

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135431.D
 Acq On : 25 Sep 2023 17:21
 Operator : CG\JU
 Sample : 04574-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:43:00 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

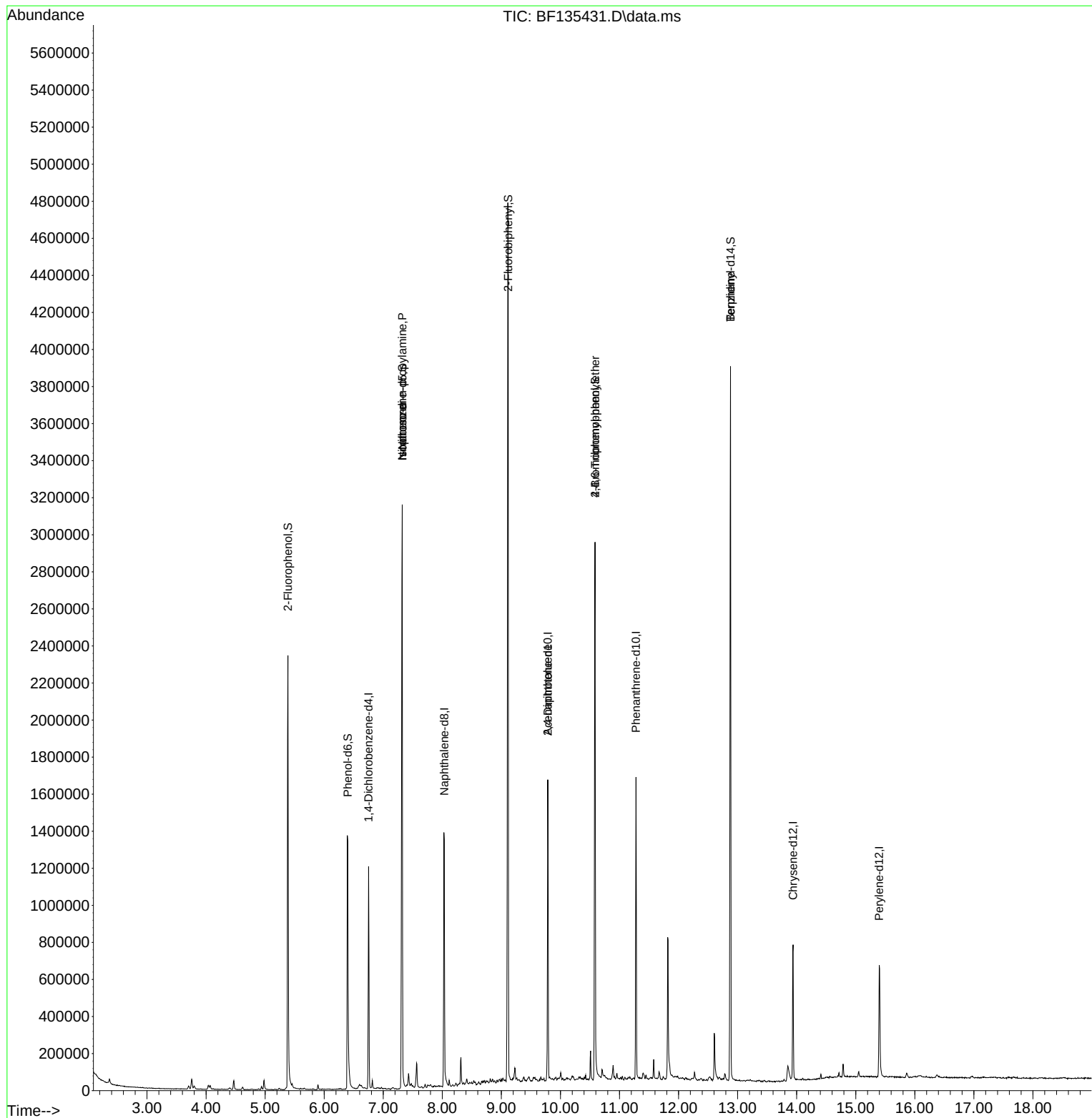
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	166433	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	652911	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	318377	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	567879	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	255197	20.000	ng	0.00
86) Perylene-d12	15.398	264	300842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	668954	65.373	ng	0.00
7) Phenol-d6	6.398	99	544734	41.865	ng	0.00
23) Nitrobenzene-d5	7.322	82	1099434	91.485	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	369463	116.775	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1751011	82.977	ng	0.00
79) Terphenyl-d14	12.880	244	1423976	86.499	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	147185	18.262	ng	# 77
25) Isophorone	7.322	82	1089849	49.387	ng	# 65
57) 2,4-Dinitrotoluene	9.786	165	41289	6.994	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	23756	4.206	ng	# 1
77) Benzidine	12.880	184	18525	3.543	ng	# 93

