

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127747.D
 Acq On : 11 Apr 2022 19:20
 Operator : CG\JU
 Sample : N2349-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-7

Quant Time: Apr 12 04:56:25 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)

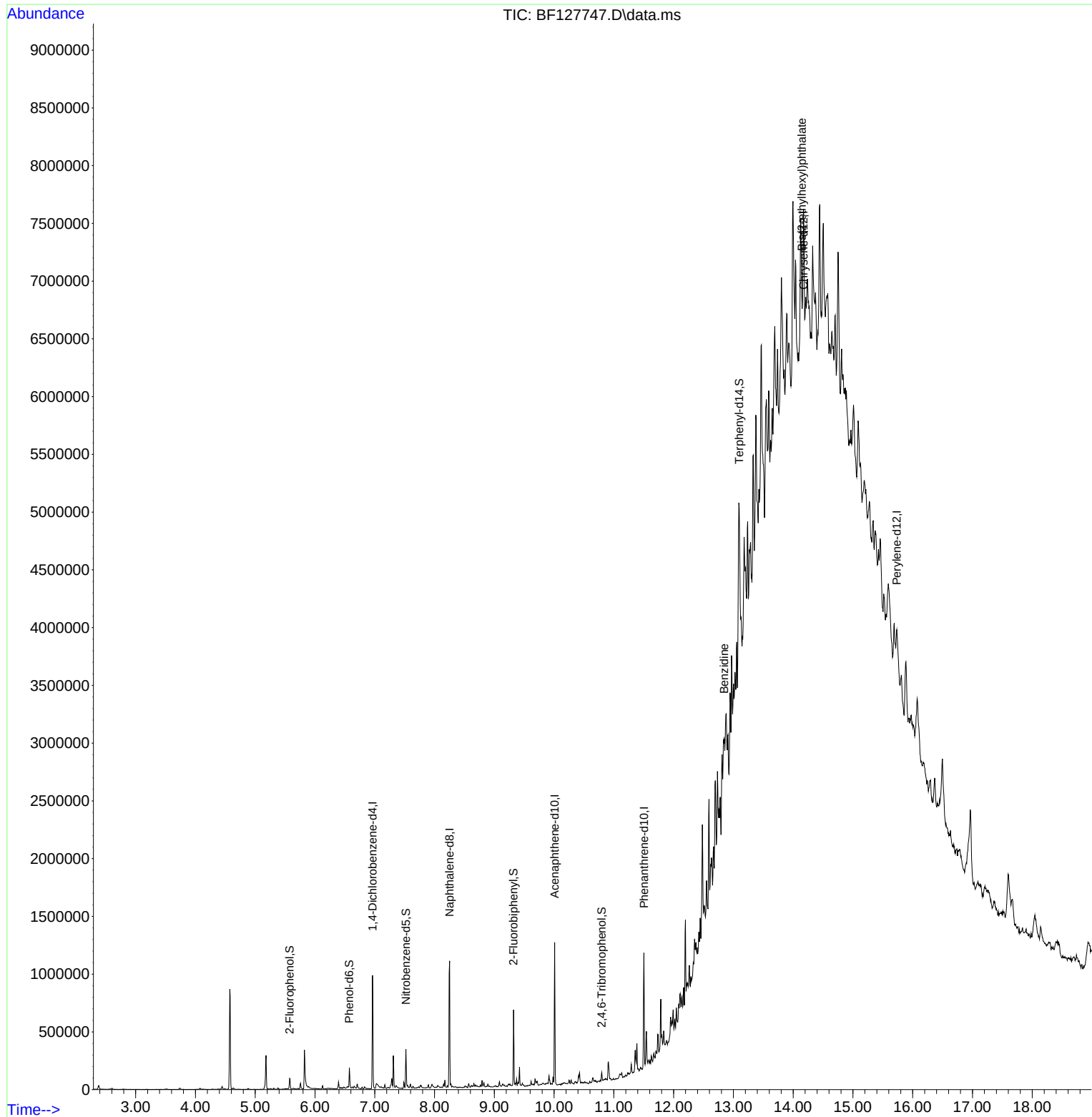
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	128829	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	449530	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	220186	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	335949	20.000	ng	0.00
76) Chrysene-d12	14.174	240	198151	20.000	ng	# 0.02
86) Perylene-d12	15.733	264	153364	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	26162	3.300	ng	0.00
7) Phenol-d6	6.575	99	51272	4.943	ng	0.00
23) Nitrobenzene-d5	7.522	82	89408	8.867	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	8999	3.841	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	172606	11.090	ng	0.00
79) Terphenyl-d14	13.098	244	116654	9.717	ng	0.00
Target Compounds						
77) Benzidine	12.845	184	86262	16.679	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.145	149	38095	4.338	ng	# 84

