

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)

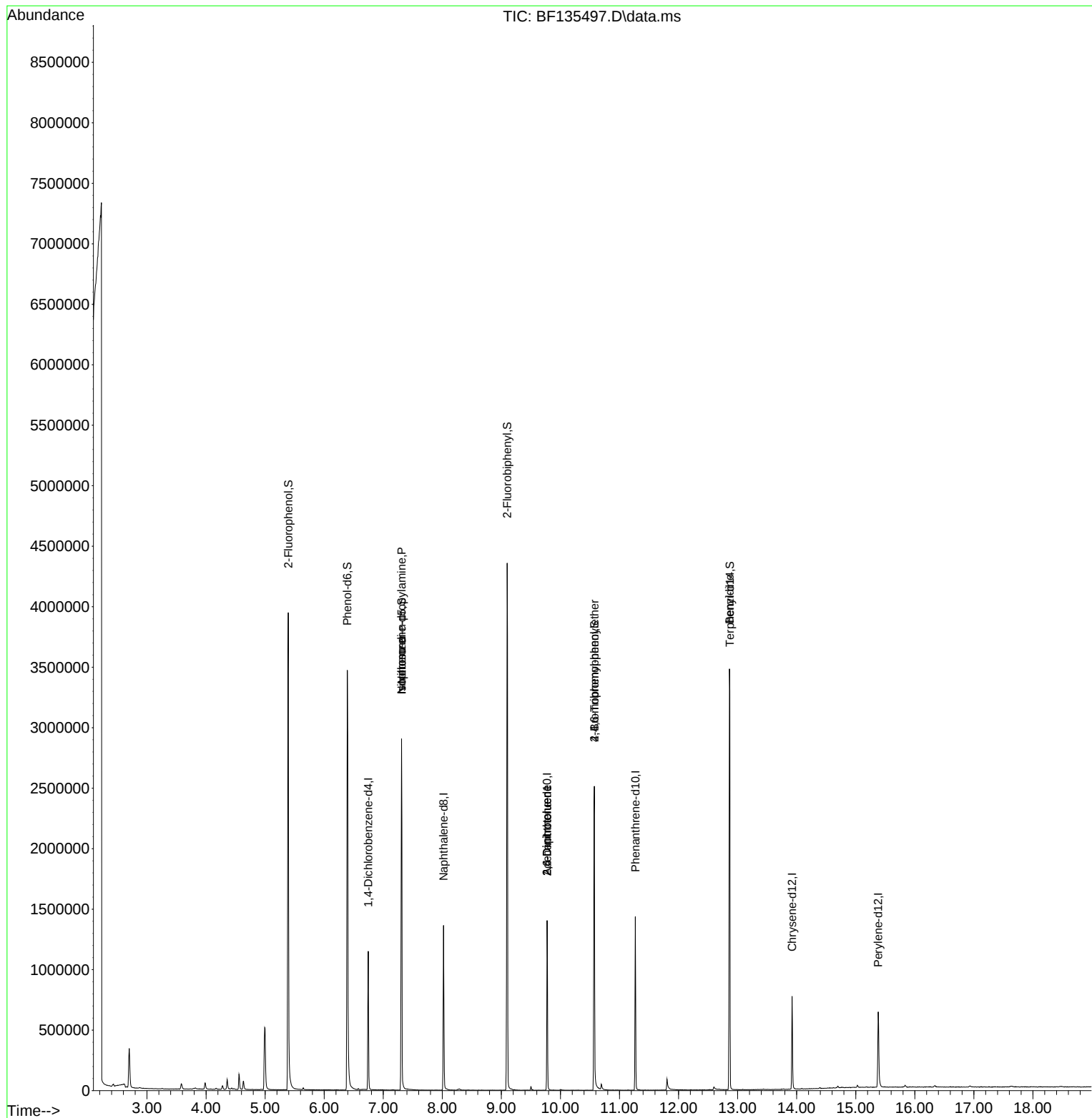
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	153367	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	580737	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	277875	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	491312	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	257733	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.310	70	129479	17.434	ng	# 79
25) Isophorone	7.310	82	978079	49.830	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	35551	8.638	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	35551	6.900	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	19640	4.019	ng	# 1
77) Benzidine	12.863	184	17241	3.265	ng	# 91