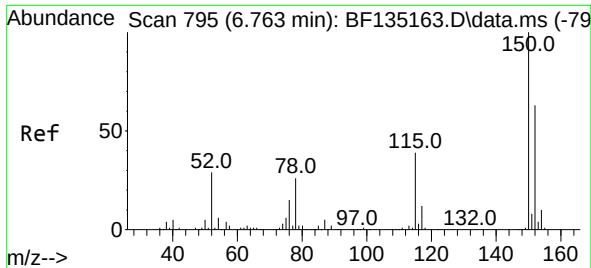
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF135431.D
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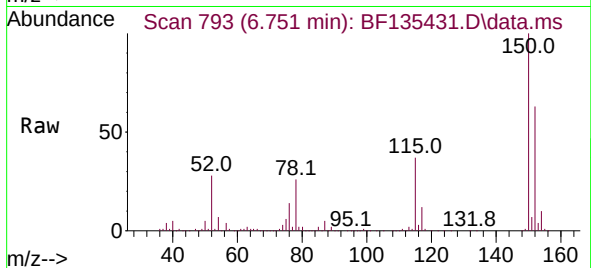
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



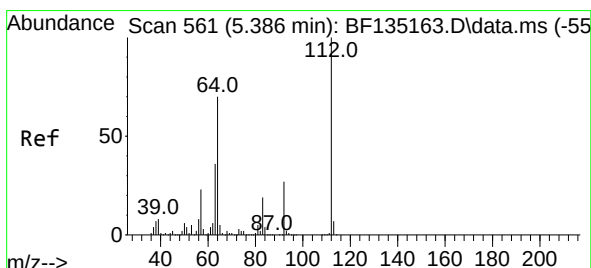
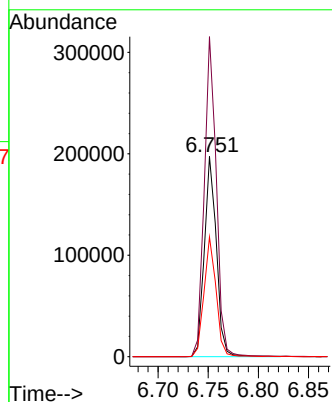
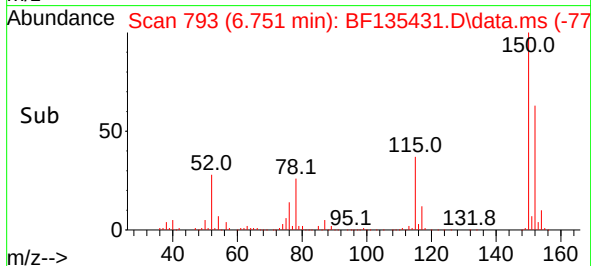


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :

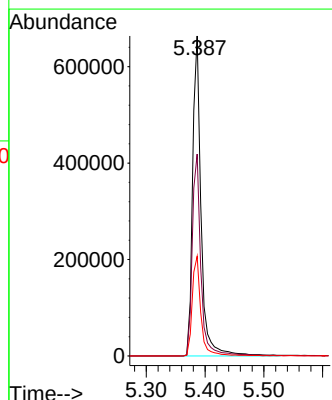
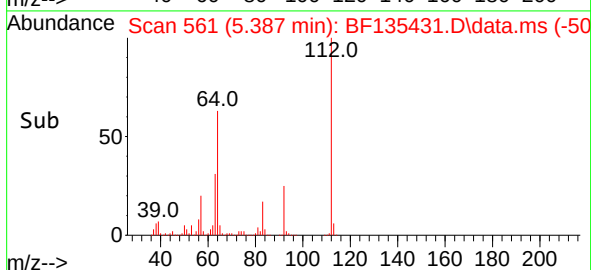
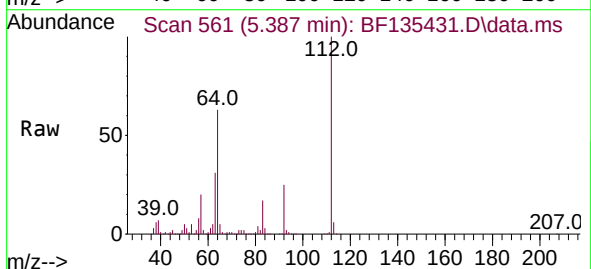


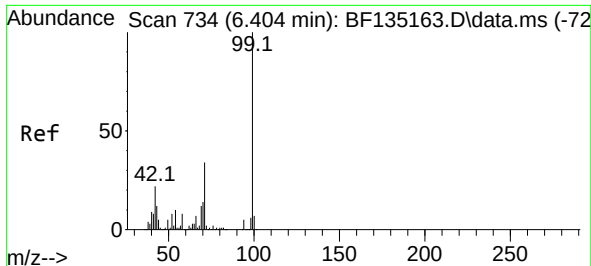
Tgt Ion:152 Resp: 166433
Ion Ratio Lower Upper
152 100
150 159.9 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 65.373 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

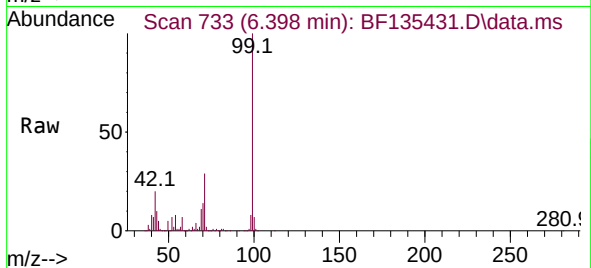
Tgt Ion:112 Resp: 668954
Ion Ratio Lower Upper
112 100
64 63.1 55.9 83.9
63 31.1 29.0 43.6