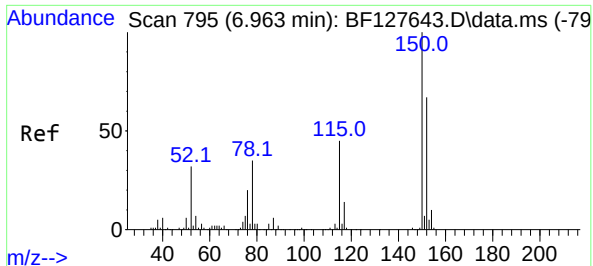
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
Data File : BF127747.D
Acq On : 11 Apr 2022 19:20
Operator : CG\JU
Sample : N2349-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-7

Quant Time: Apr 12 04:56:25 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

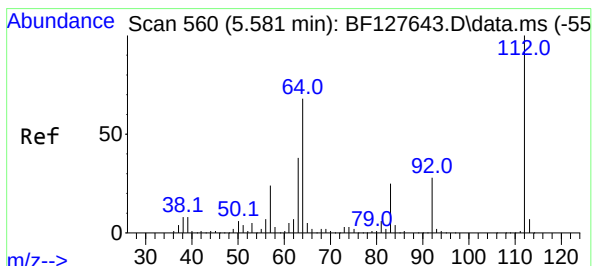
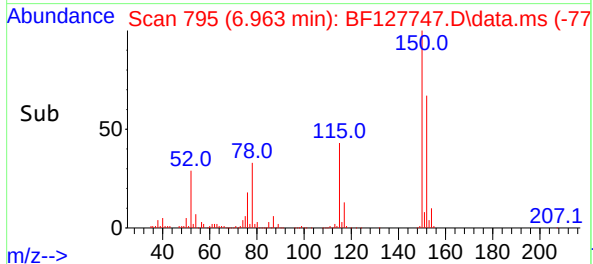
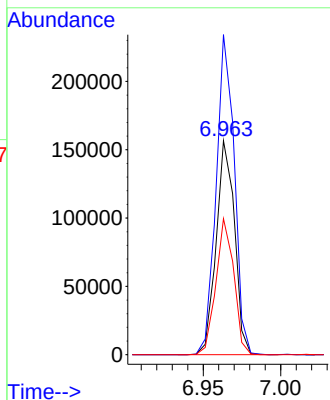
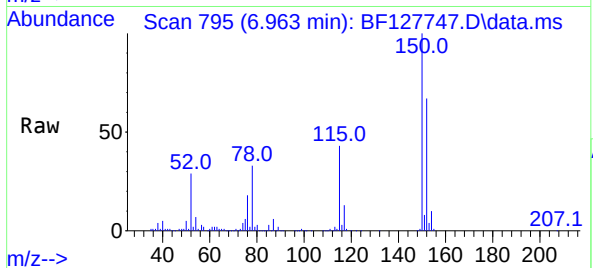




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

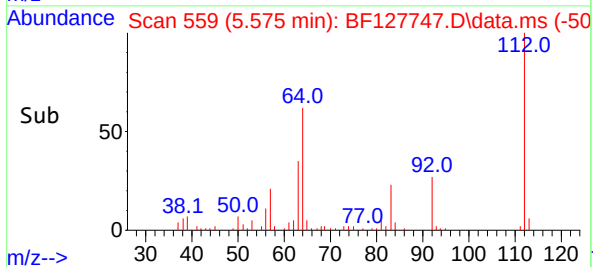
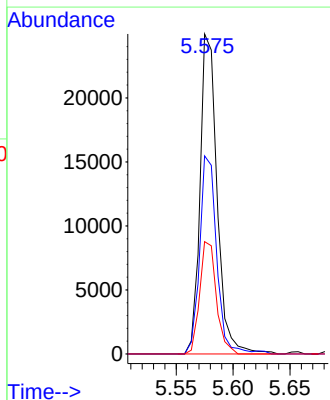
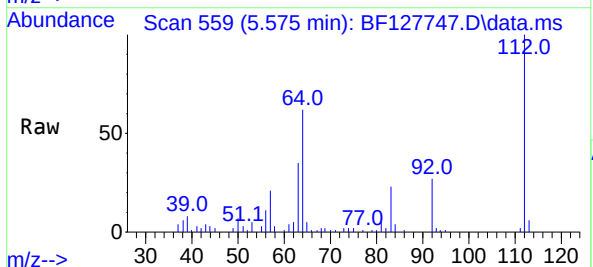
Instrument :
BNA_F
ClientSampleId :
DEL-7

