

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135497.D
 Acq On : 28 Sep 2023 17:06
 Operator : CG\JU
 Sample : 04620-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-OUT

Quant Time: Sep 29 00:24:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	153367	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	580737	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	277875	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	491312	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	257733	20.000	ng	0.00
86) Perylene-d12	15.380	264	301205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1149690	121.924	ng	0.02
7) Phenol-d6	6.392	99	1361532	113.553	ng	0.00
23) Nitrobenzene-d5	7.310	82	978090	91.503	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	316844	114.740	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1544584	83.863	ng	0.00
79) Terphenyl-d14	12.868	244	1338604	80.513	ng	0.00

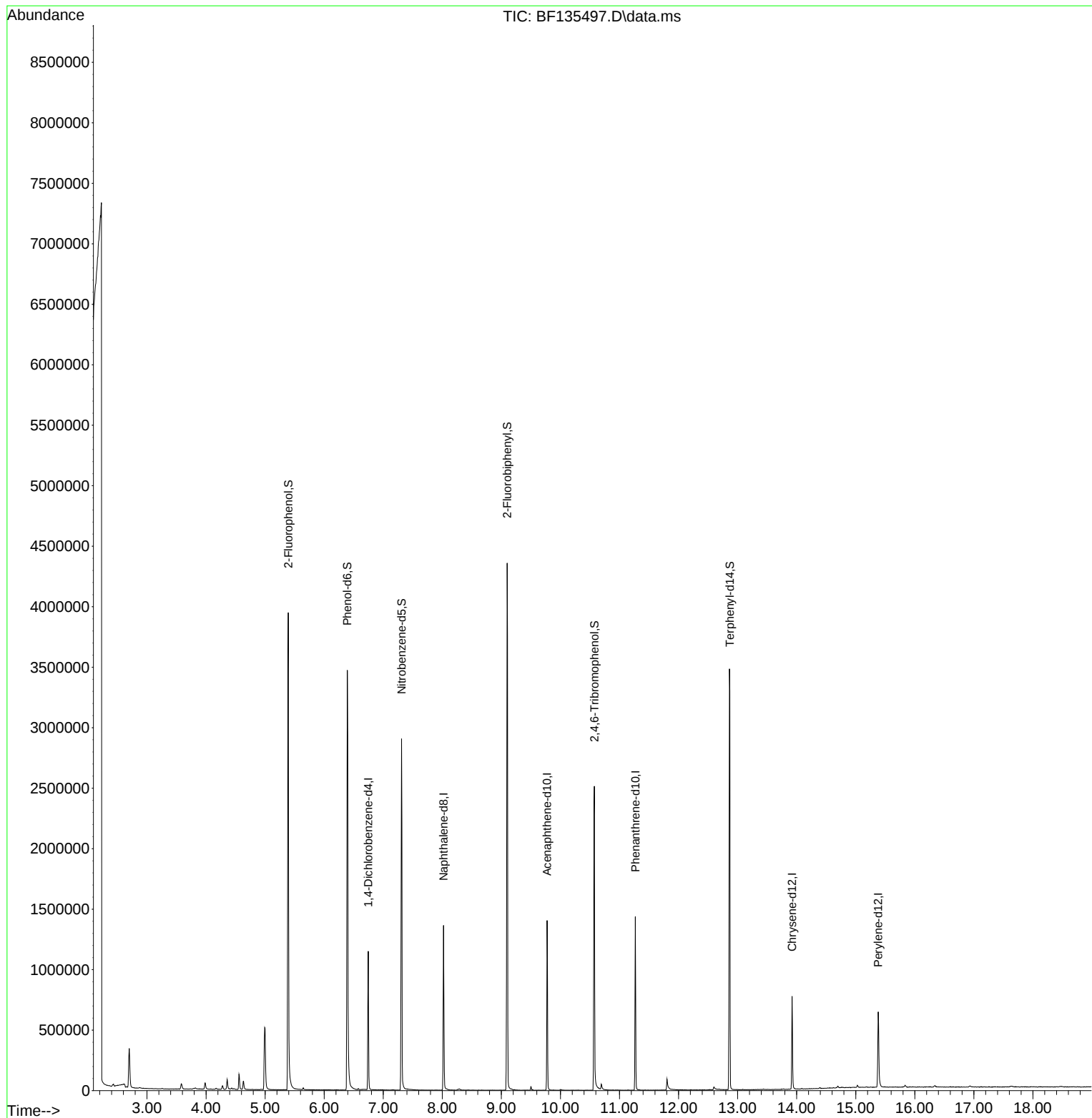
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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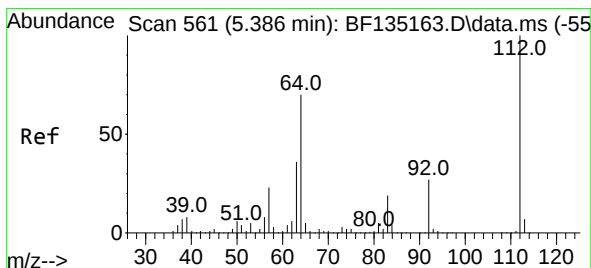
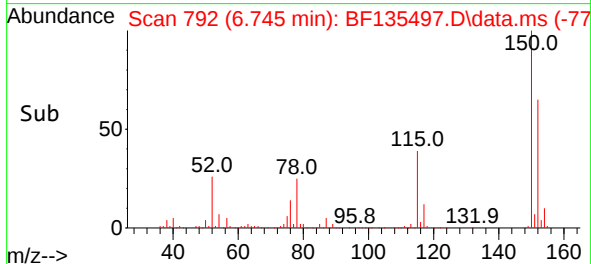
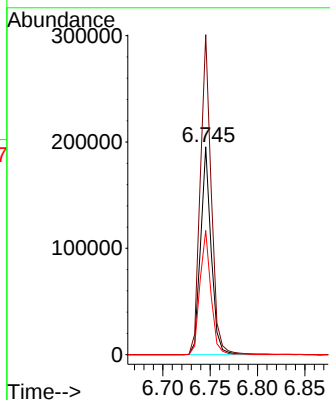
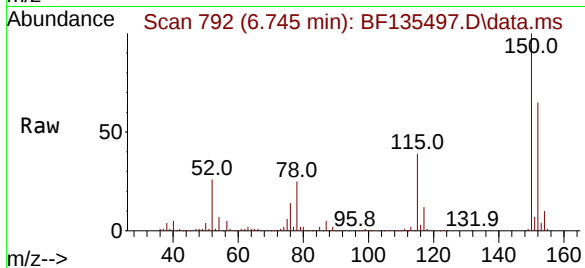




