

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135424.D
 Acq On : 25 Sep 2023 13:42
 Operator : CG\JU
 Sample : PB155763BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

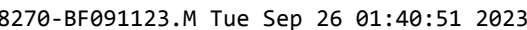
Quant Time: Sep 26 01:40:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

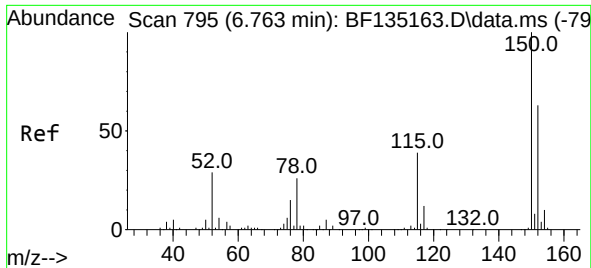
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	174347	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	657236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	314926	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	581844	20.000	ng	0.00
76) Chrysene-d12	13.939	240	337729	20.000	ng	0.00
86) Perylene-d12	15.404	264	306077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1282764	119.666	ng	0.01
7) Phenol-d6	6.398	99	1631386	119.687	ng	0.00
23) Nitrobenzene-d5	7.316	82	1022999	84.565	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	324800	103.783	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1655994	79.334	ng	0.00
79) Terphenyl-d14	12.880	244	1569968	72.062	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	133307	15.790	ng	# 82
25) Isophorone	7.316	82	1022986	46.052	ng	# 65
50) Dimethylphthalate	9.786	163	58927	2.768	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	40679	8.721	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	40679	6.966	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	21044	3.637	ng	# 1
77) Benzidine	12.880	184	20435	2.953	ng	# 95

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

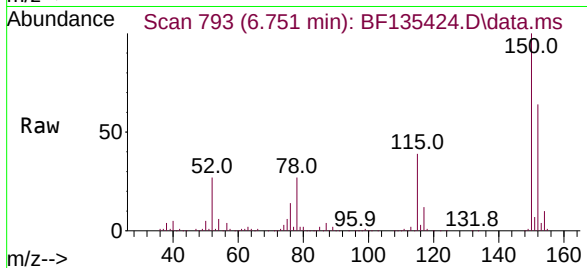
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



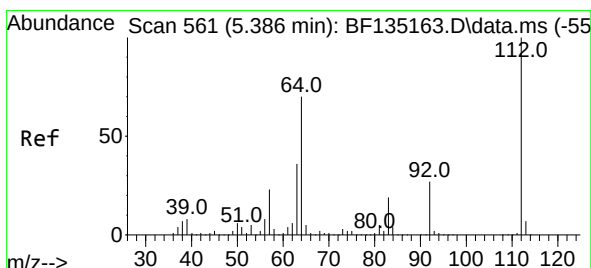
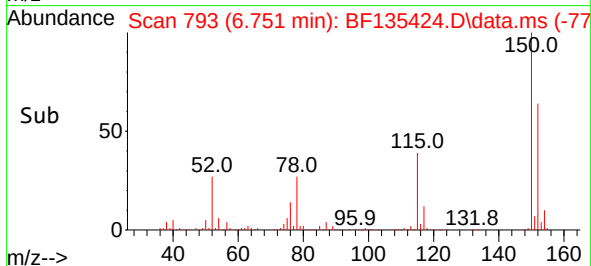
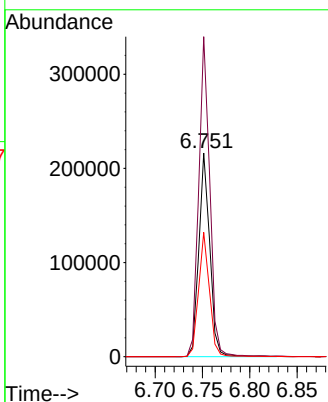


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

Instrument :
BNA_F
ClientSampleId :

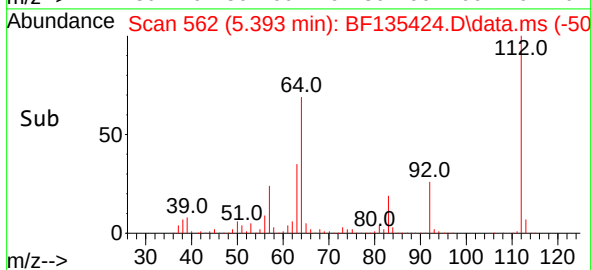
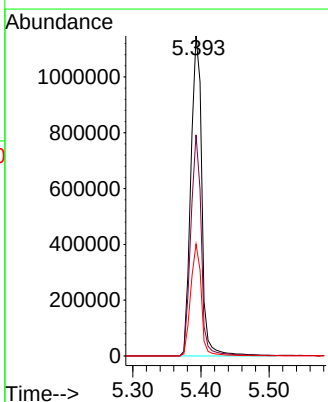
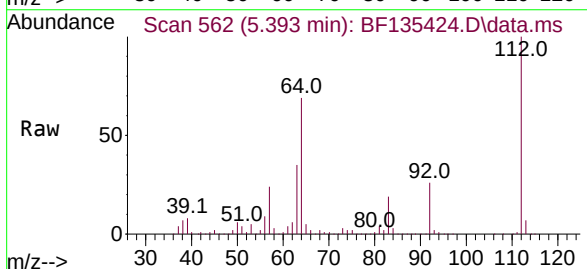