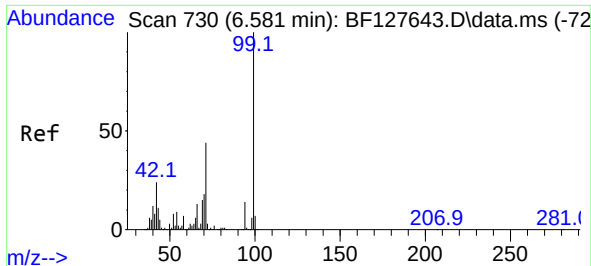
Tgt Ion:152 Resp: 128829
Ion Ratio Lower Upper
152 100
150 149.6 117.2 175.8
115 63.6 49.8 74.6



#5
2-Fluorophenol
Concen: 3.300 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:112 Resp: 26162
Ion Ratio Lower Upper
112 100
64 61.9 58.4 87.6
63 35.1 30.1 45.1

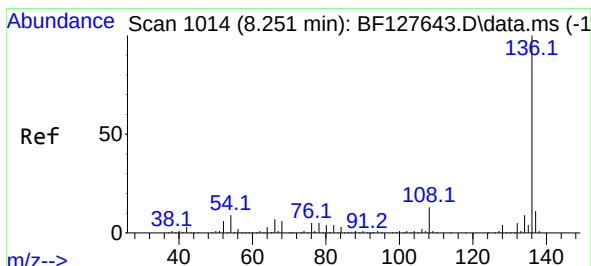
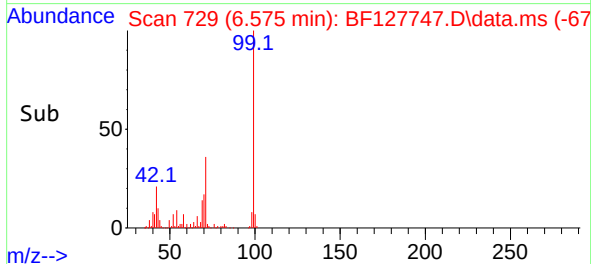
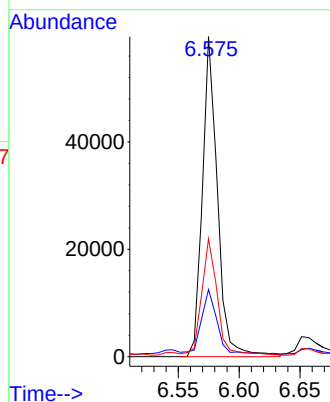
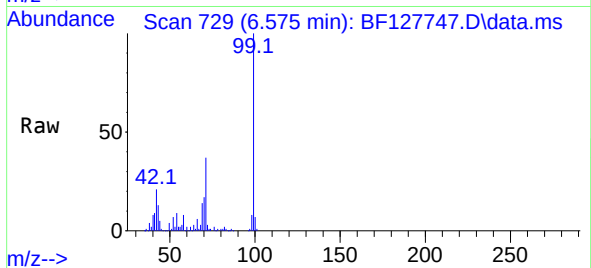




#7
Phenol-d6
Concen: 4.943 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

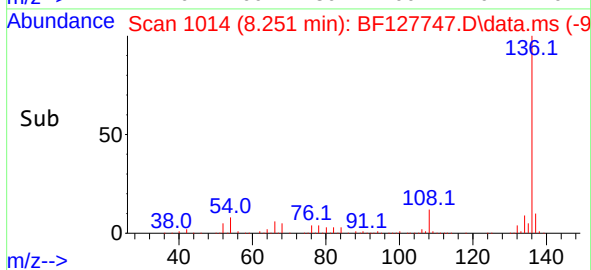
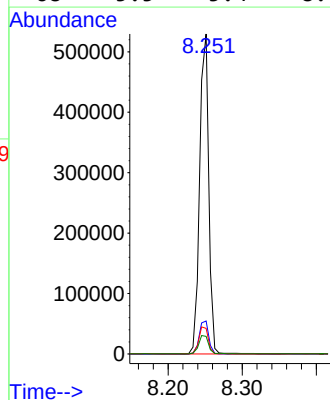
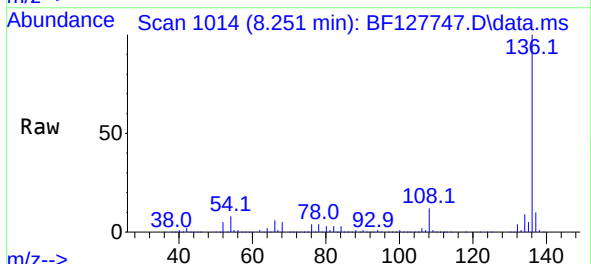
Instrument :
BNA_F
ClientSampleId :
DEL-7

