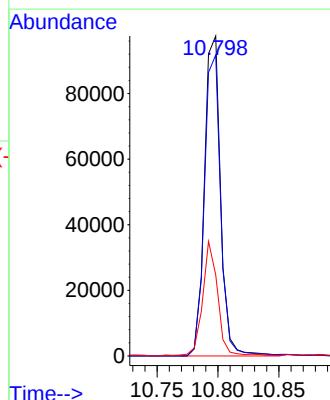
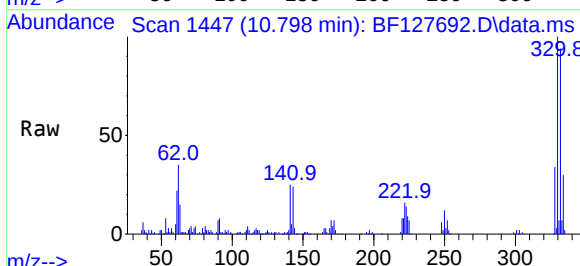
Tgt Ion:330 Resp: 89767

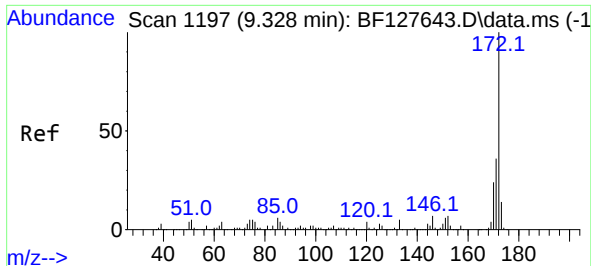
Ion Ratio Lower Upper

330 100

332 95.3 79.1 118.7

141 33.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 23.506 ng

RT: 9.322 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127692.D

Acq: 07 Apr 2022 19:30

Instrument :

BNA_F

ClientSampleId :

2404-2405

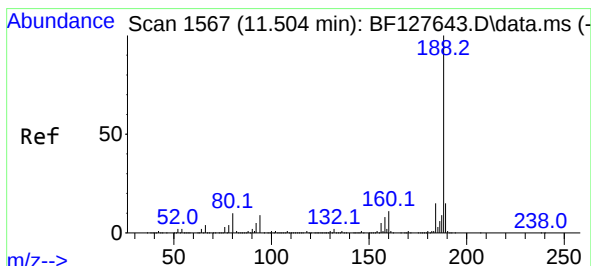
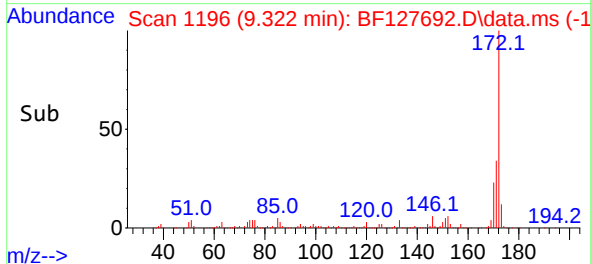
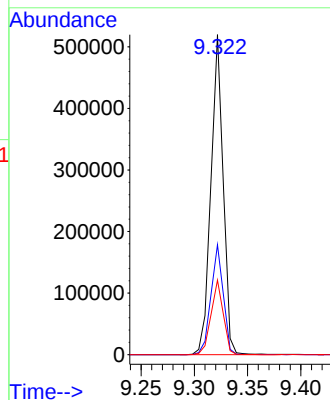
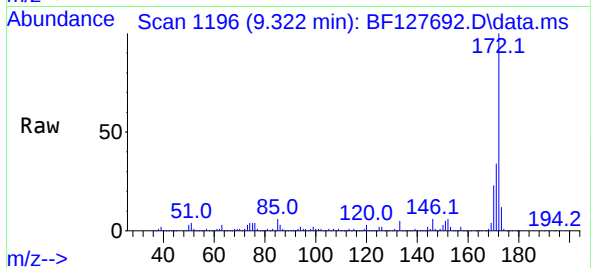
Tgt Ion:172 Resp: 417438