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

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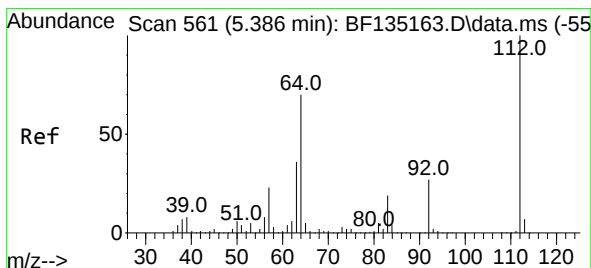
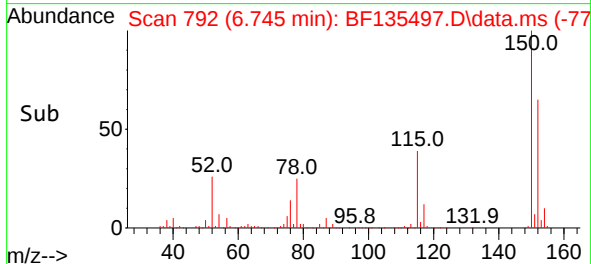
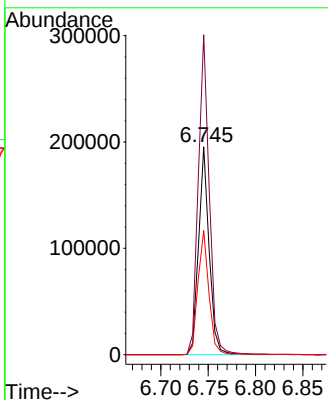
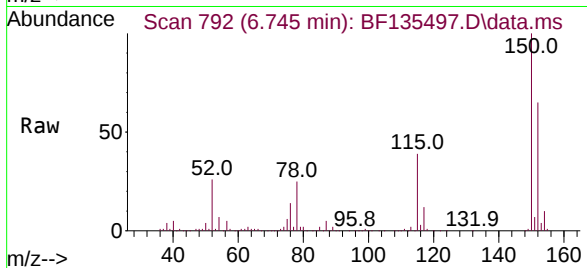




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

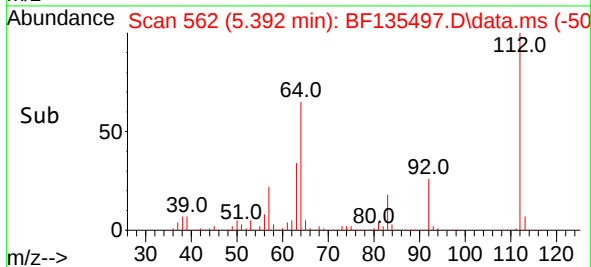
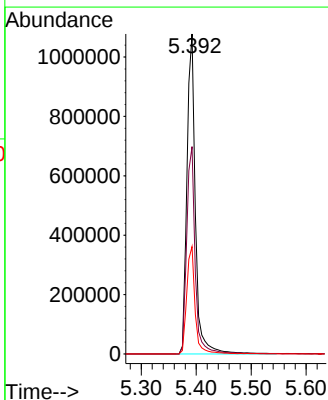
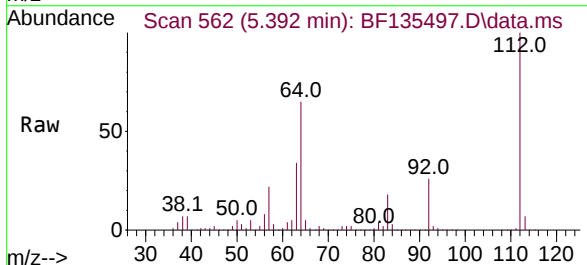
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

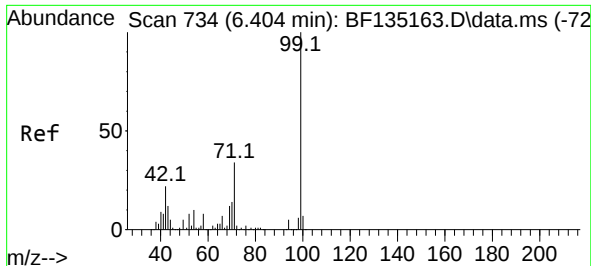
Tgt Ion:152 Resp: 153367
Ion Ratio Lower Upper
152 100
150 154.0 127.8 191.6
115 59.8 49.8 74.8



#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

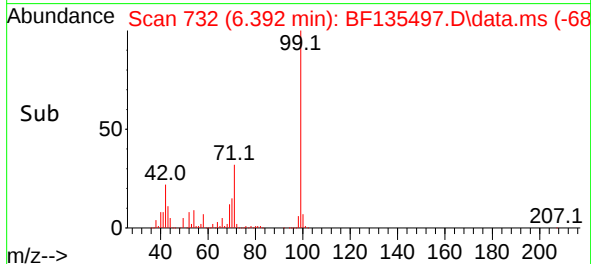
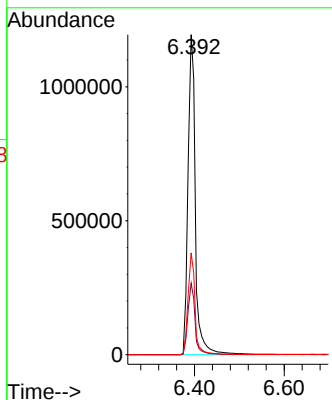
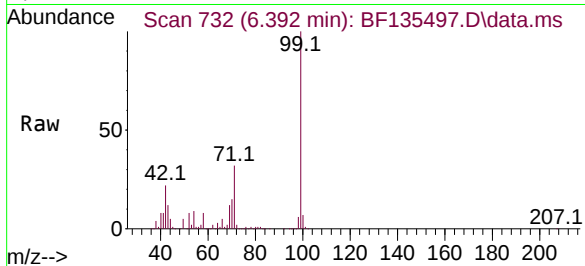