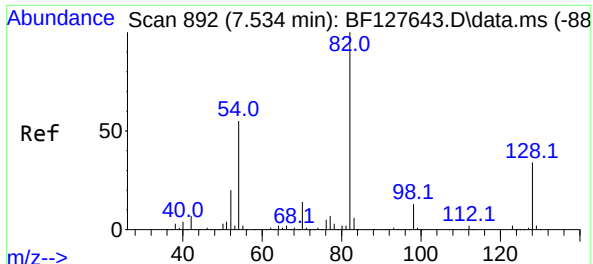
Tgt Ion: 99 Resp: 51272
Ion Ratio Lower Upper
99 100
42 21.0 17.8 26.6
71 36.9 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion: 136 Resp: 449530
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.0 9.2 13.8#
68 5.5 5.4 8.0

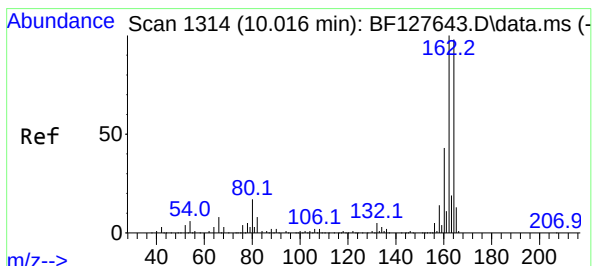
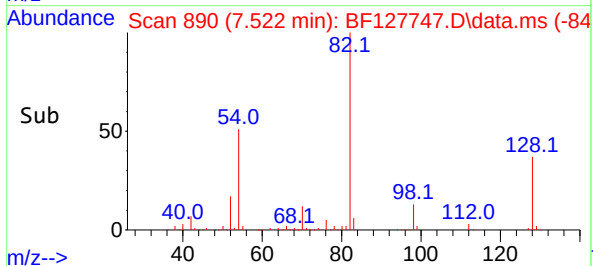
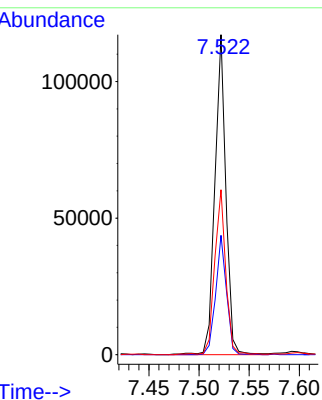
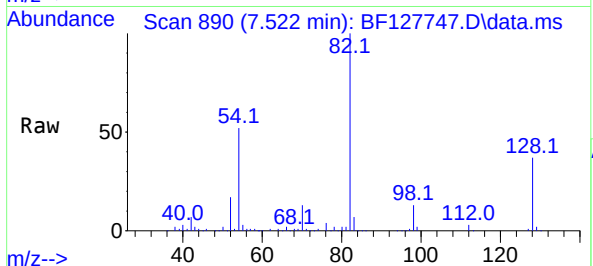




#23
Nitrobenzene-d5
Concen: 8.867 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

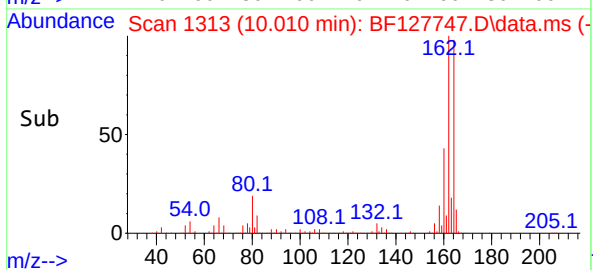
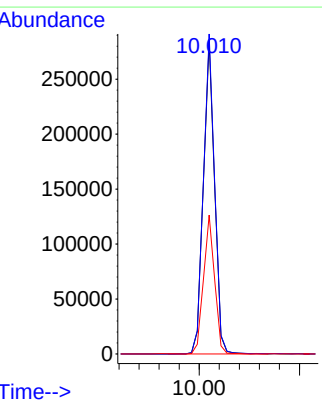
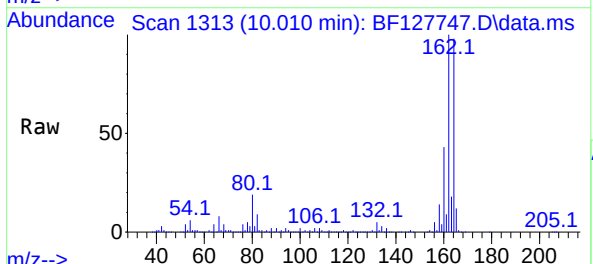
Instrument :
BNA_F
ClientSampleId :
DEL-7