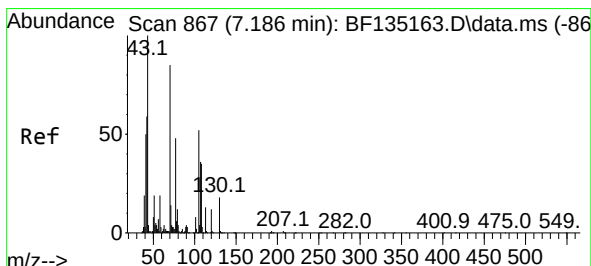
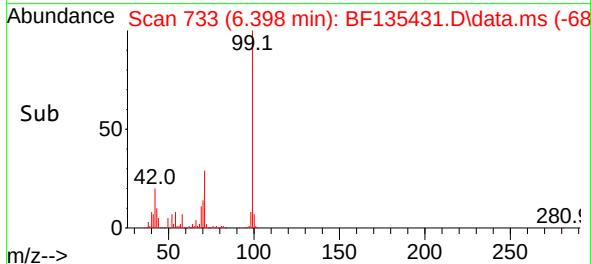
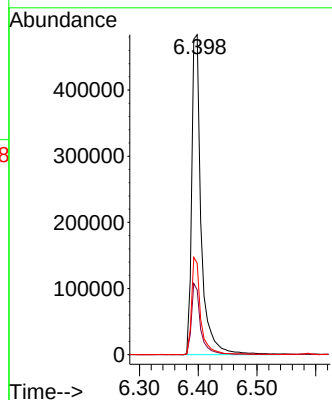


#7
Phenol-d6
Concen: 41.865 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :

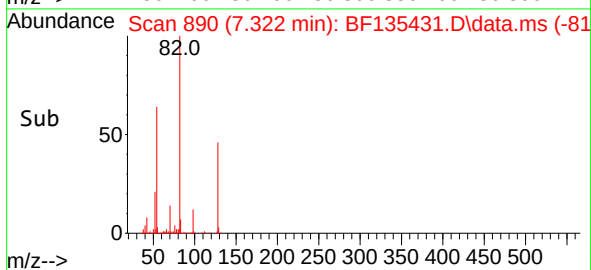
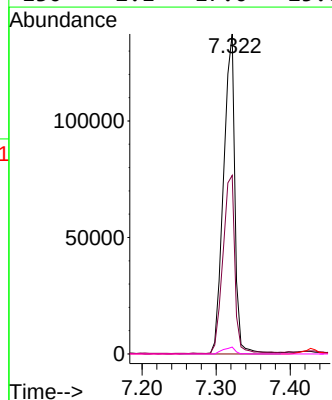
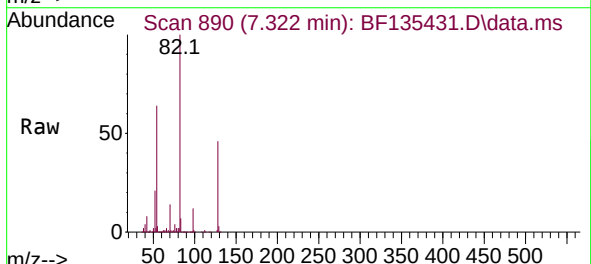


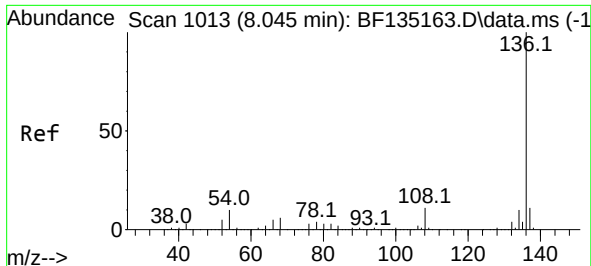
Tgt Ion: 99 Resp: 544734
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 28.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.262 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Tgt Ion: 70 Resp: 147185
Ion Ratio Lower Upper
70 100
42 55.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



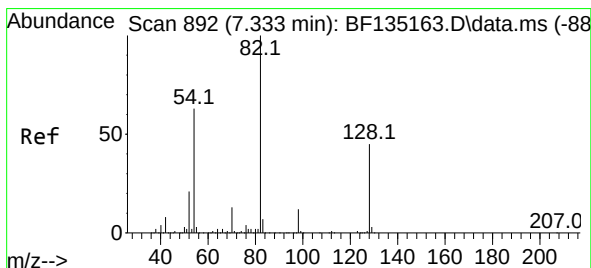
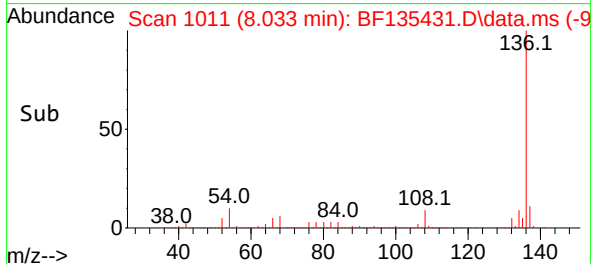
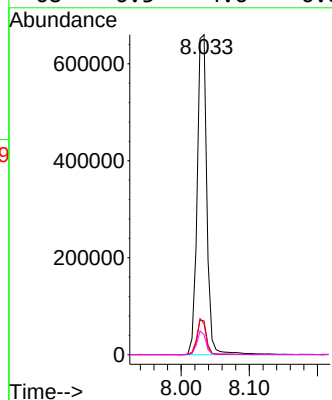
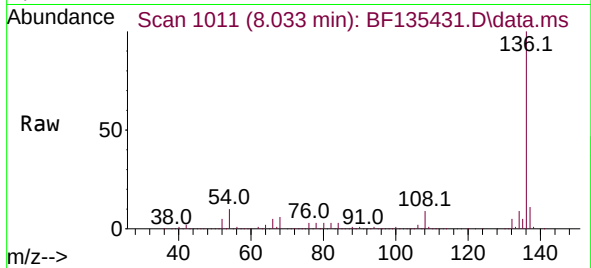


