

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135427.D
 Acq On : 25 Sep 2023 15:15
 Operator : CG\JU
 Sample : PB155524BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:41:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

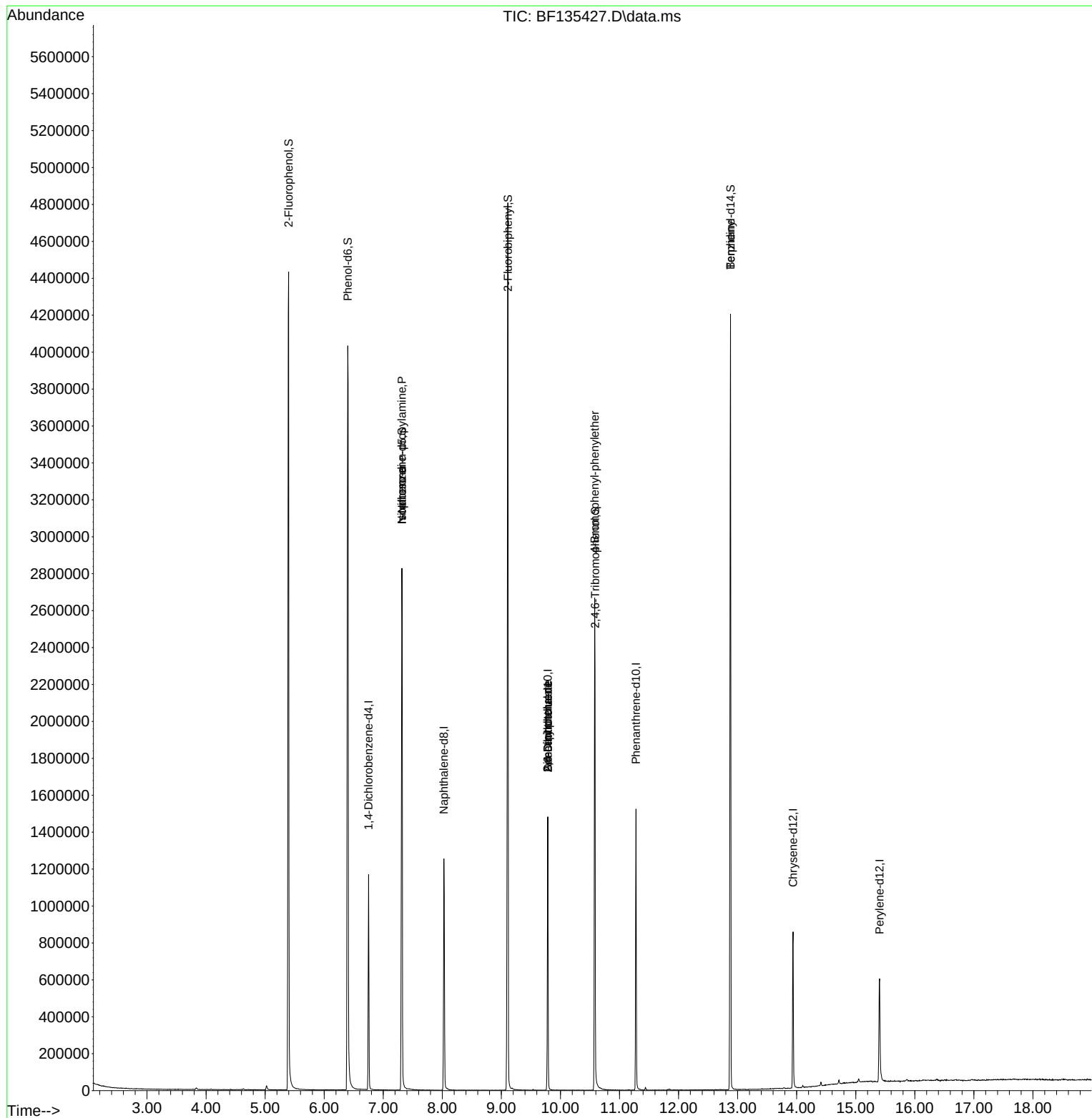
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	161693	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	620111	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	294273	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	535048	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	305415	20.000	ng	0.00
86) Perylene-d12	15.404	264	287774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1325267	133.307	ng	0.02
7) Phenol-d6	6.398	99	1690274	133.712	ng	0.00
23) Nitrobenzene-d5	7.316	82	1083379	94.917	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	336644	115.117	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1729031	88.646	ng	0.00
79) Terphenyl-d14	12.880	244	1615504	81.998	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	142302	18.174	ng	# 81
25) Isophorone	7.316	82	1083372	51.690	ng	# 65
50) Dimethylphthalate	9.786	163	57773	2.904	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	38476	8.828	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	38476	7.051	ng	# 18
67) 4-Bromophenyl-phenylether	10.580	248	21317	4.006	ng	# 1
77) Benzidine	12.880	184	20110	3.214	ng	# 94

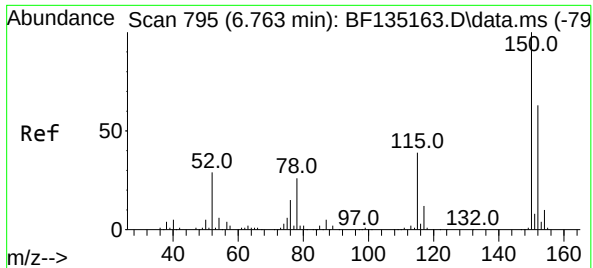
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135427.D
Acq On : 25 Sep 2023 15:15
Operator : CG\JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

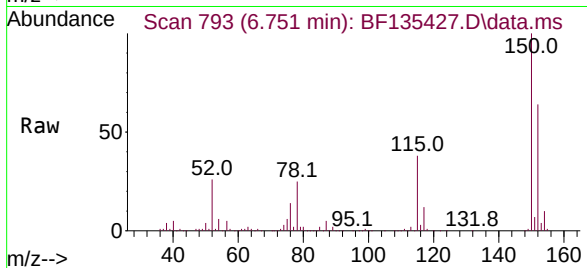
Quant Time: Sep 26 01:41:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