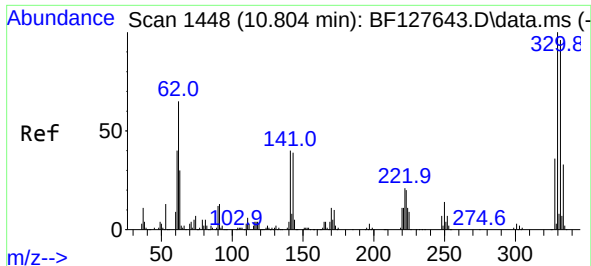
Tgt Ion: 82 Resp: 89408
Ion Ratio Lower Upper
82 100
128 37.3 30.6 45.8
54 51.5 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion: 164 Resp: 220186
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 44.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 3.841 ng

RT: 10.798 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF127747.D

Acq: 11 Apr 2022 19:20

Instrument :

BNA_F

ClientSampleId :

DEL-7

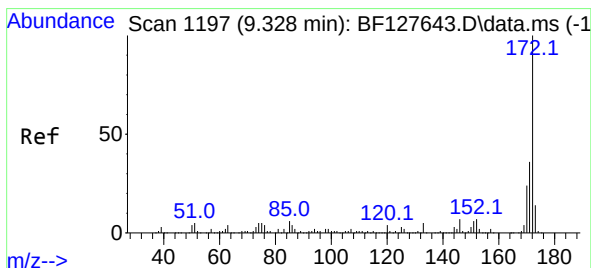
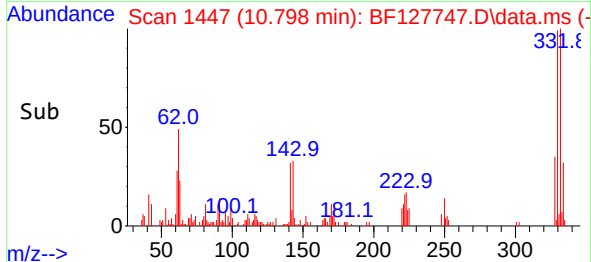
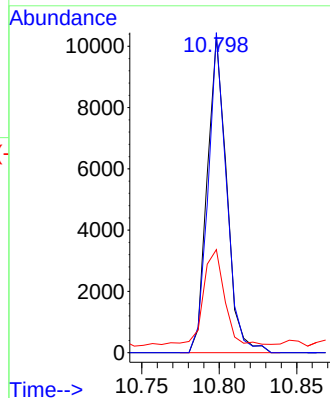
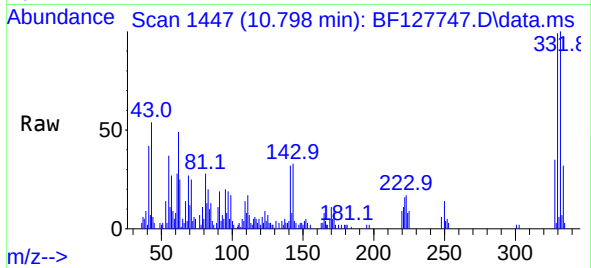
Tgt Ion:330 Resp: 8999