Ion Ratio Lower Upper

172 100

171 34.4 28.4 42.6

170 23.3 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF127692.D

Acq: 07 Apr 2022 19:30

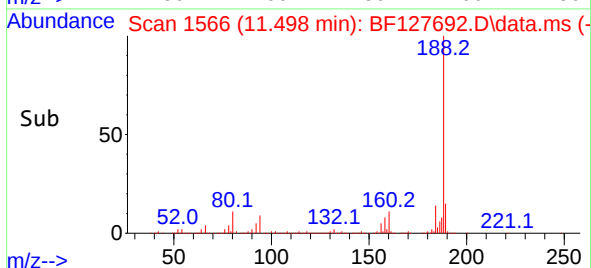
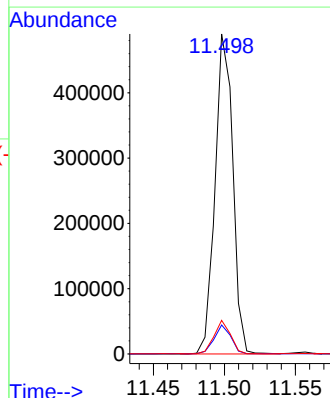
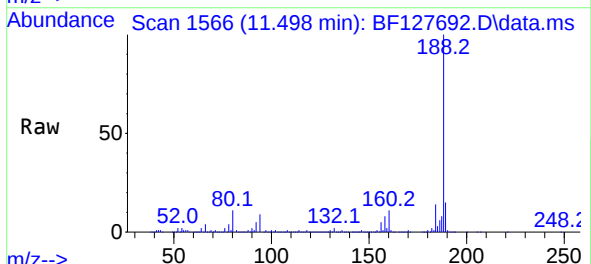
Tgt Ion:188 Resp: 426512

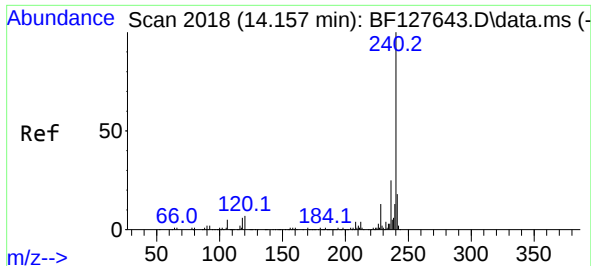
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

80 10.5 8.0 12.0

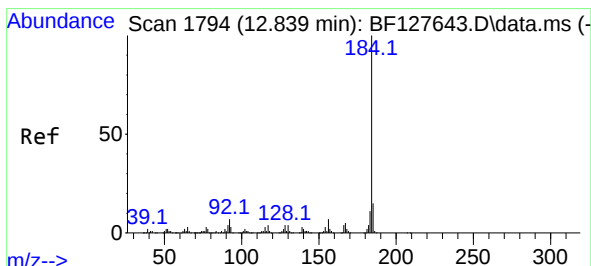
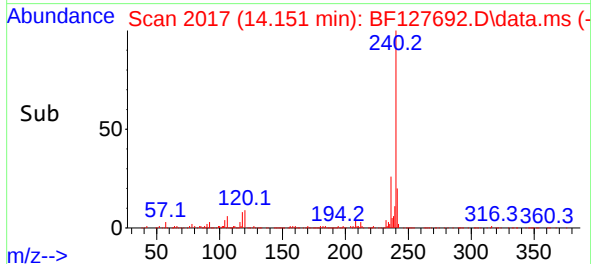
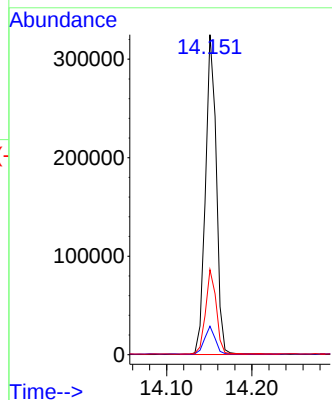
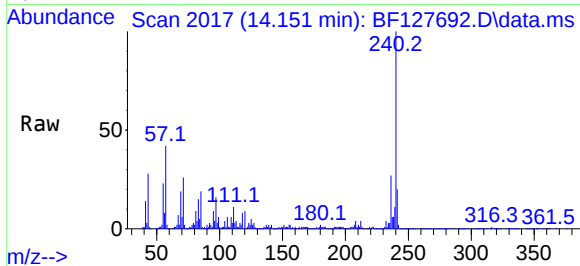