#7
Phenol-d6
Concen: 113.553 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

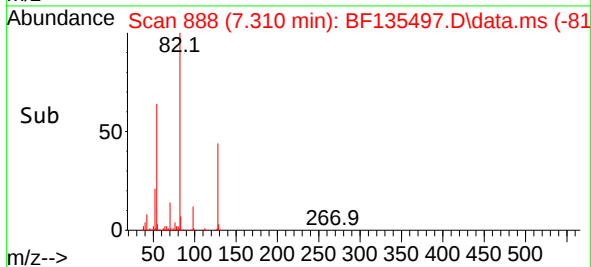
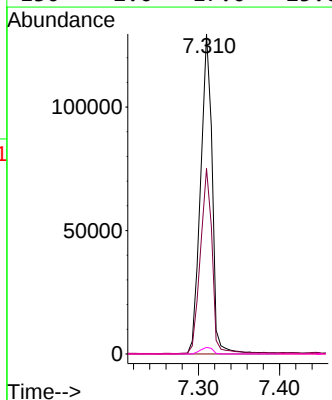
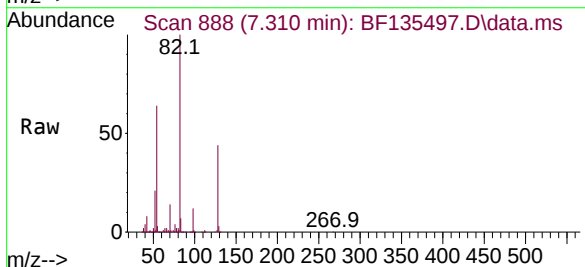
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

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



#19
n-Nitroso-di-n-propylamine
Concen: 17.434 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

Tgt Ion: 70 Resp: 129479
Ion Ratio Lower Upper
70 100
42 58.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

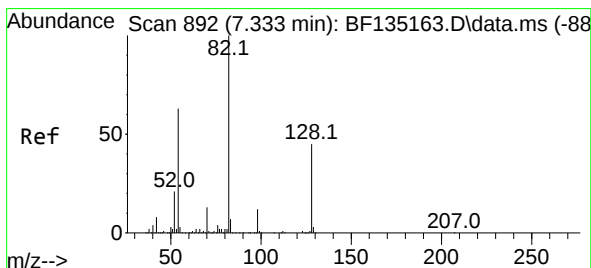
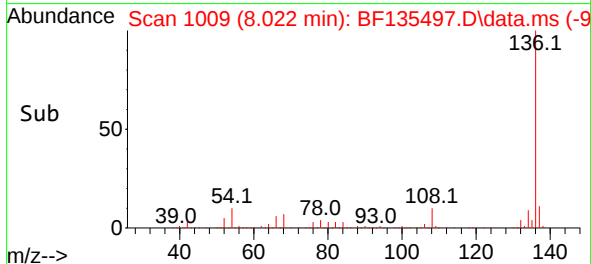
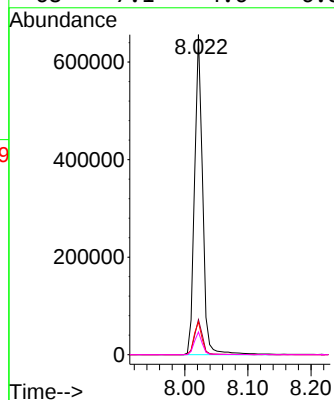
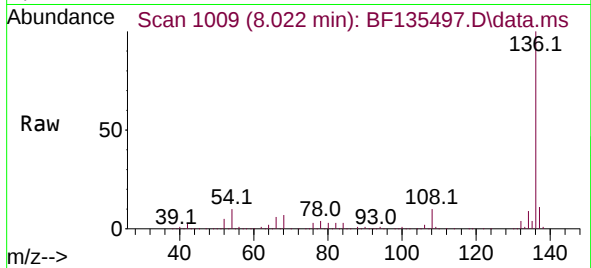