Ion Ratio Lower Upper

330 100

332 96.2 79.1 118.7

141 41.3 26.2 39.4#



#45

2-Fluorobiphenyl

Concen: 11.090 ng

RT: 9.322 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF127747.D

Acq: 11 Apr 2022 19:20

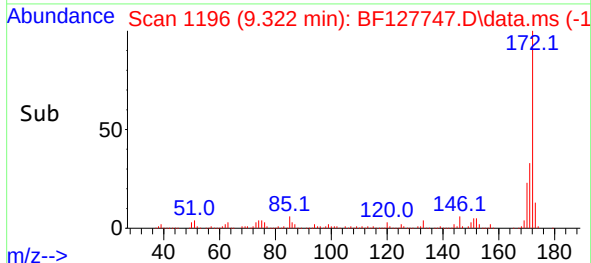
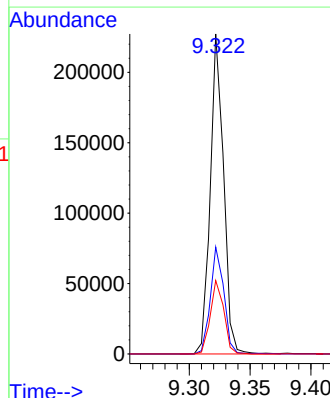
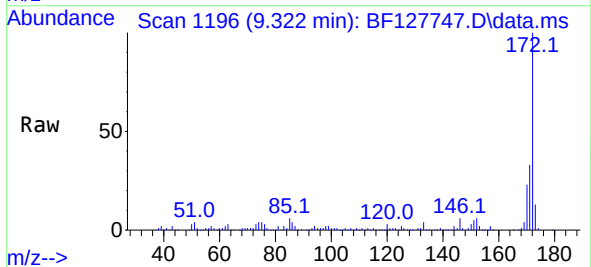
Tgt Ion:172 Resp: 172606

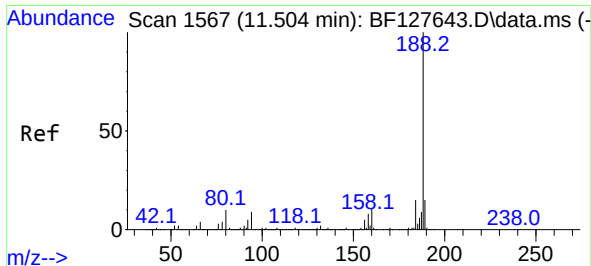
Ion Ratio Lower Upper

172 100

171 33.4 28.4 42.6

170 22.9 18.6 27.8

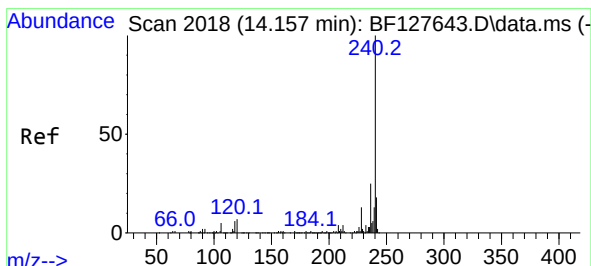
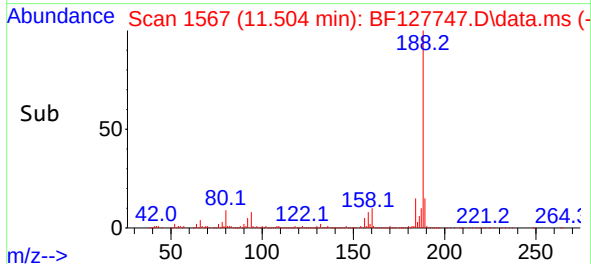
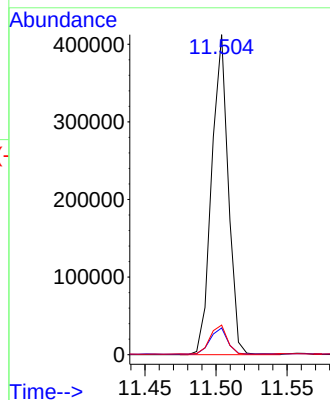
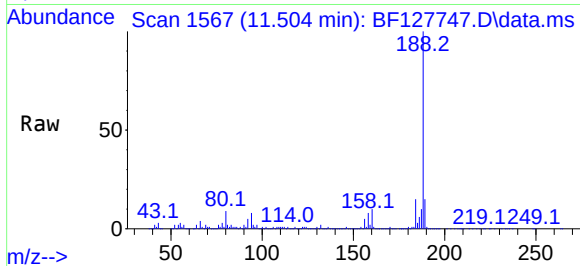