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 652911

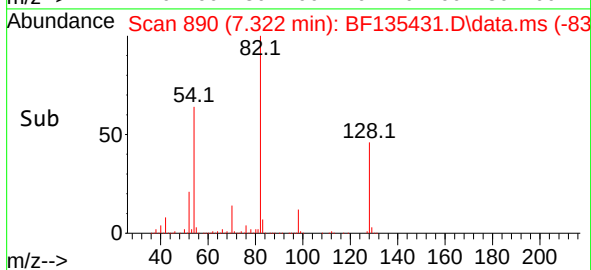
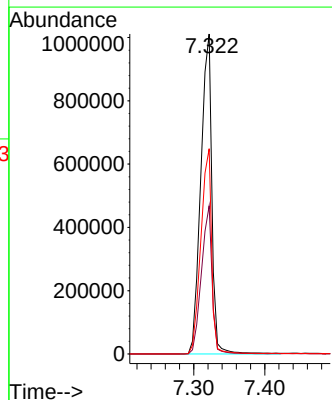
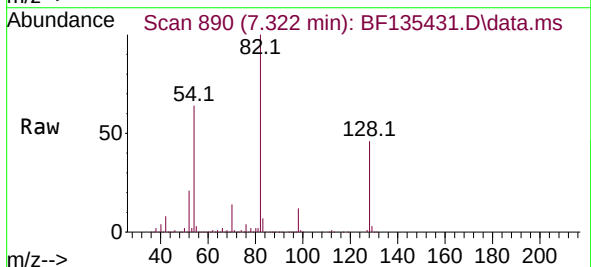
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	9.7	7.7	11.5
68	6.3	4.6	6.8

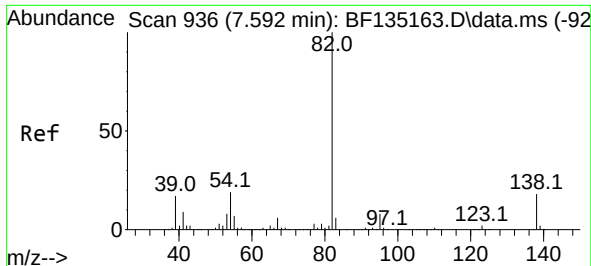


#23
Nitrobenzene-d5
Concen: 91.485 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Tgt Ion: 82 Resp: 1099434

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.8	53.6
54	64.1	50.6	76.0

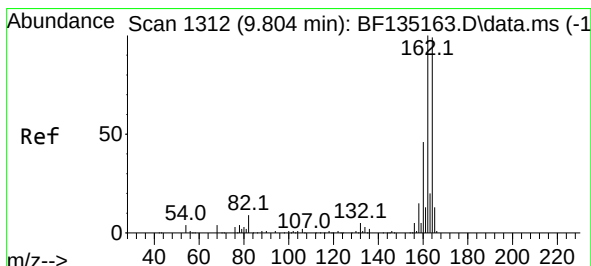
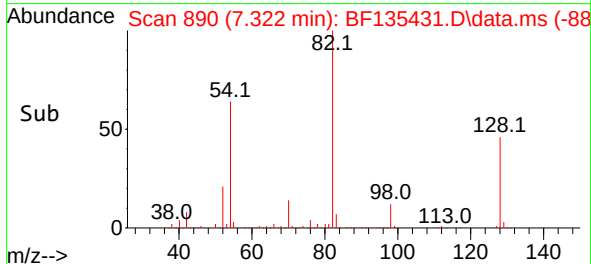
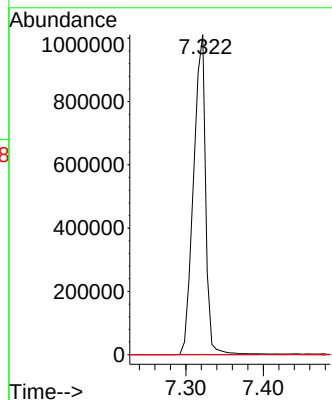
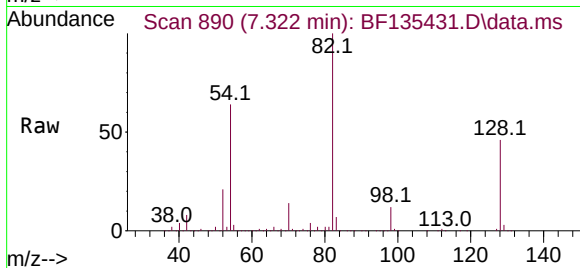




#25
Isophorone
Concen: 49.387 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