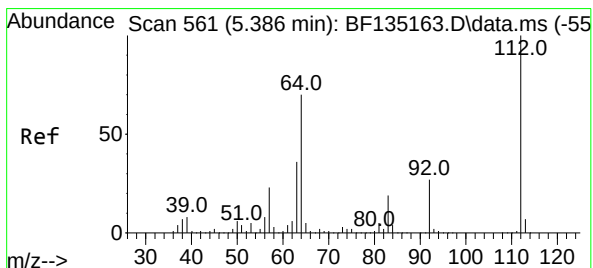
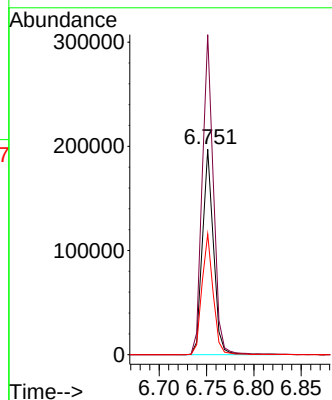
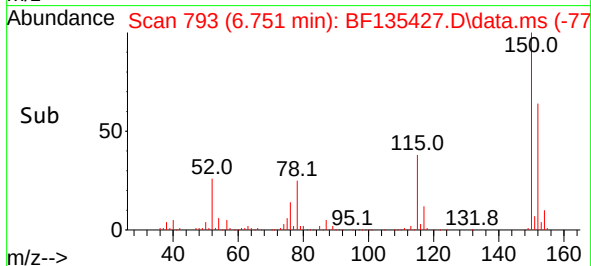


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

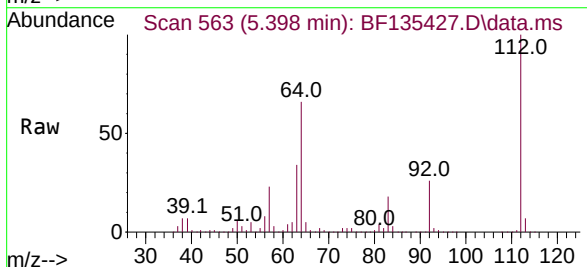
Instrument :
BNA_F
ClientSampleId :



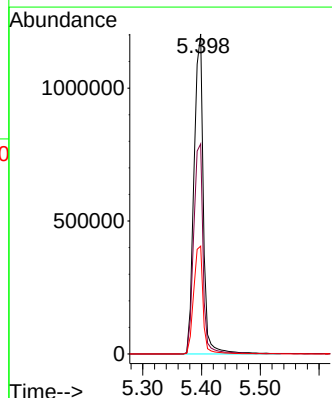
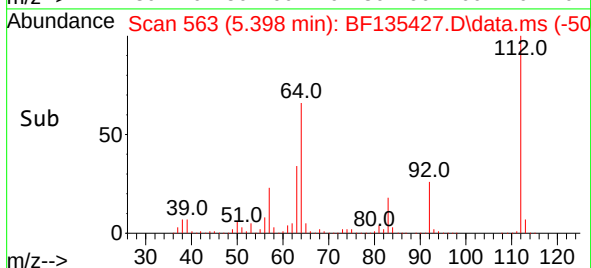
Tgt Ion:152 Resp: 161693
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.6
115 58.7 49.8 74.8

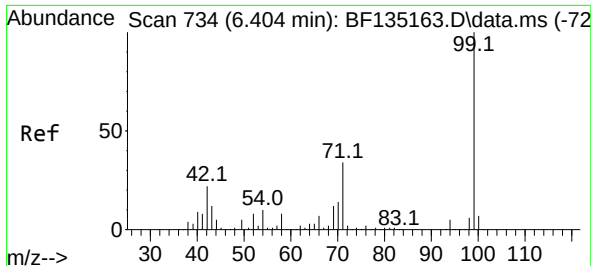


#5
2-Fluorophenol
Concen: 133.307 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15



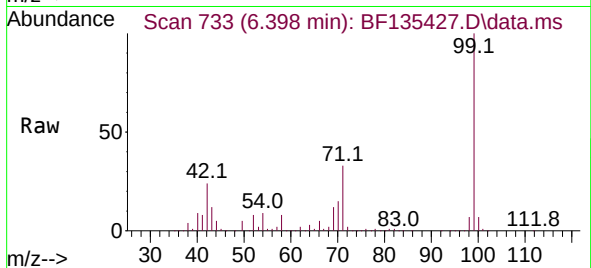
Tgt Ion:112 Resp: 1325267
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 33.7 29.0 43.6



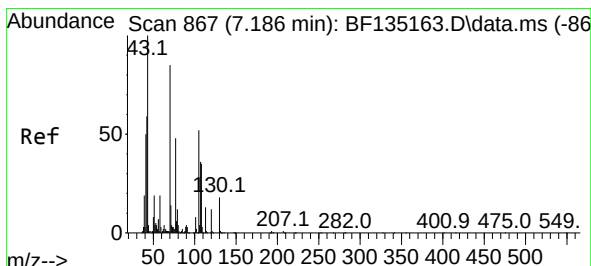
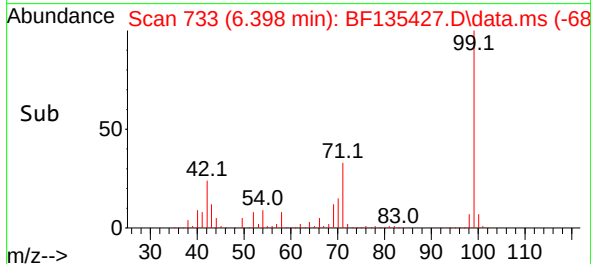
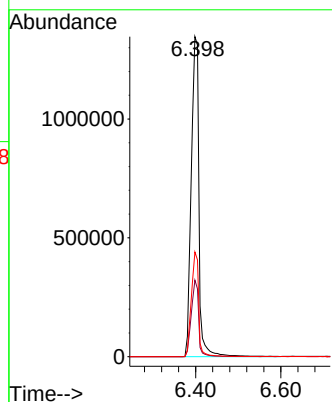