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

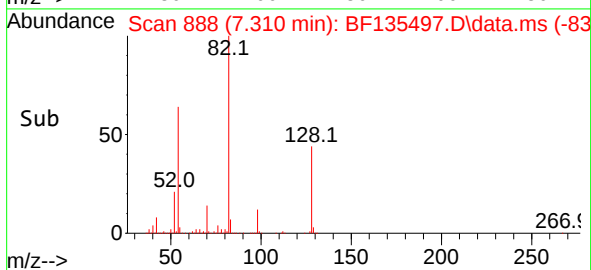
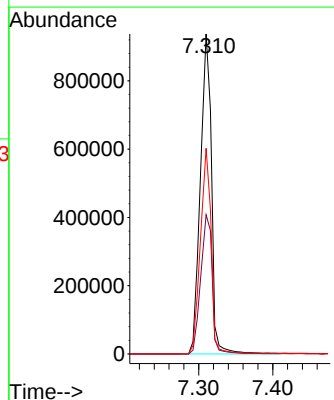
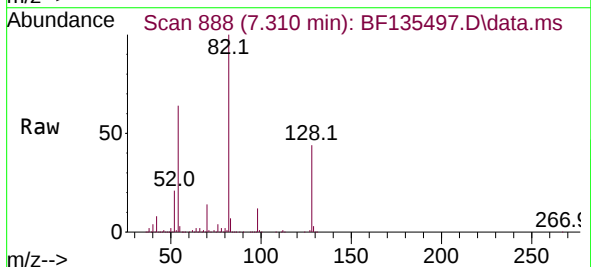
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

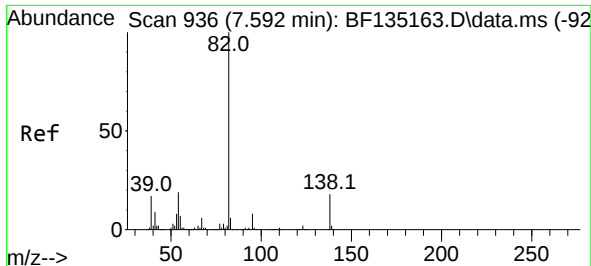
Tgt Ion:136 Resp: 580737
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 91.503 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

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

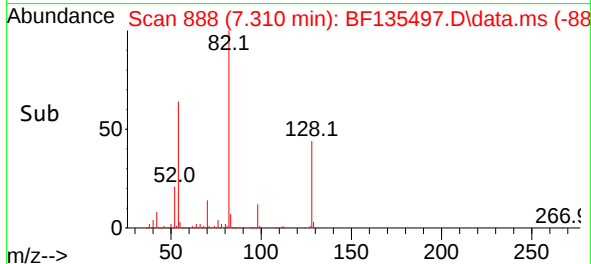
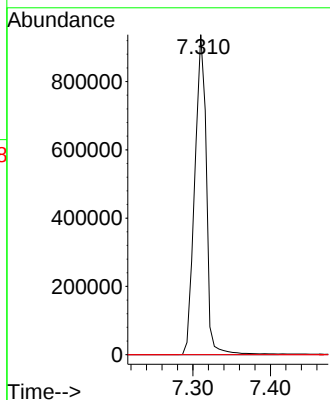
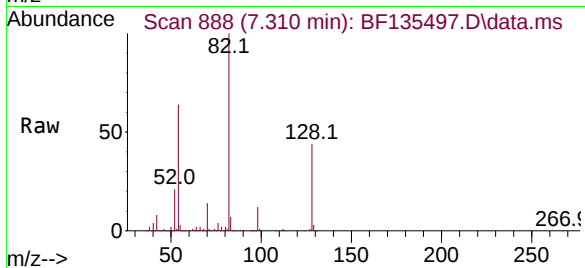




#25
Isophorone
Concen: 49.830 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

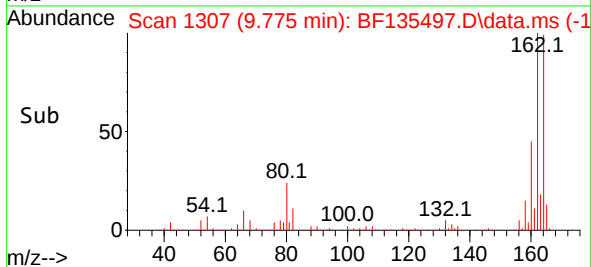
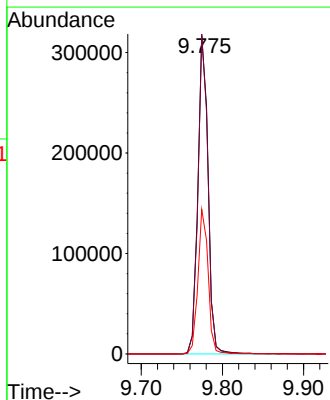
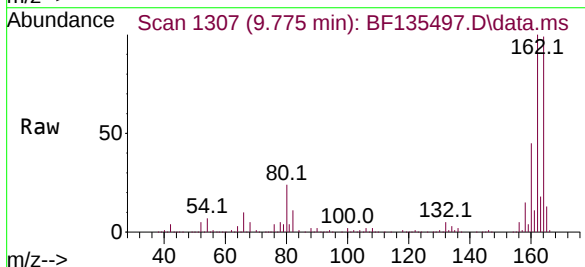
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