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

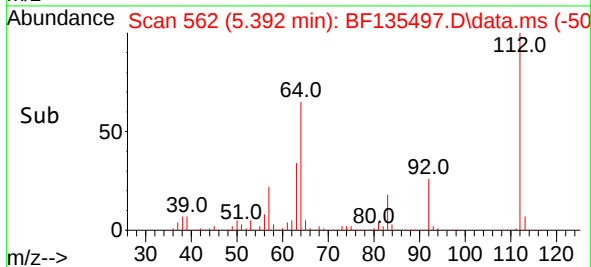
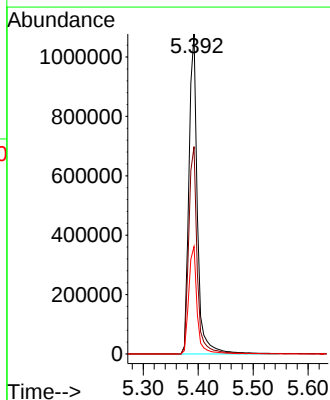
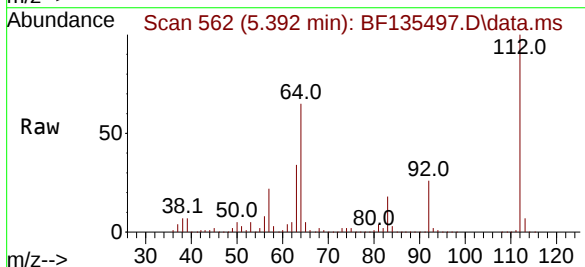
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