#7
Phenol-d6
Concen: 133.712 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Instrument :
BNA_F
ClientSampleId :

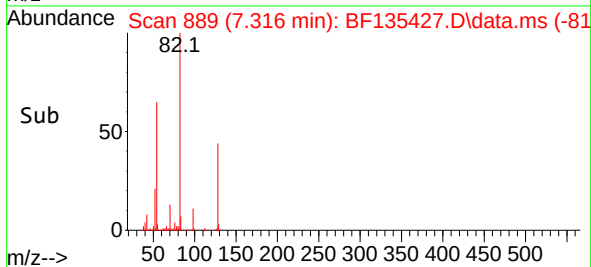
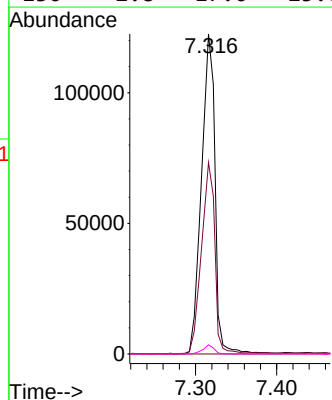
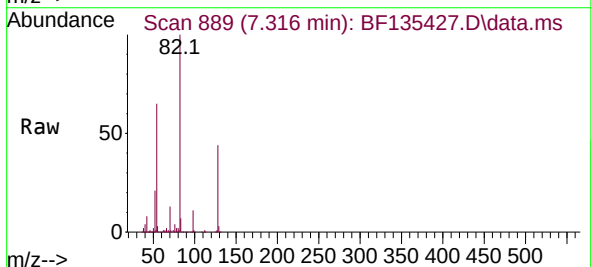


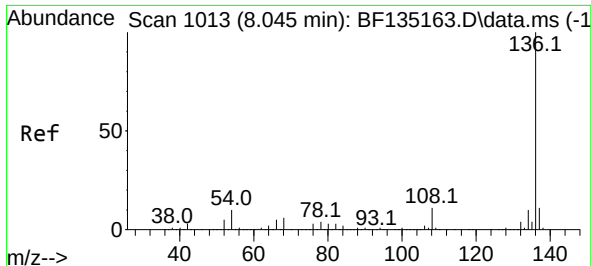
Tgt Ion: 99 Resp: 1690274
Ion Ratio Lower Upper
99 100
42 23.9 17.9 26.9
71 32.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.174 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

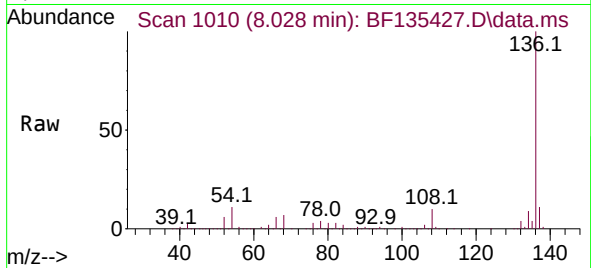
Tgt Ion: 70 Resp: 142302
Ion Ratio Lower Upper
70 100
42 59.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.8 17.0 25.6#



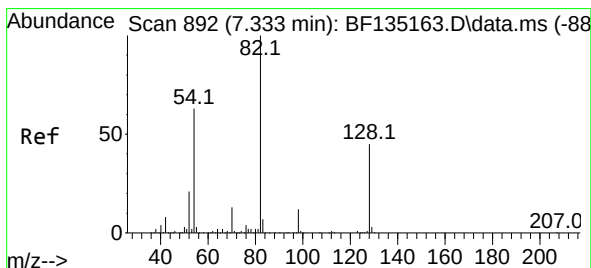
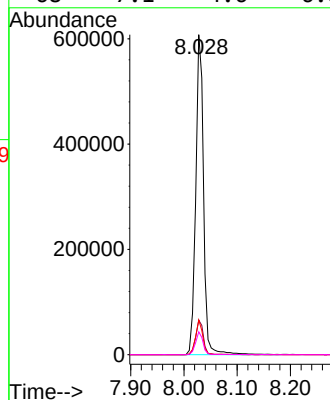
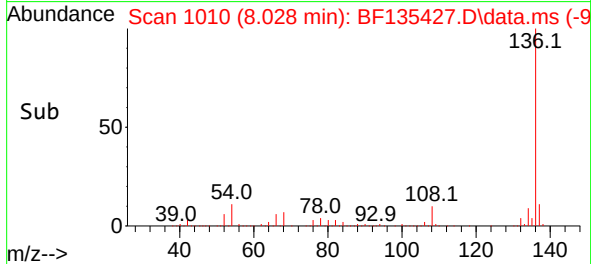


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Instrument :
BNA_F
ClientSampleId :