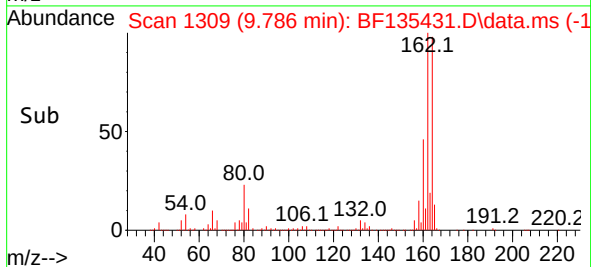
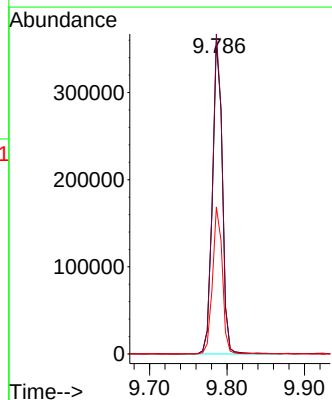
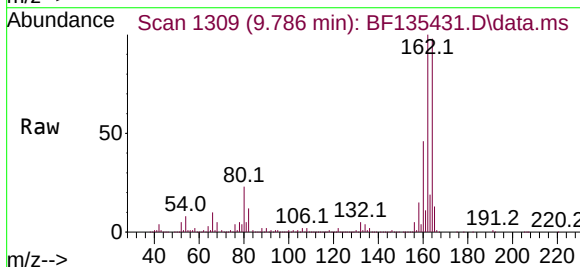
Instrument :
BNA_F
ClientSampleId :

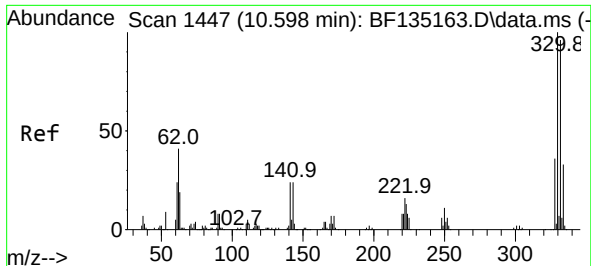
Tgt Ion: 82 Resp: 1089849
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

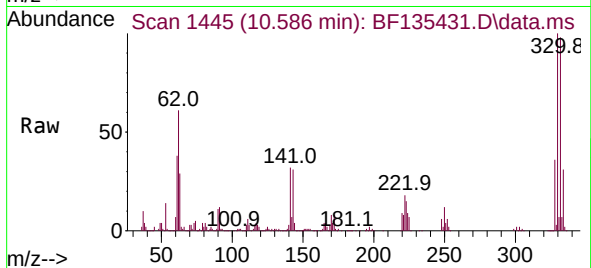
Tgt Ion:164 Resp: 318377
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 47.0 37.0 55.4



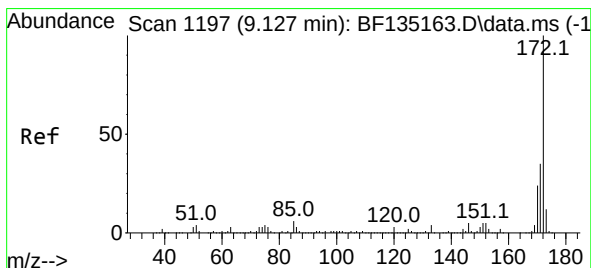
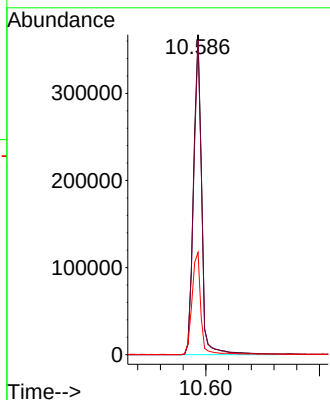
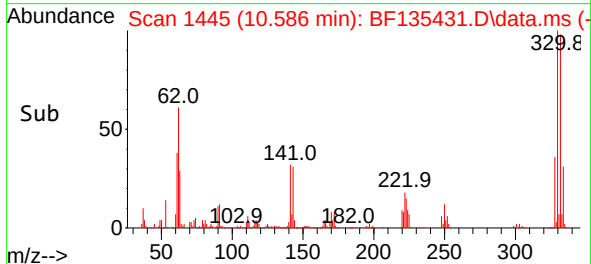


#42
 2,4,6-Tribromophenol
 Concen: 116.775 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF135431.D
 Acq: 25 Sep 2023 17:21

Instrument :
 BNA_F
 ClientSampleId :

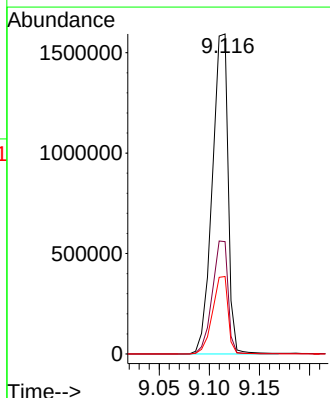
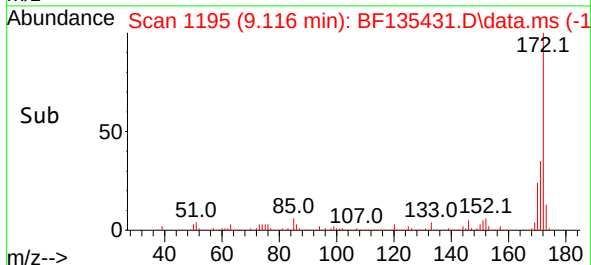
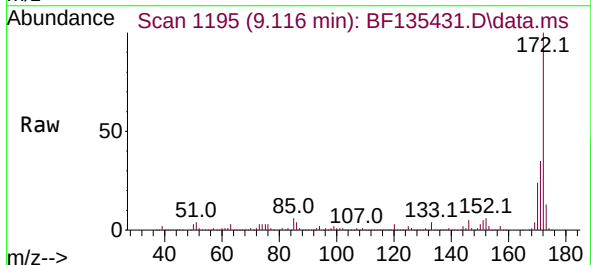