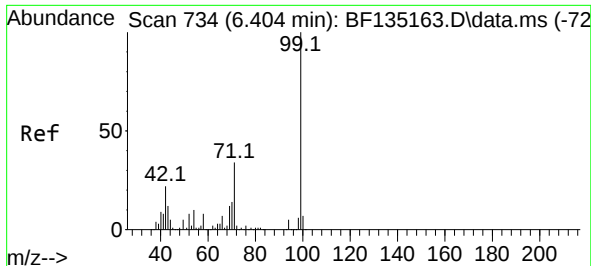
Tgt Ion:152 Resp: 153367
Ion Ratio Lower Upper
152 100
150 154.0 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 121.924 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.017 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

Tgt Ion:112 Resp: 1149690
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 33.5 29.0 43.6

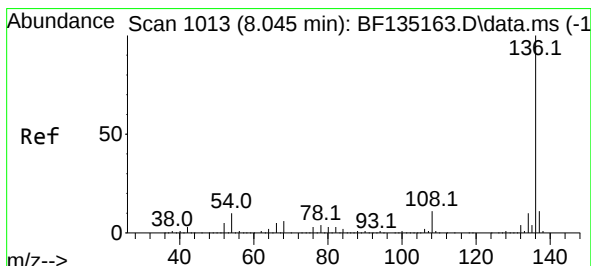
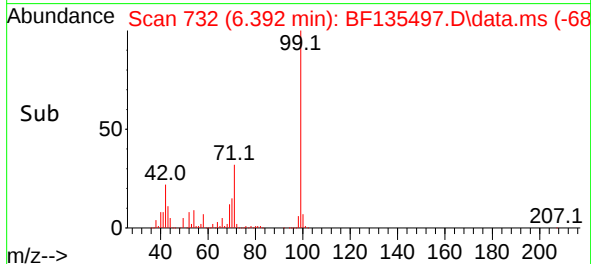
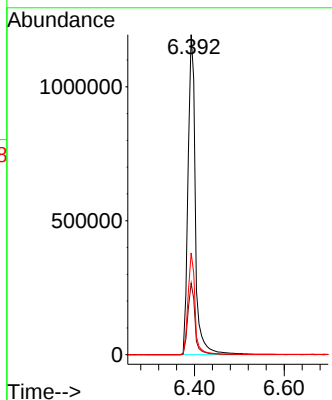
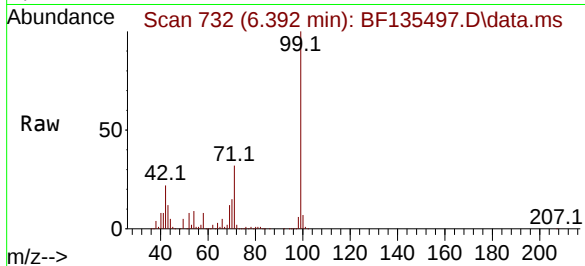




#7
Phenol-d6
Concen: 113.553 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

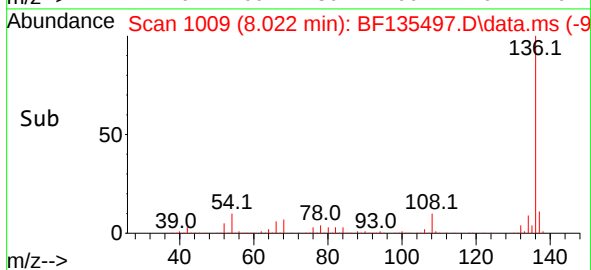
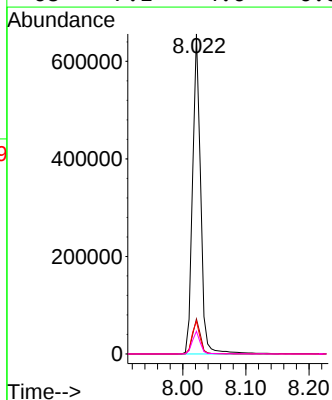
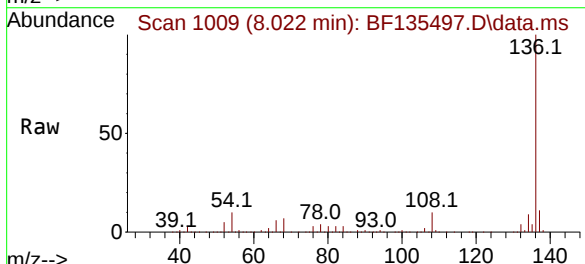
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