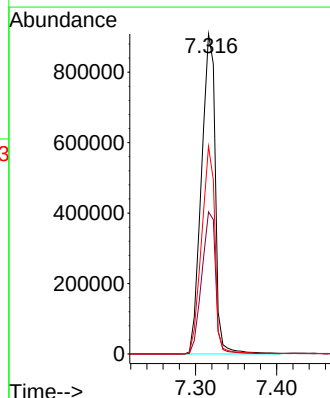
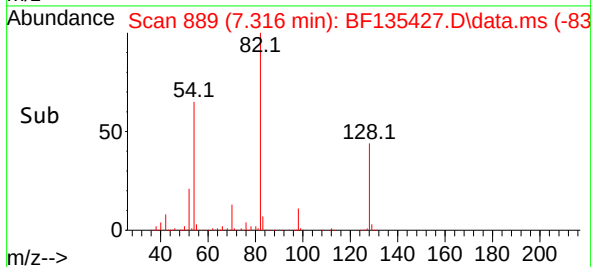
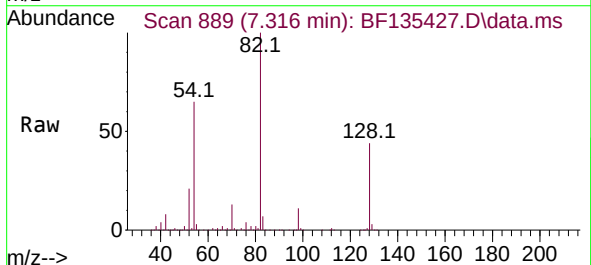


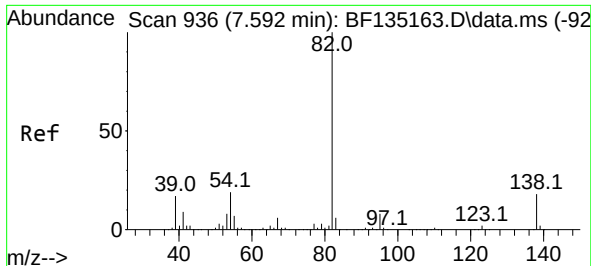
Tgt Ion:136 Resp: 620111
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.9 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 94.917 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

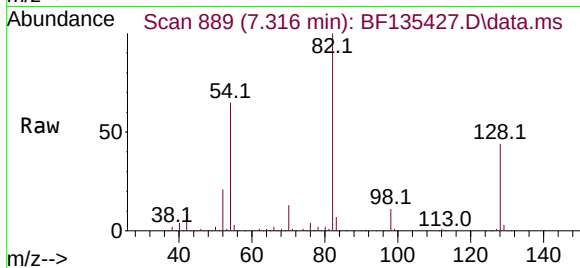
Tgt Ion: 82 Resp: 1083379
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 64.9 50.6 76.0



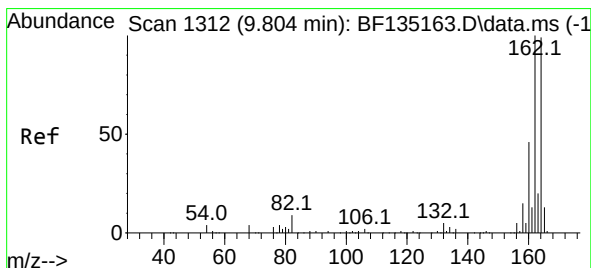
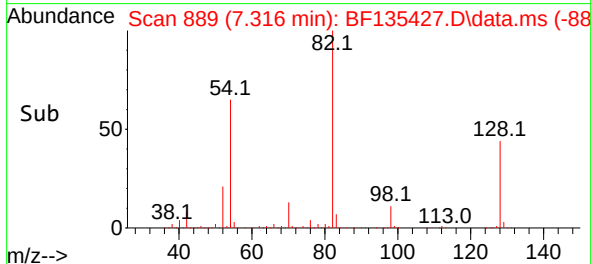
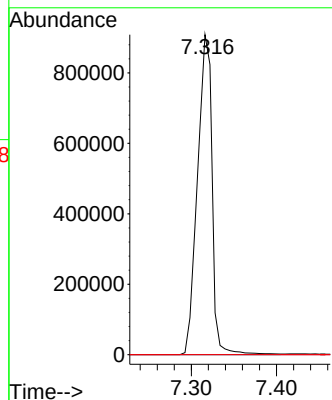


#25
Isophorone
Concen: 51.690 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Instrument :
BNA_F
ClientSampleId :

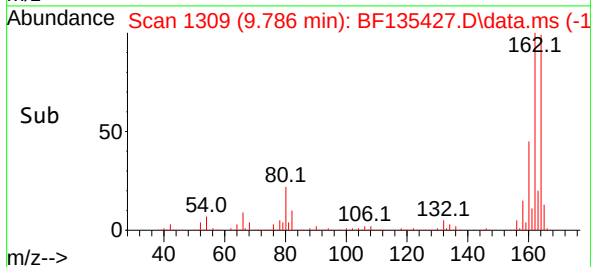
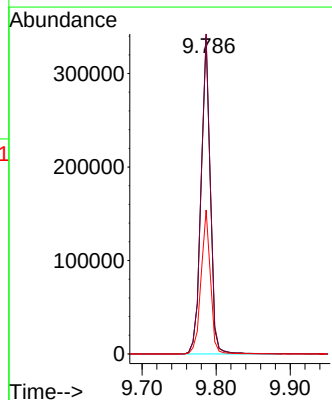
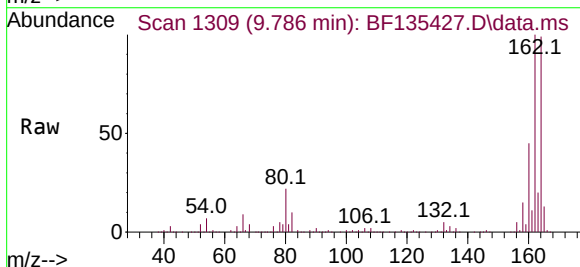


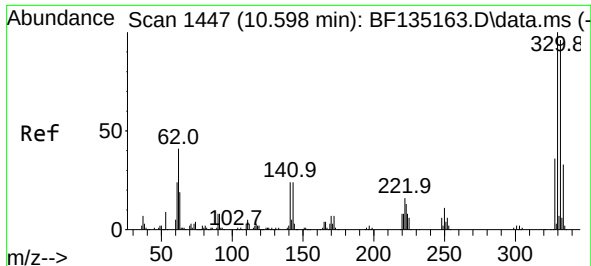
Tgt Ion: 82 Resp: 1083372
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Tgt Ion: 164 Resp: 294273
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 45.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 115.117 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