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

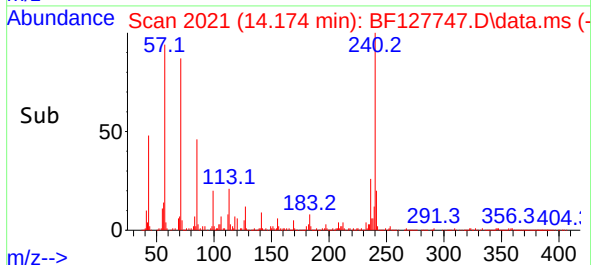
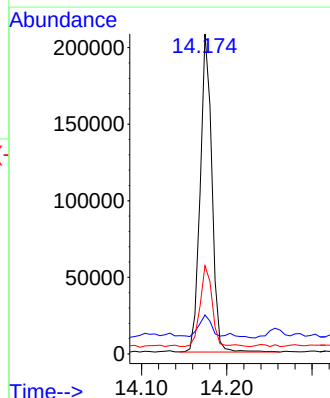
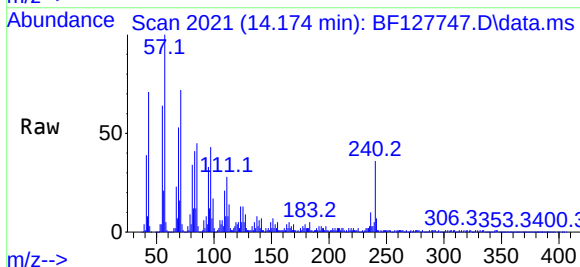
Instrument :
BNA_F
ClientSampleId :
DEL-7

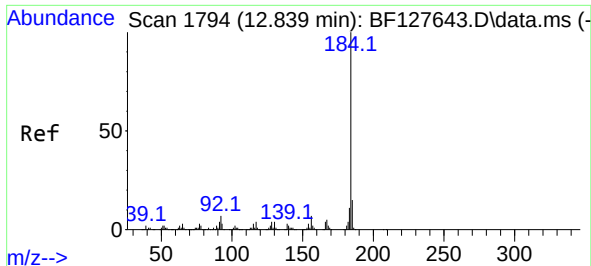
Tgt Ion:188 Resp: 335949
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2021
Delta R.T. 0.018 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:240 Resp: 198151
Ion Ratio Lower Upper
240 100
120 12.2 7.1 10.7#
236 27.6 20.7 31.1

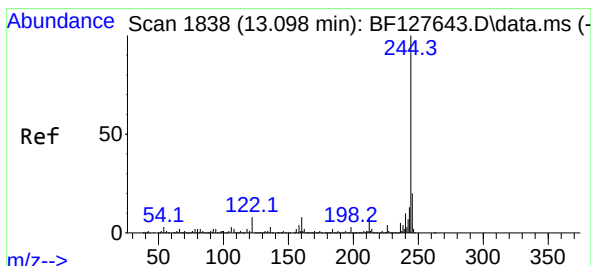
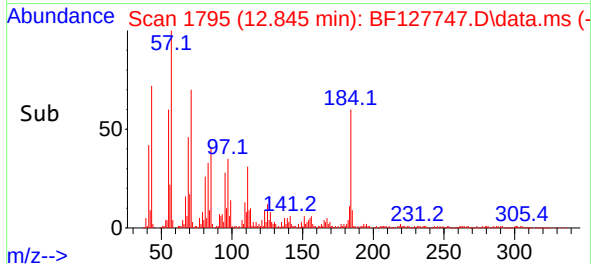
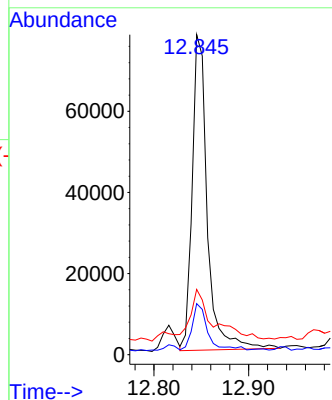
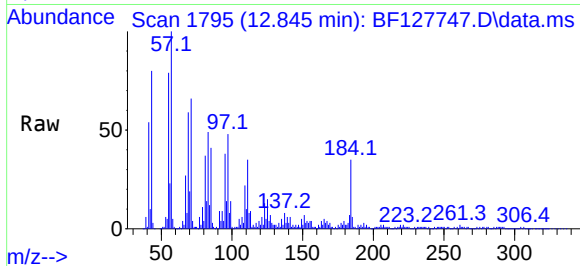




#77
Benzidine
Concen: 16.679 ng
RT: 12.845 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