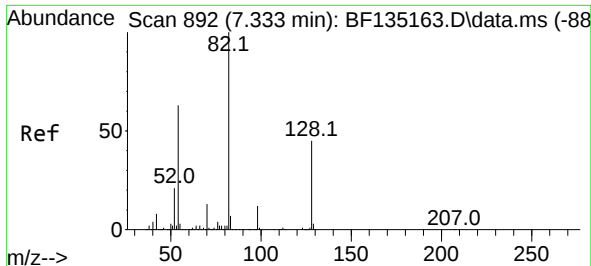
Tgt Ion: 99 Resp: 1361532
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 31.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

Tgt Ion:136 Resp: 580737
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 7.7 11.5
68 7.1 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 91.503 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135497.D

Acq: 28 Sep 2023 17:06

Instrument :

BNA_F

ClientSampleId :

STONE-OUT

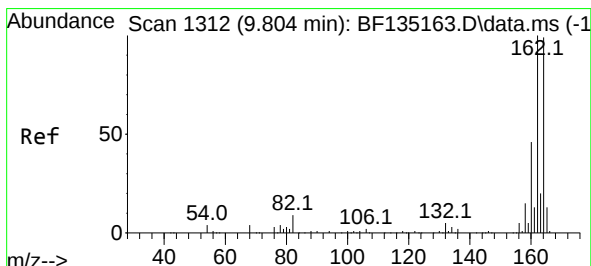
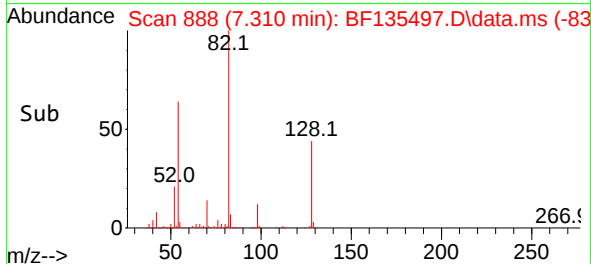
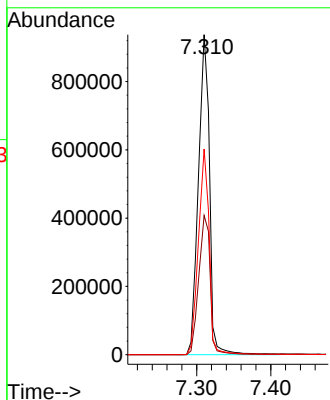
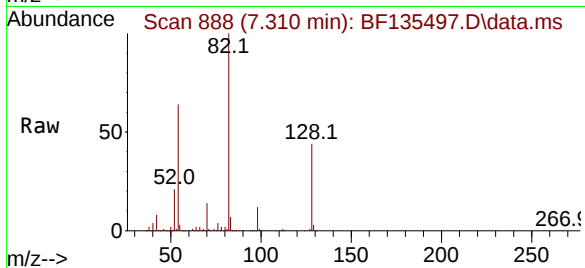
Tgt Ion: 82 Resp: 978090