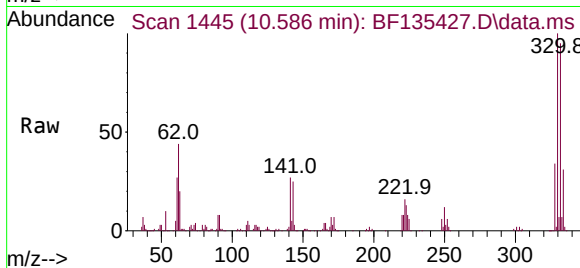
Lab File: BF135427.D

Acq: 25 Sep 2023 15:15

Instrument :

BNA_F

ClientSampleId :



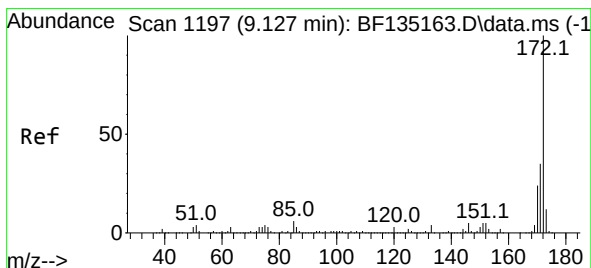
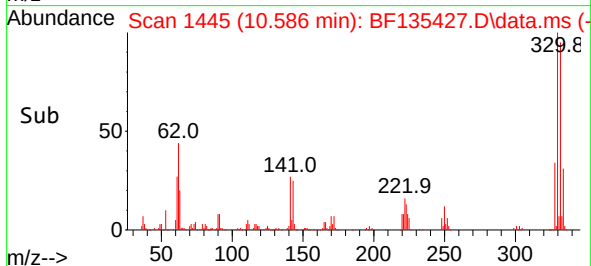
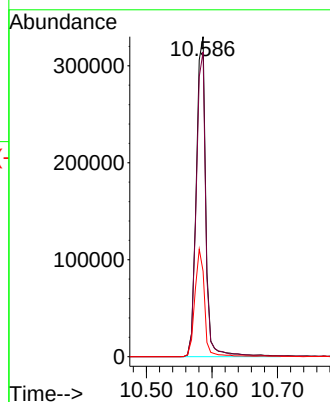
Tgt Ion:330 Resp: 336644

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 33.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 88.646 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135427.D

Acq: 25 Sep 2023 15:15

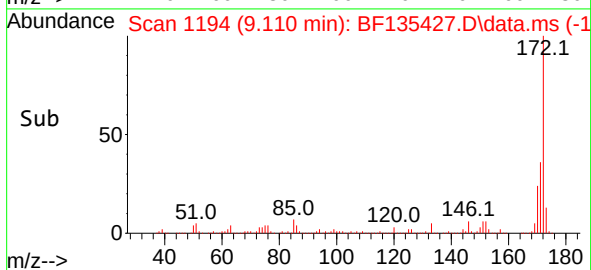
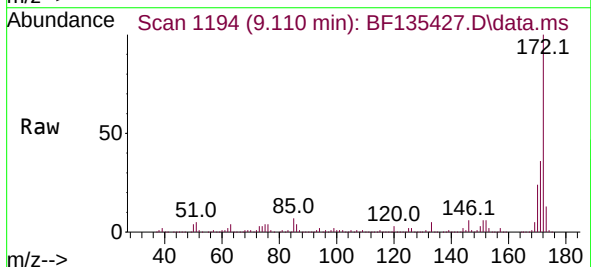
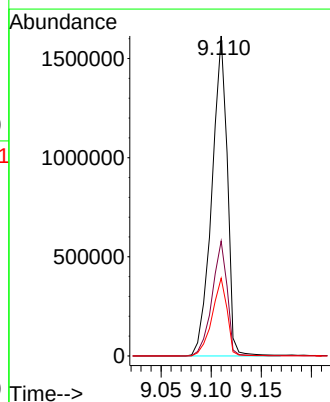
Tgt Ion:172 Resp: 1729031

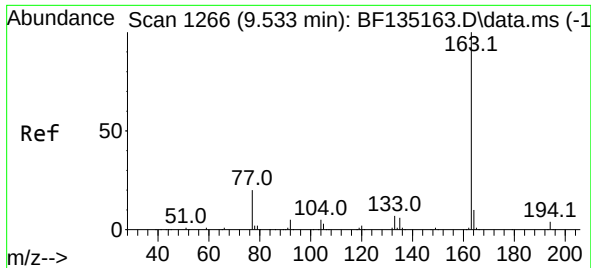
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.3 19.0 28.4

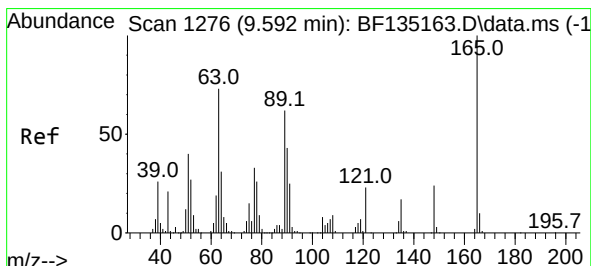
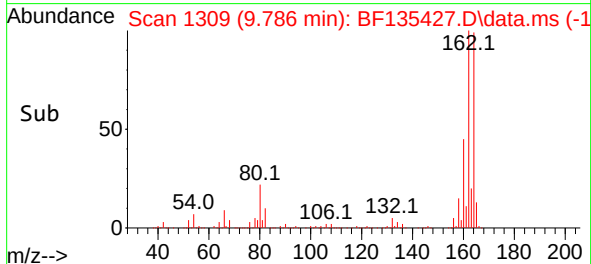
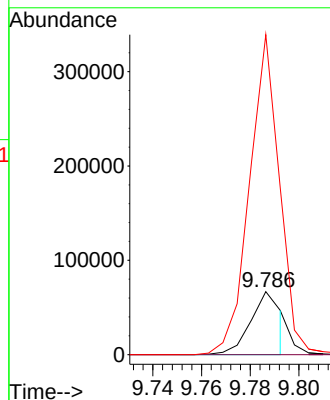
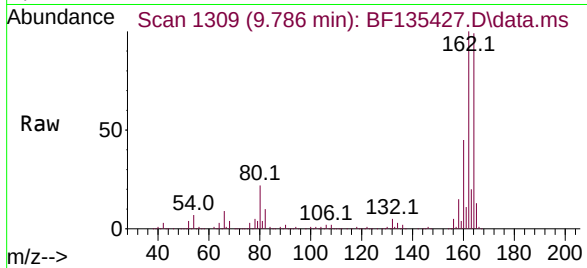