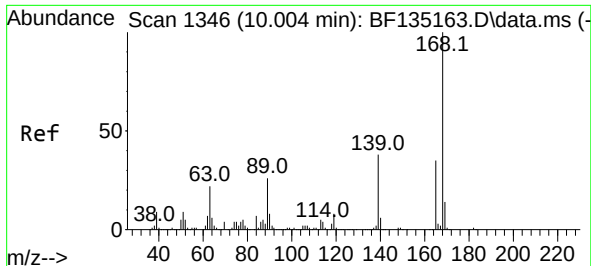
Tgt Ion:330 Resp: 369463
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 34.3 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 82.977 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.000 min
 Lab File: BF135431.D
 Acq: 25 Sep 2023 17:21

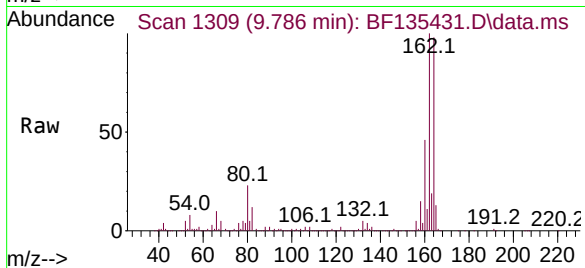
Tgt Ion:172 Resp: 1751011
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.4 42.6
 170 24.2 19.0 28.4



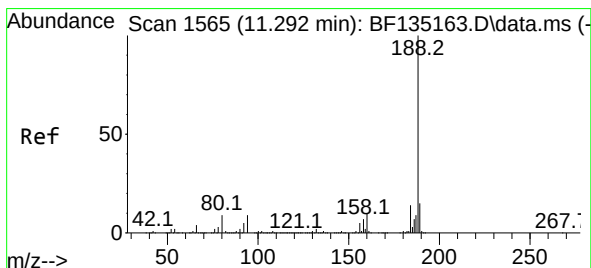
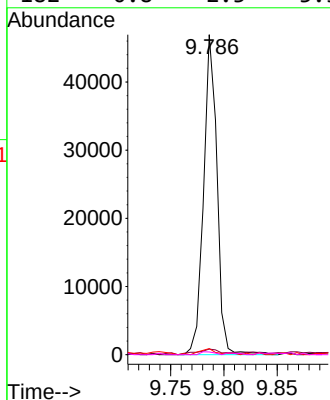
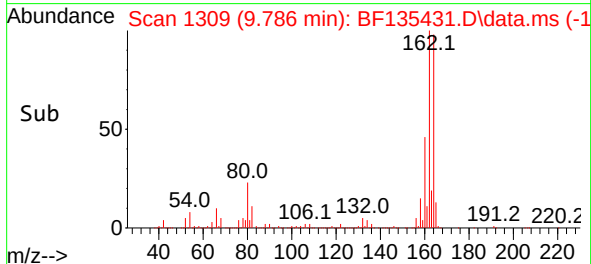


#57
2,4-Dinitrotoluene
Concen: 6.994 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

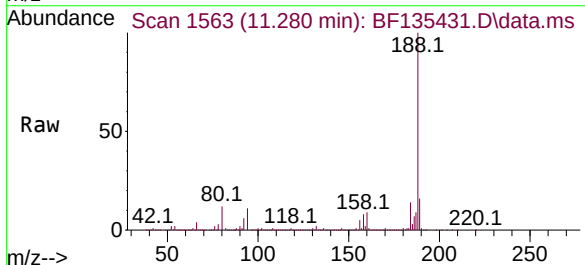
Instrument :
BNA_F
ClientSampleId :



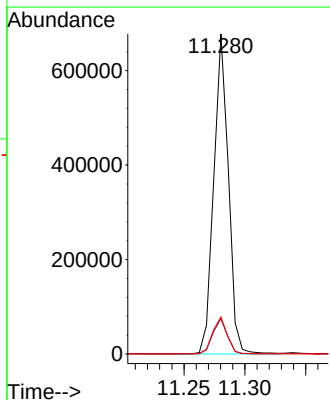
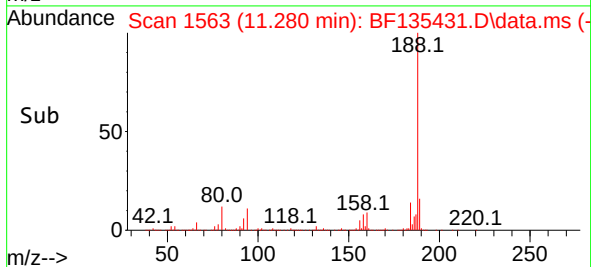
Tgt Ion:165 Resp: 41289
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.9 59.3 88.9#
182 0.8 2.3 3.5#