Tgt Ion: 82 Resp: 978079
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#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

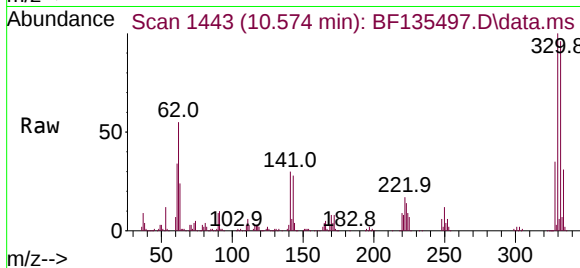
Tgt Ion: 164 Resp: 277875
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 45.4 37.0 55.4



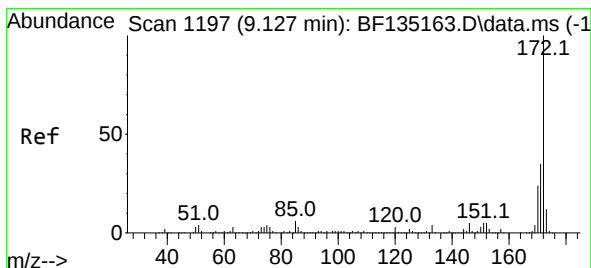
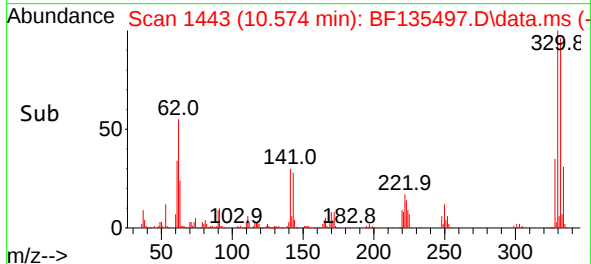
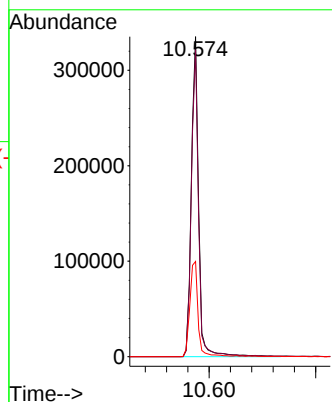


#42
2,4,6-Tribromophenol
Concen: 114.740 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

Instrument :
BNA_F
ClientSampleId :
STONE-OUT

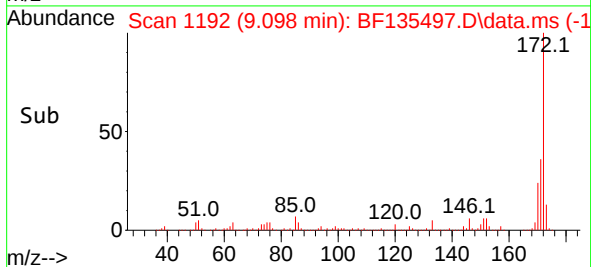
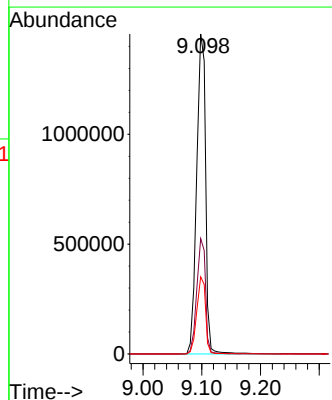
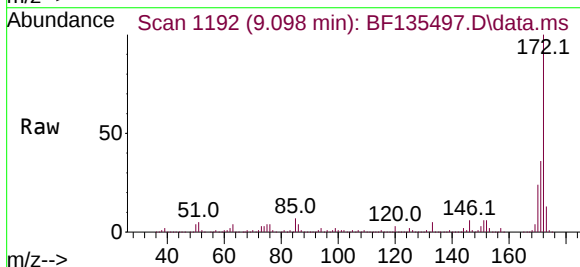


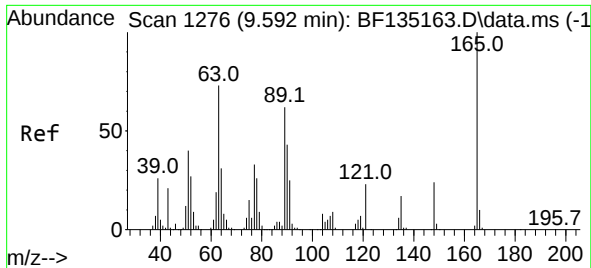
Tgt Ion:330 Resp: 316844
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.6 25.8 38.8