#50
Dimethylphthalate
Concen: 2.904 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.265 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

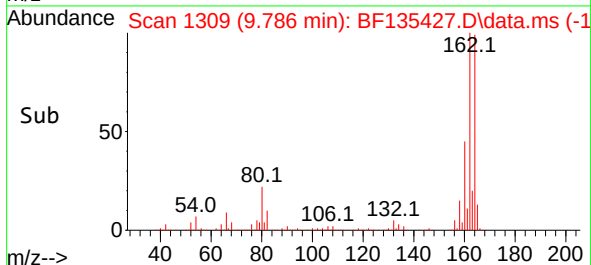
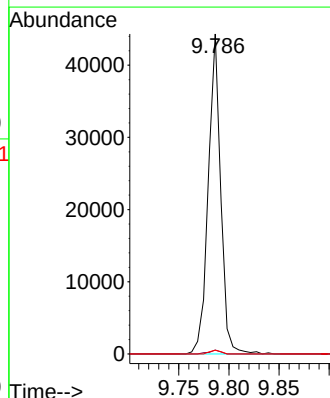
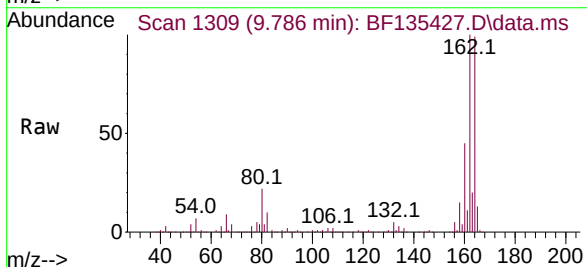
Instrument :
BNA_F
ClientSampleId :

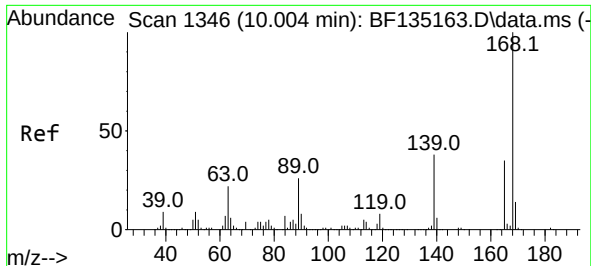
Tgt Ion:163 Resp: 57773
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 508.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.828 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

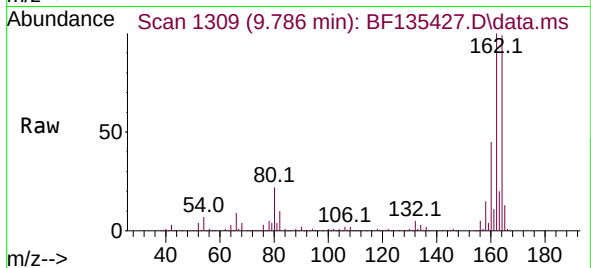
Tgt Ion:165 Resp: 38476
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.1 49.8 74.8#



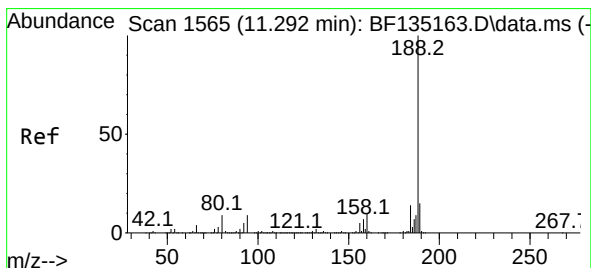
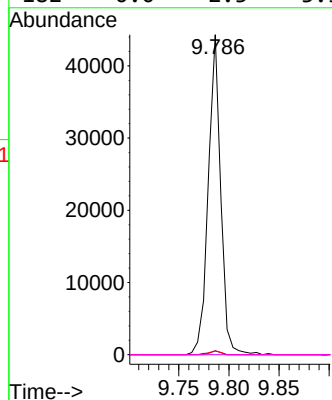
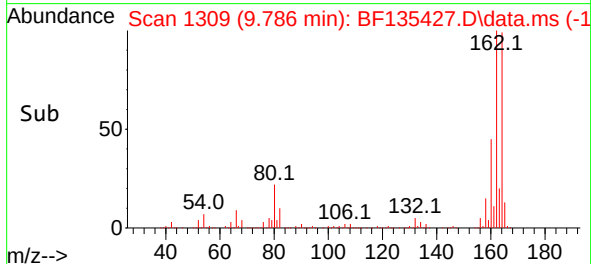


#57
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

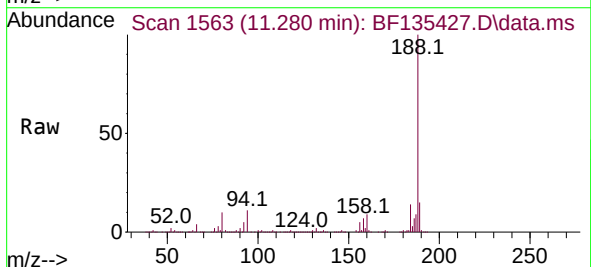
Instrument :
BNA_F
ClientSampleId :