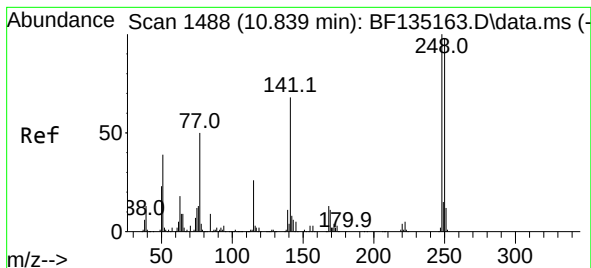


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21



Tgt Ion:188 Resp: 567879
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.6 7.5 11.3#

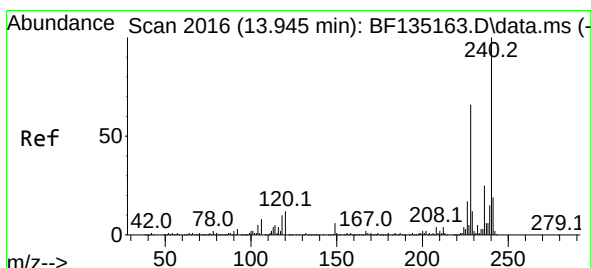
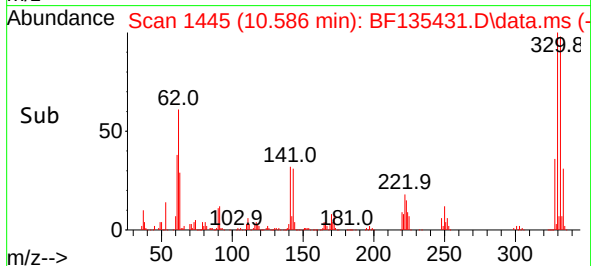
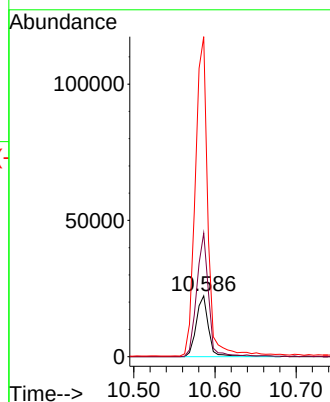
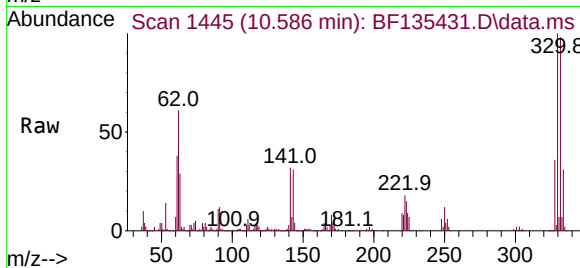




#67
4-Bromophenyl-phenylether
Concen: 4.206 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

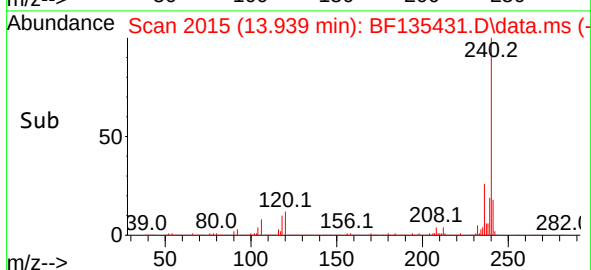
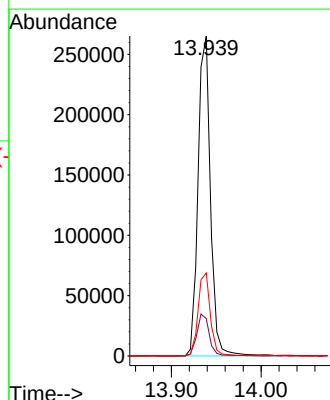
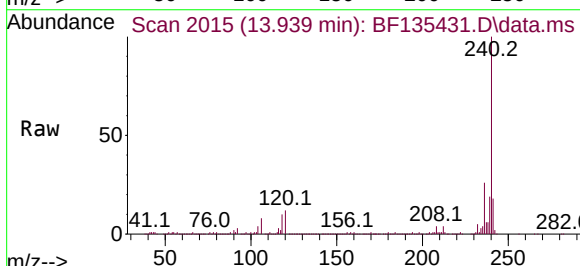
Instrument :
BNA_F
ClientSampleId :

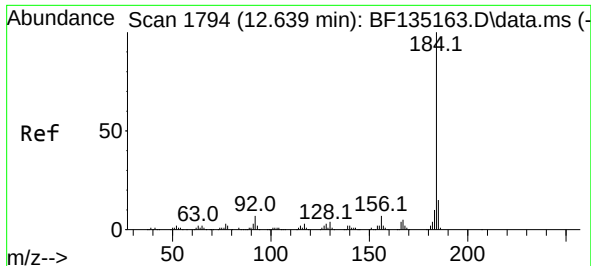
Tgt Ion:248 Resp: 23756
Ion Ratio Lower Upper
248 100
250 203.0 78.6 117.8#
141 526.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