#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

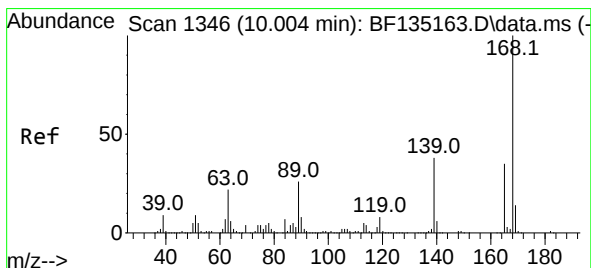
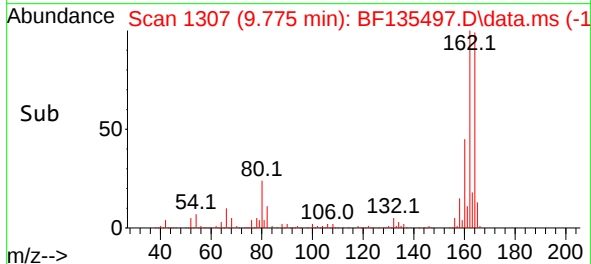
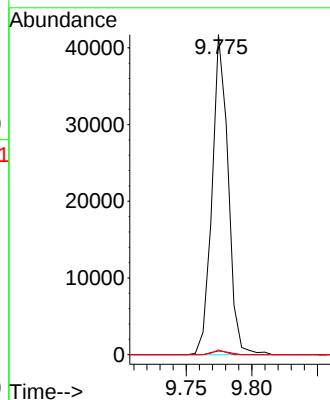
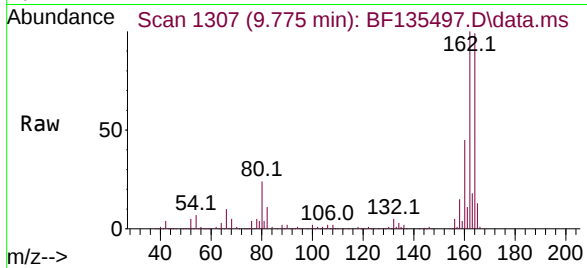




#51
2,6-Dinitrotoluene
Concen: 8.638 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

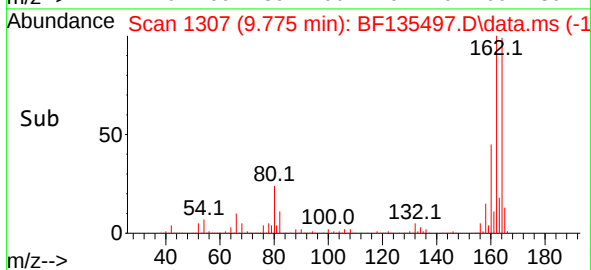
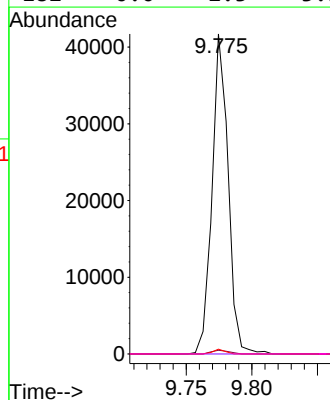
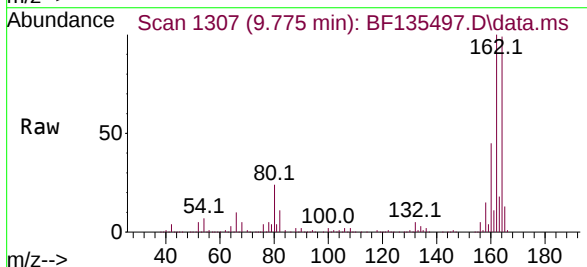
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

Tgt Ion:165 Resp: 35551
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.5 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.900 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

Tgt Ion:165 Resp: 35551
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#





#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

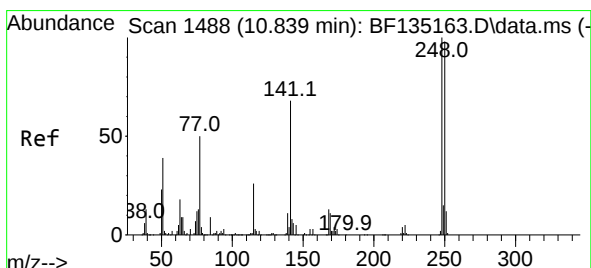
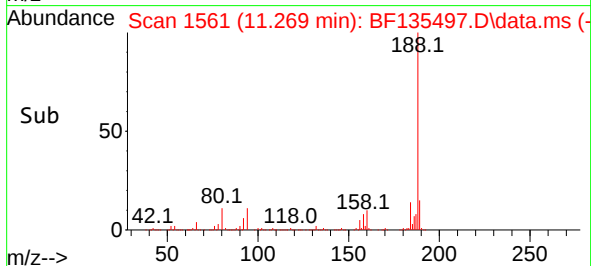
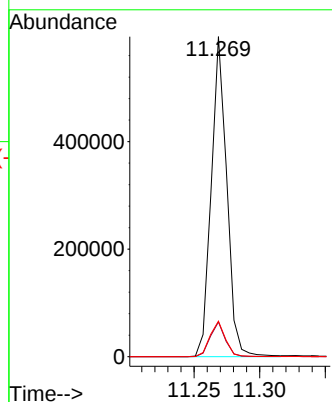
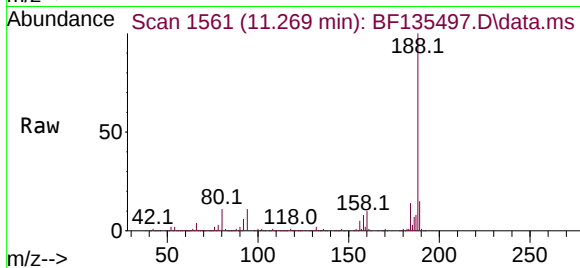
Tgt Ion:188 Resp: 491312