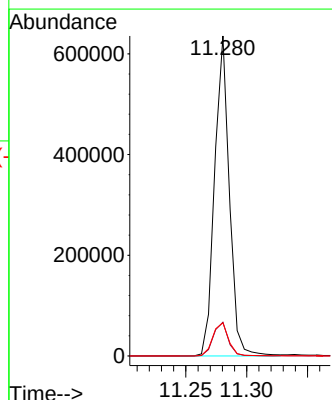
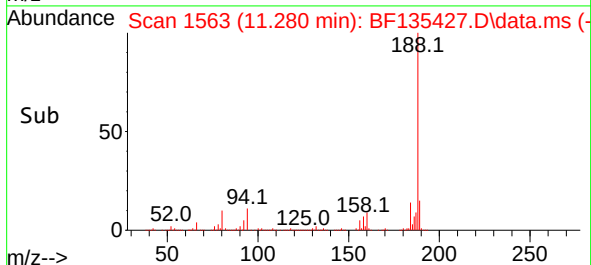
Tgt Ion:165 Resp: 38476
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#

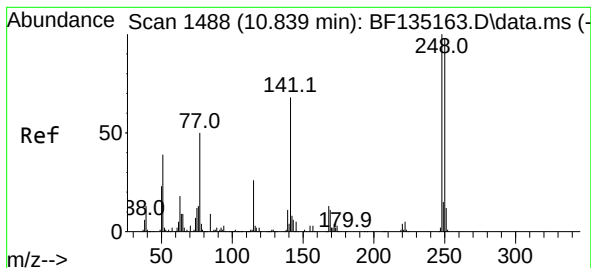


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15



Tgt Ion:188 Resp: 535048
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.4 7.5 11.3

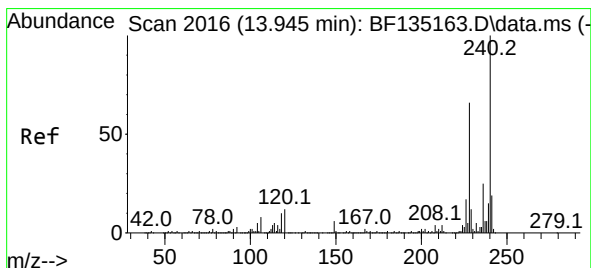
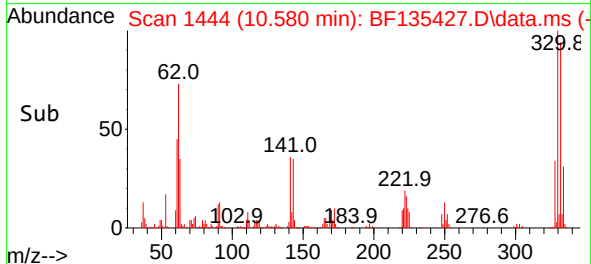
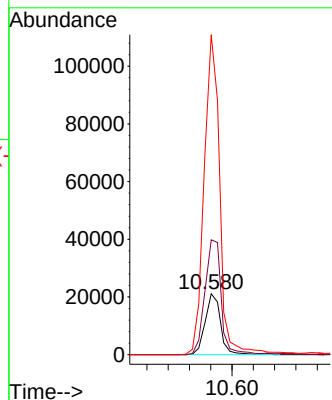
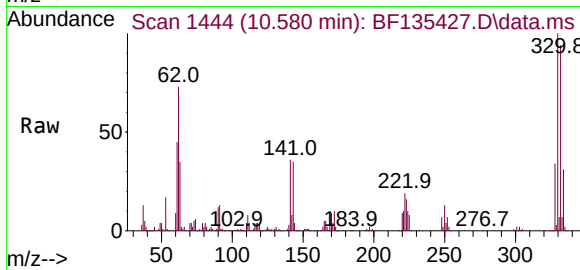




#67
4-Bromophenyl-phenylether
Concen: 4.006 ng
RT: 10.580 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

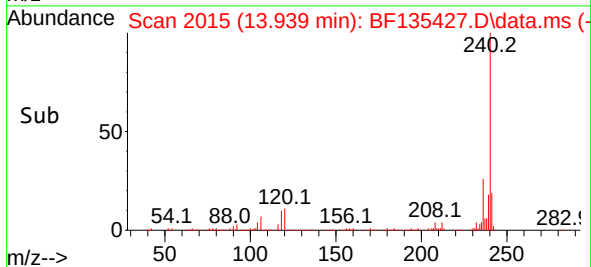
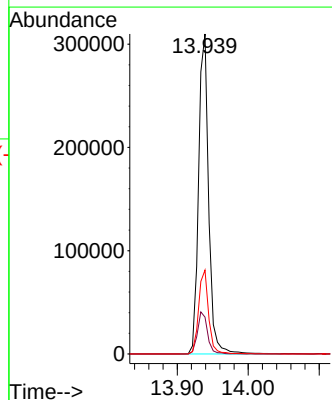
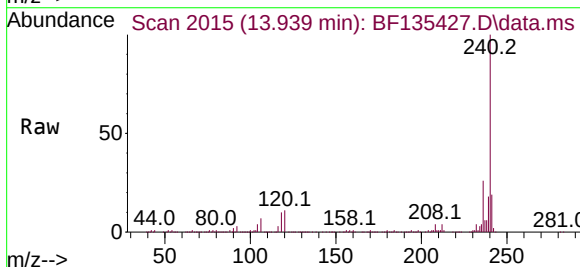
Instrument :
BNA_F
ClientSampleId :