Ion Ratio Lower Upper

82 100

128 43.5 35.8 53.6

54 64.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135497.D

Acq: 28 Sep 2023 17:06

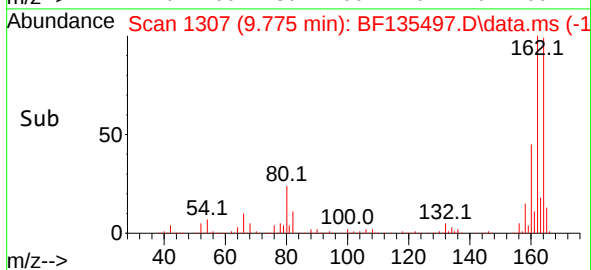
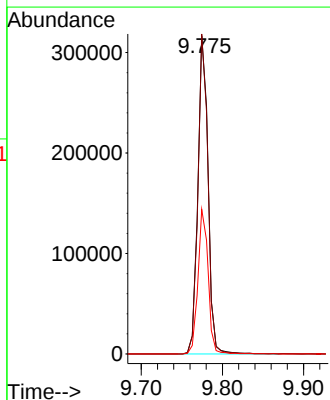
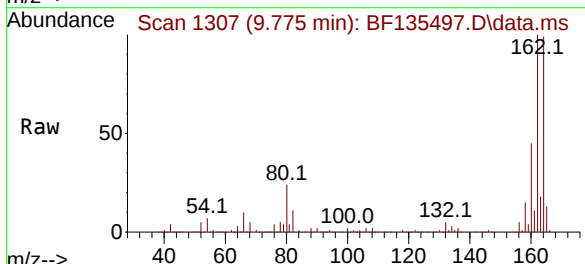
Tgt Ion: 164 Resp: 277875

Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

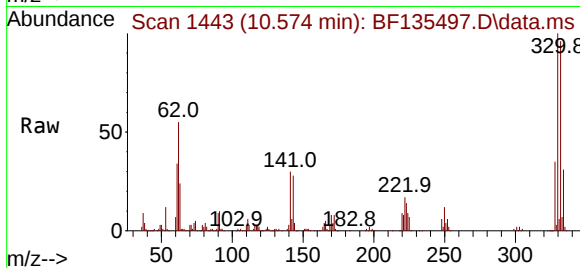
160 45.4 37.0 55.4



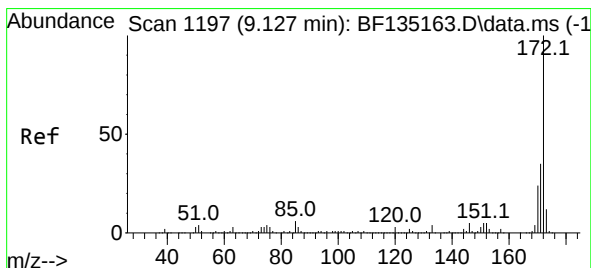
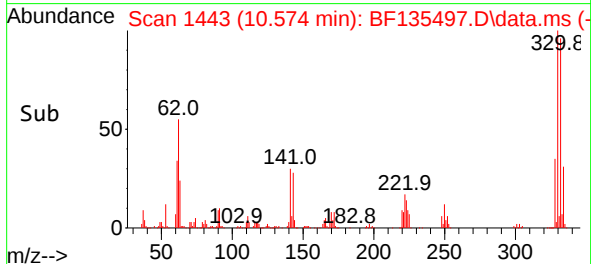
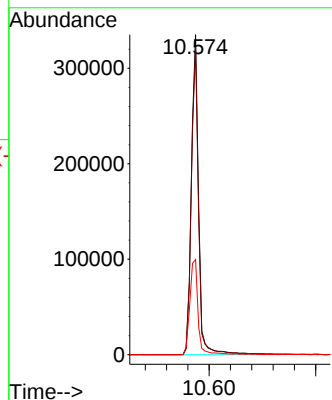


#42
2,4,6-Tribromophenol
Concen: 114.740 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