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.1 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.019 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135497.D

Acq: 28 Sep 2023 17:06

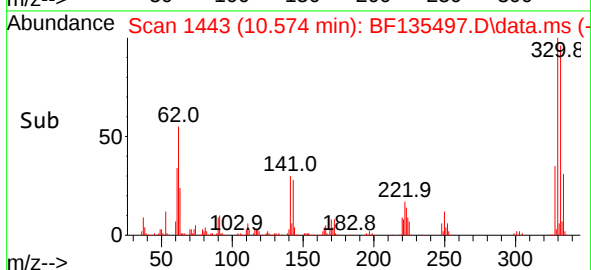
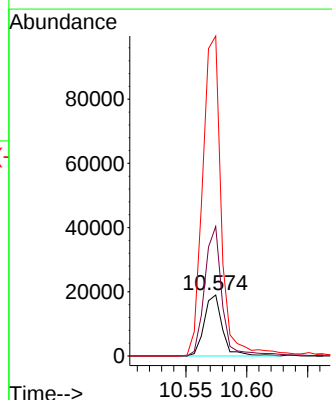
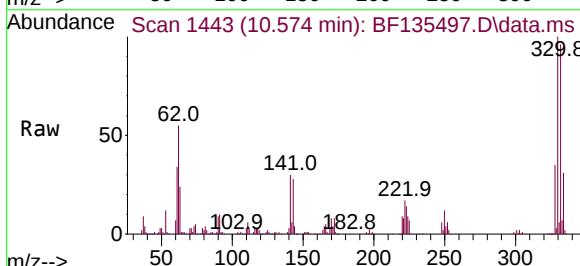
Tgt Ion:248 Resp: 19640

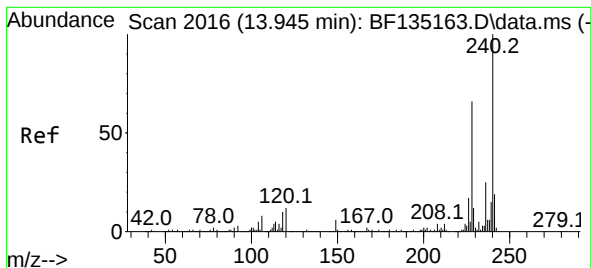
Ion Ratio Lower Upper

248 100

250 212.6 78.6 117.8#

141 525.4 54.2 81.2#

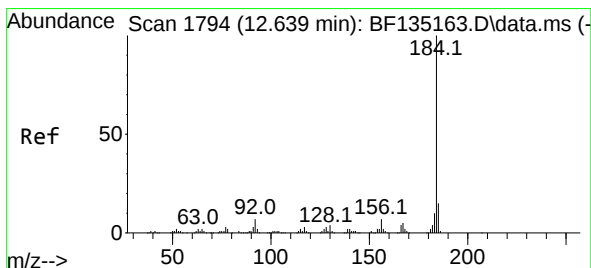
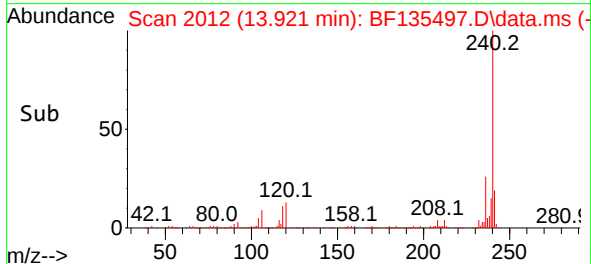
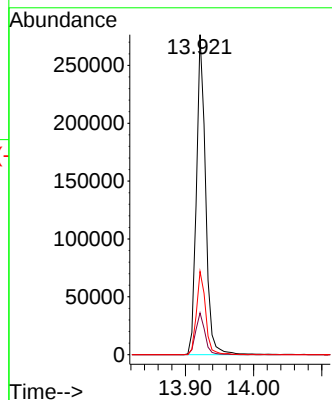
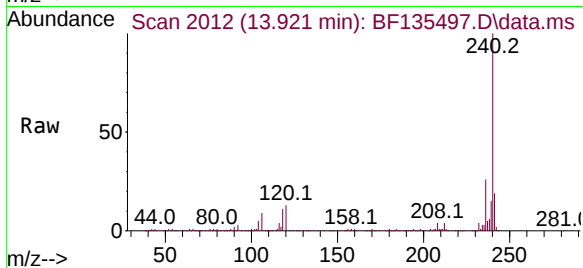