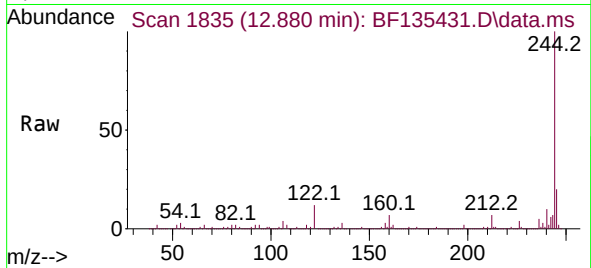
Tgt Ion:240 Resp: 255197
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 26.0 19.8 29.8



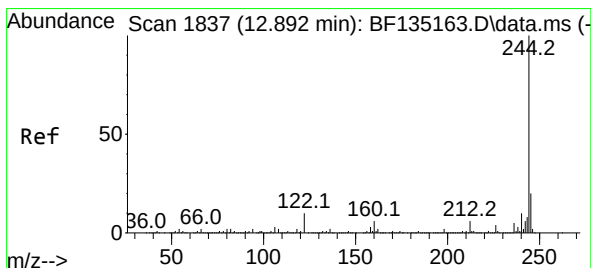
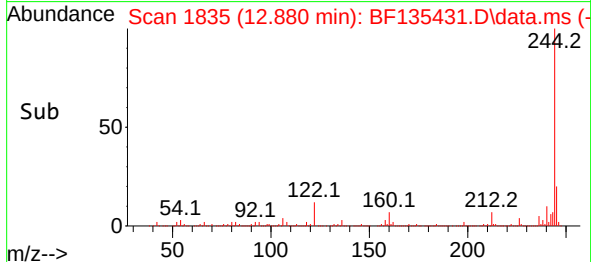
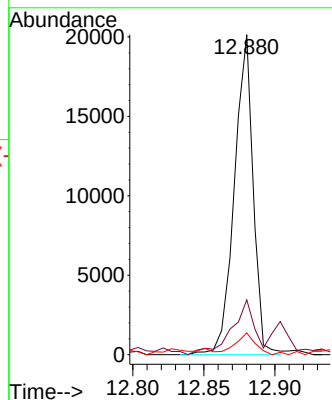


#77
Benzidine
Concen: 3.543 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :

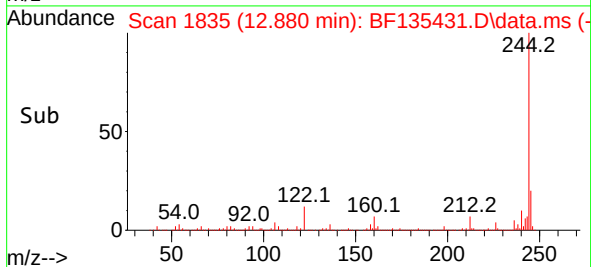
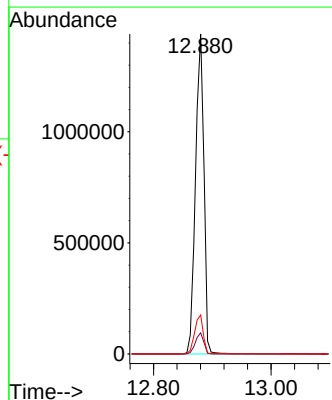
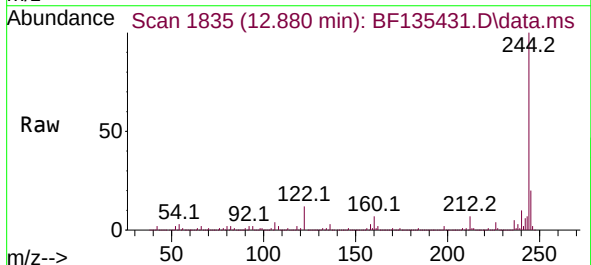


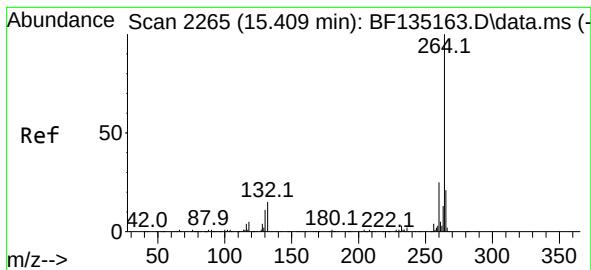
Tgt Ion:184 Resp: 18525
Ion Ratio Lower Upper
184 100
185 17.1 11.7 17.5
183 6.8 8.2 12.4#



#79
Terphenyl-d14
Concen: 86.499 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

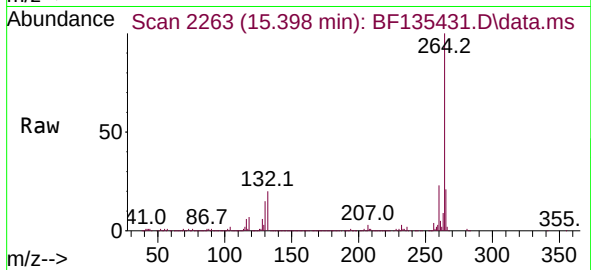
Tgt Ion:244 Resp: 1423976
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.2 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 300842

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.2	17.0	25.4