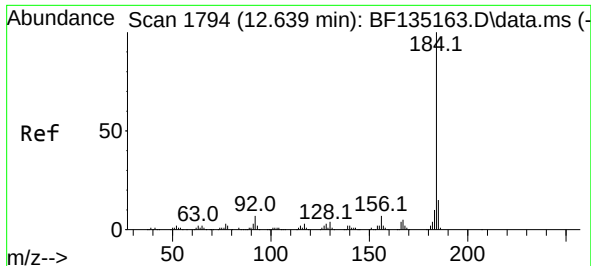
Tgt Ion:248 Resp: 21317
Ion Ratio Lower Upper
248 100
250 188.4 78.6 117.8#
141 525.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

Tgt Ion:240 Resp: 305415
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 26.2 19.8 29.8

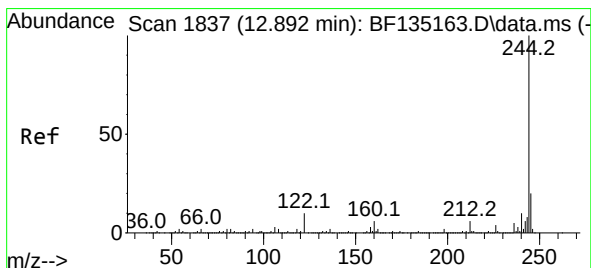
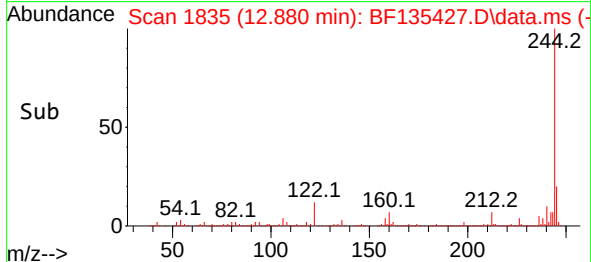
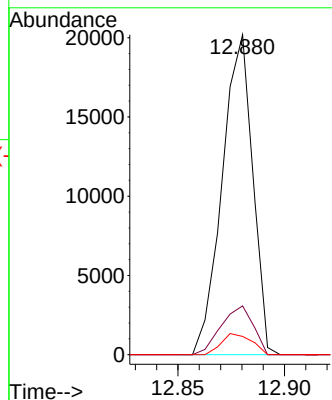
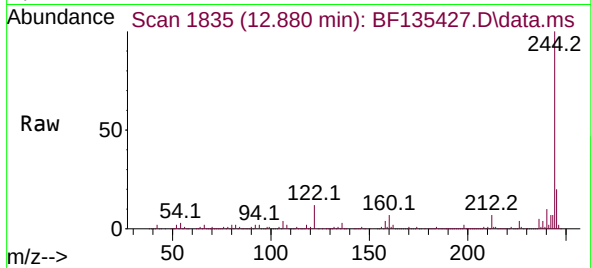




#77
Benzidine
Concen: 3.214 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

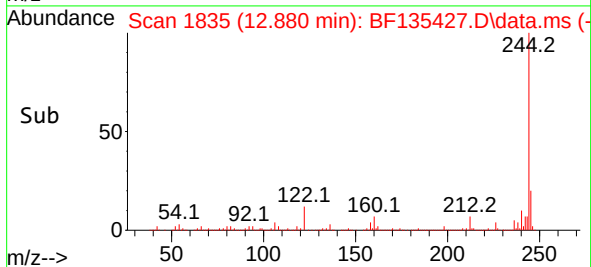
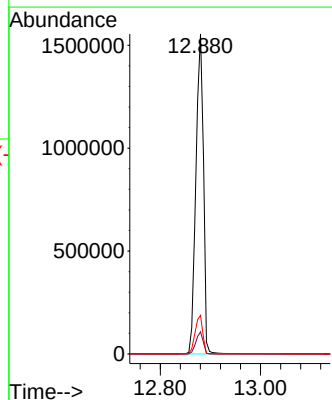
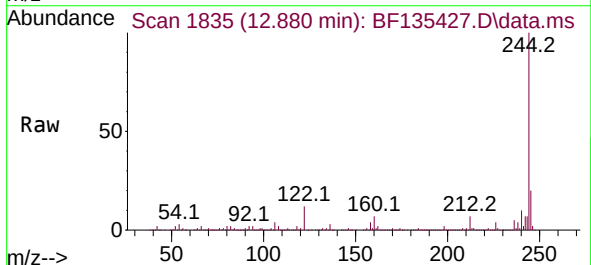
Instrument :
BNA_F
ClientSampleId :

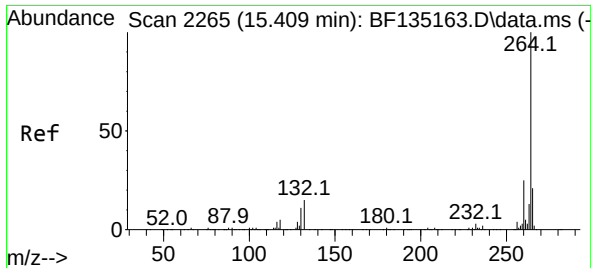
Tgt Ion:184 Resp: 20110
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 5.7 8.2 12.4#



#79
Terphenyl-d14
Concen: 81.998 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF135427.D
Acq: 25 Sep 2023 15:15

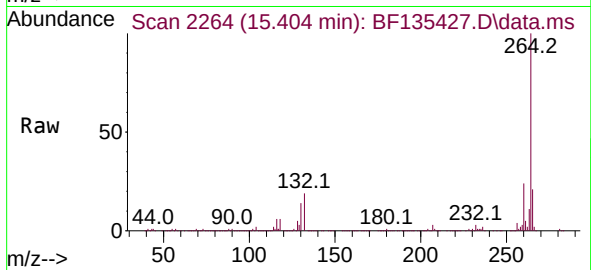
Tgt Ion:244 Resp: 1615504
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 12.1 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135427.D
 Acq: 25 Sep 2023 15:15

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 287774
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.3 17.0 25.4