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

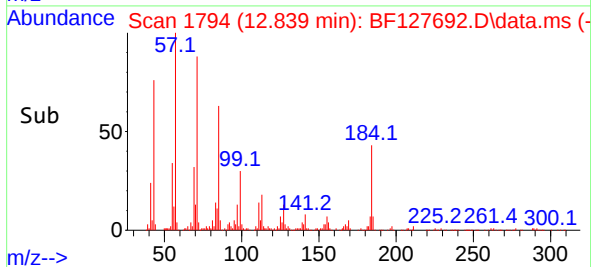
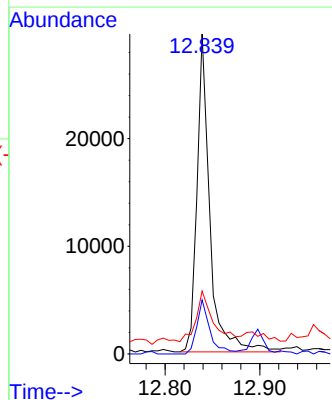
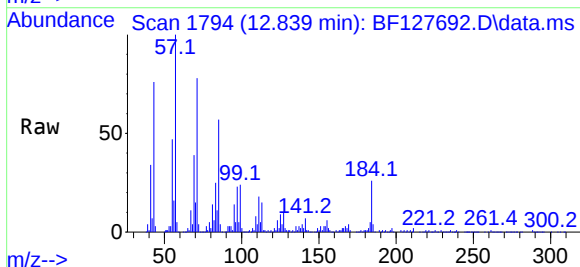
Instrument :
BNA_F
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2404-2405

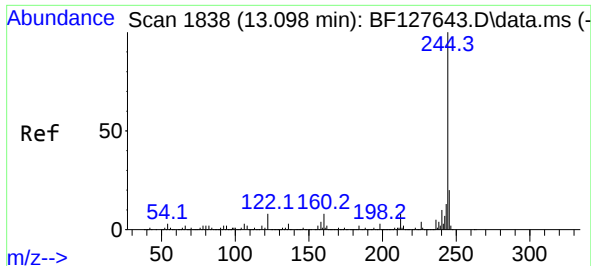
Tgt Ion:240 Resp: 286356
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.6 20.7 31.1



#77
Benzidine
Concen: 3.751 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF127692.D
Acq: 07 Apr 2022 19:30

Tgt Ion:184 Resp: 28033
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.2
183 19.7 9.4 14.0#

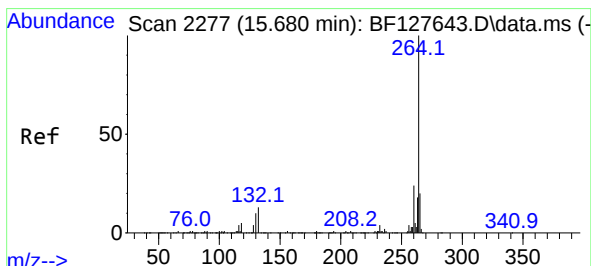
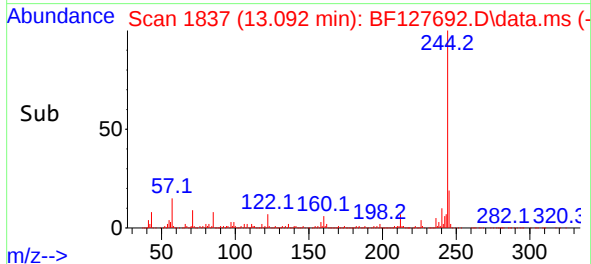
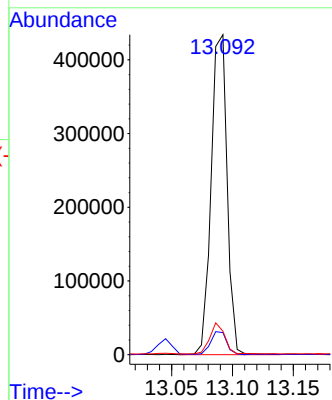
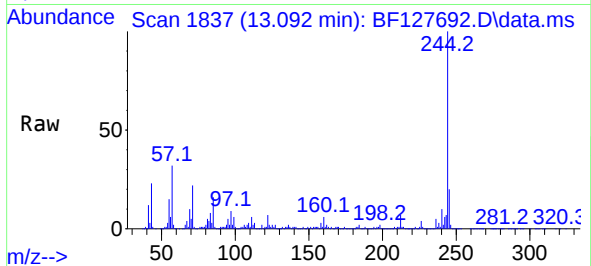




#79
 Terphenyl-d14
 Concen: 22.918 ng
 RT: 13.092 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF127692.D
 Acq: 07 Apr 2022 19:30

Instrument :
 BNA_F
 ClientSampleId :
 2404-2405

Tgt Ion:244 Resp: 397595
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 7.4 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF127692.D
 Acq: 07 Apr 2022 19:30

Tgt Ion:264 Resp: 300090
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.1 28.7
 265 21.4 17.4 26.2