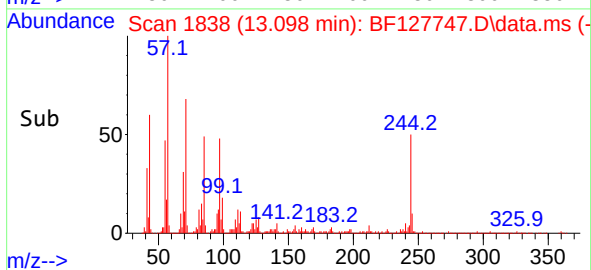
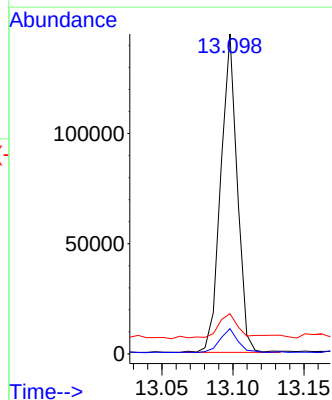
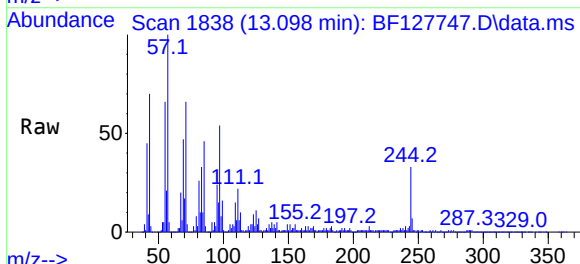
Instrument :
BNA_F
ClientSampleId :
DEL-7

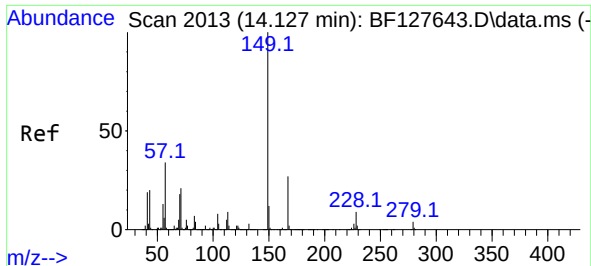
Tgt Ion:184 Resp: 86262
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 20.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 9.717 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:244 Resp: 116654
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 12.6 6.2 9.2#

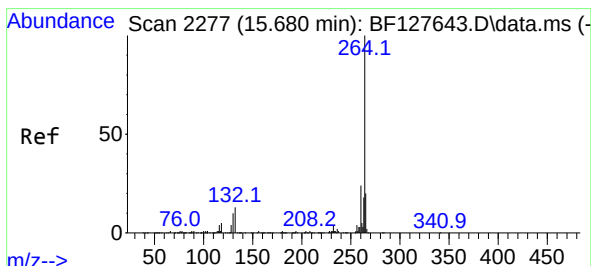
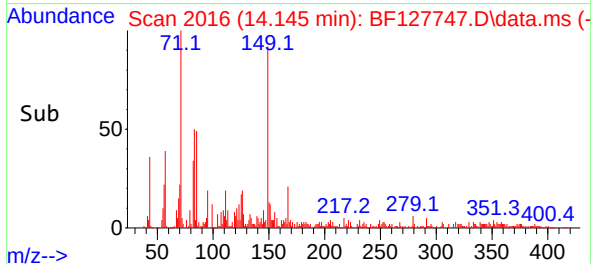
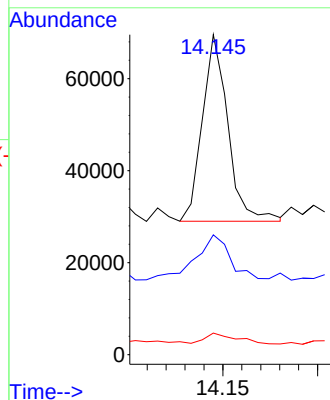
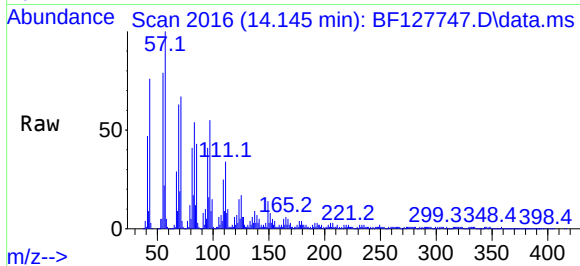




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.338 ng
RT: 14.145 min Scan# 2013
Delta R.T. 0.018 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Instrument :
BNA_F
ClientSampleId :
DEL-7

Tgt Ion:149 Resp: 38095
Ion Ratio Lower Upper
149 100
167 37.4 22.9 34.3#
279 6.8 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 2286
Delta R.T. 0.053 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:264 Resp: 153364
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 21.8 17.4 26.2