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

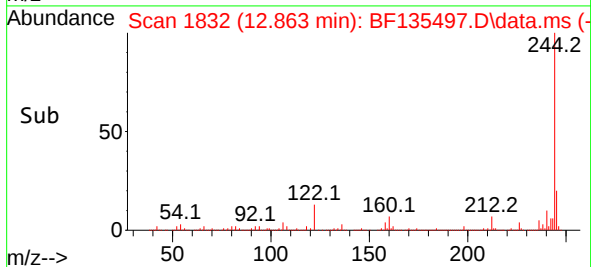
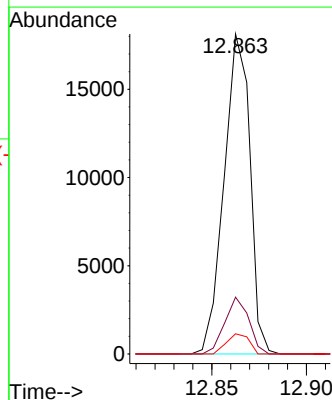
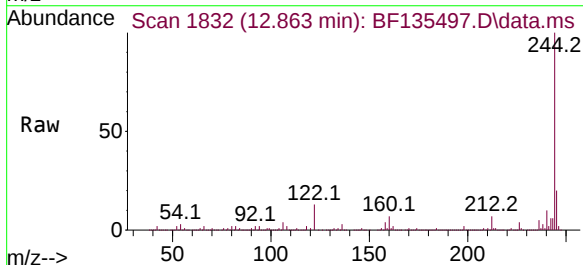
Instrument :
BNA_F
ClientSampleId :
STONE-OUT

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



#77
Benzidine
Concen: 3.265 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135497.D
Acq: 28 Sep 2023 17:06

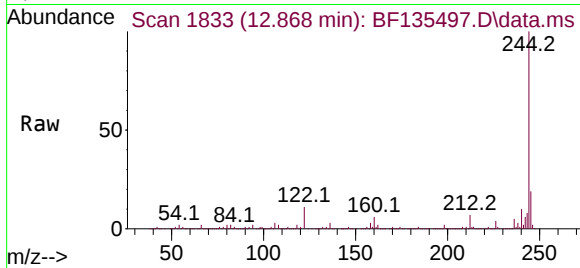
Tgt Ion:184 Resp: 17241
Ion Ratio Lower Upper
184 100
185 17.8 11.7 17.5#
183 6.3 8.2 12.4#





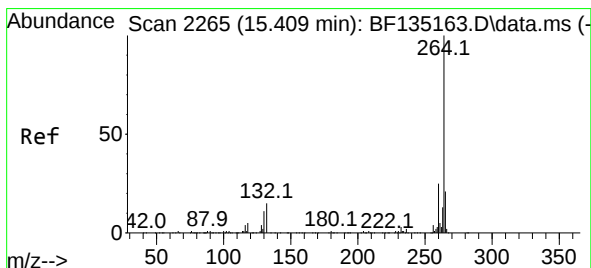
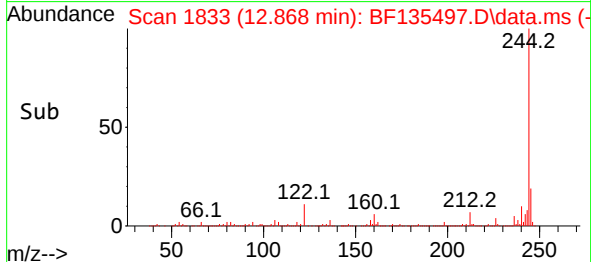
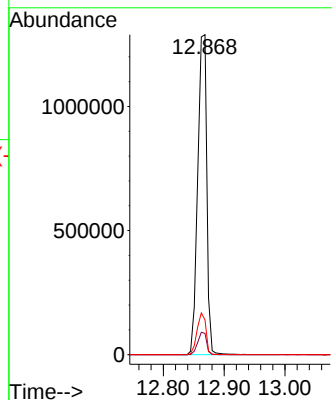
#79
 Terphenyl-d14
 Concen: 80.513 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135497.D
 Acq: 28 Sep 2023 17:06

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