Instrument :
BNA_F
ClientSampleId :
STONE-OUT

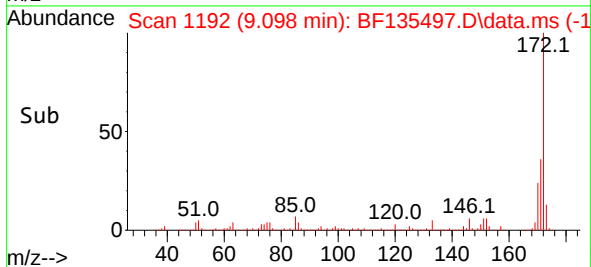
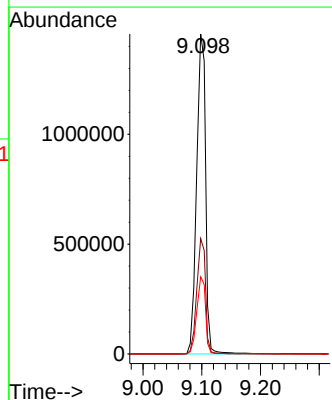
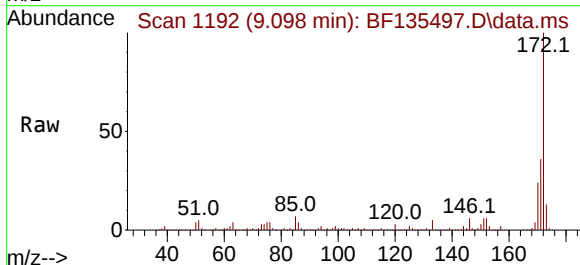


Tgt Ion:330 Resp: 316844
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.863 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

Tgt Ion:172 Resp: 1544584
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135497.D

Acq: 28 Sep 2023 17:06

Instrument :

BNA_F

ClientSampleId :

STONE-OUT

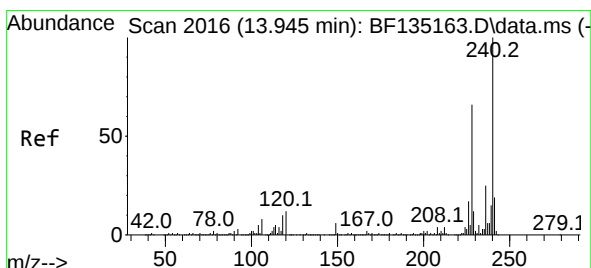
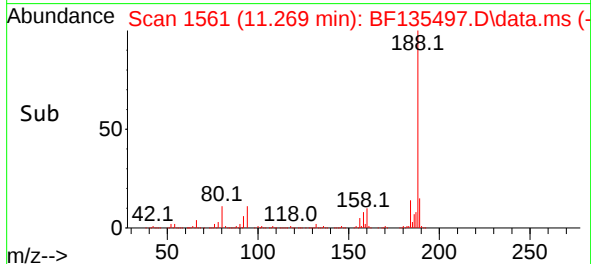
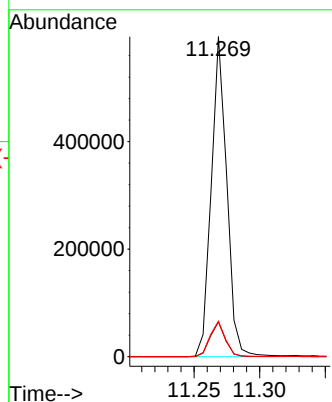
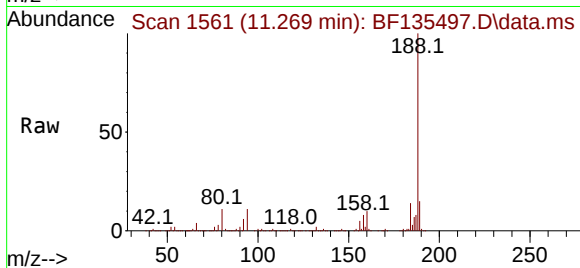
Tgt Ion:188 Resp: 491312

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.1 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135497.D

Acq: 28 Sep 2023 17:06

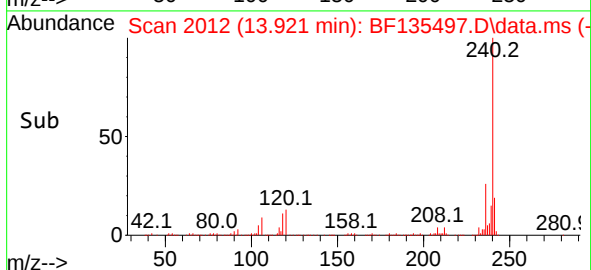
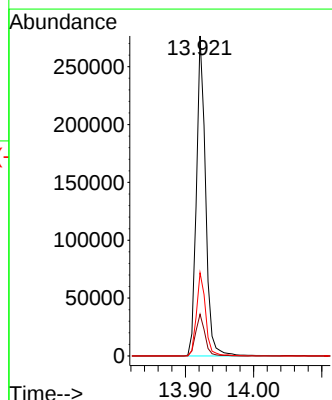
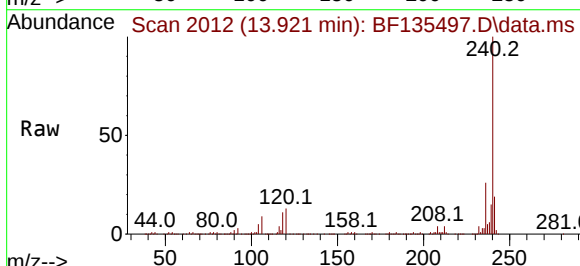
Tgt Ion:240 Resp: 257733

Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

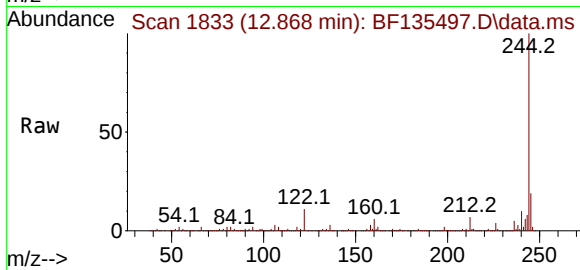
236 26.0 19.8 29.8



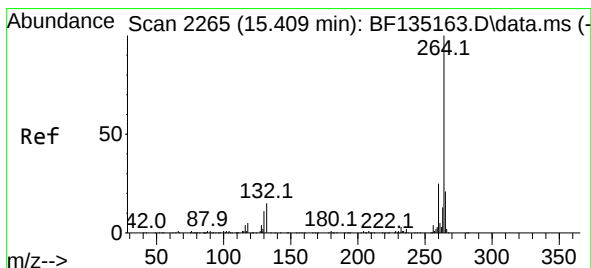
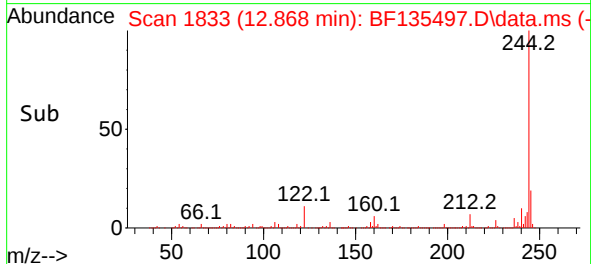
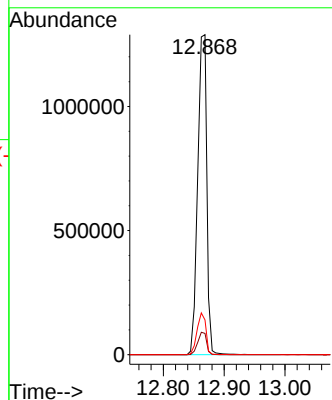


#79
 Terphenyl-d14
 Concen: 80.513 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135497.D
 Acq: 28 Sep 2023 17:06

Instrument :
 BNA_F
 ClientSampleId :
 STONE-OUT



Tgt Ion:244 Resp: 1338604
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BF135497.D
 Acq: 28 Sep 2023 17:06

Tgt Ion:264 Resp: 301205
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.8 29.6
 265 21.0 17.0 25.4