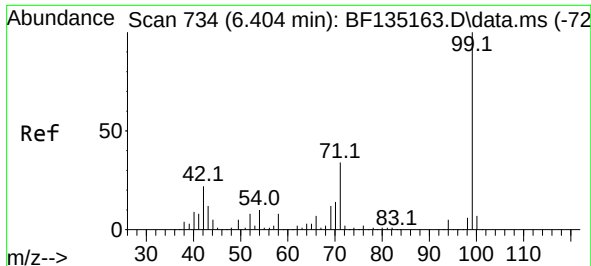
Tgt Ion:152 Resp: 174347
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 61.0 49.8 74.8



#5
2-Fluorophenol
Concen: 119.666 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

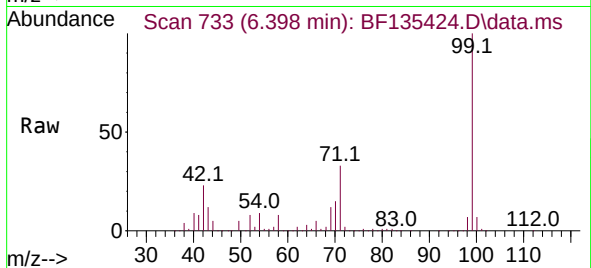
Tgt Ion:112 Resp: 1282764
Ion Ratio Lower Upper
112 100
64 69.1 55.9 83.9
63 34.9 29.0 43.6



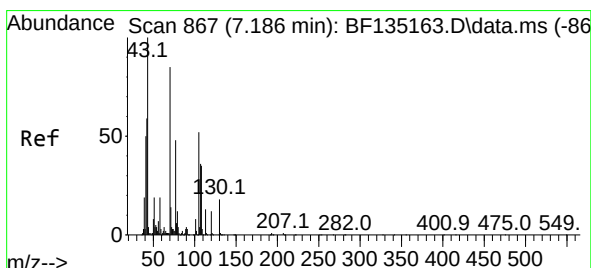
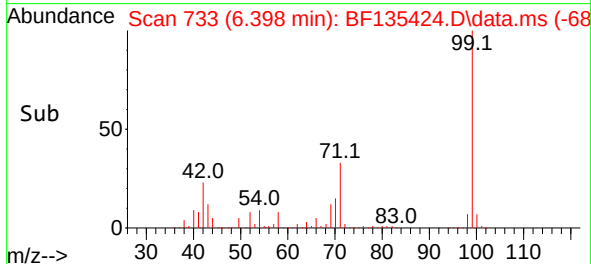
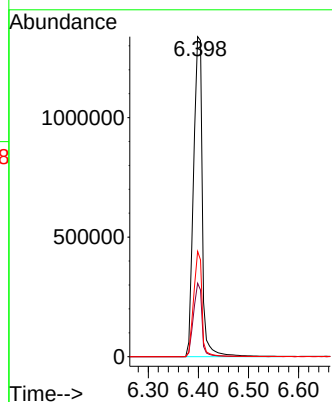


#7
Phenol-d6
Concen: 119.687 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

Instrument :
BNA_F
ClientSampleId :

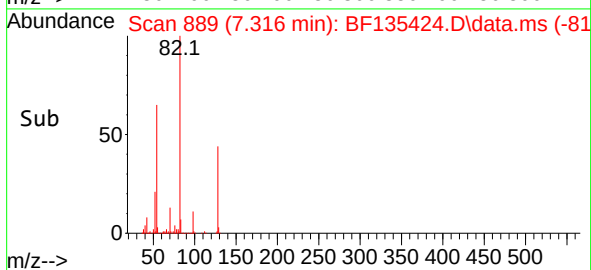
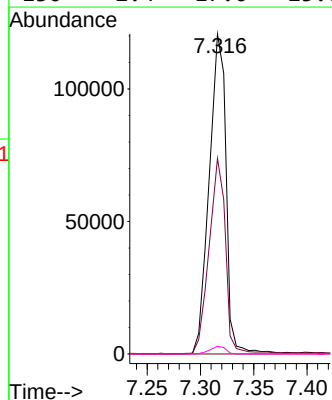
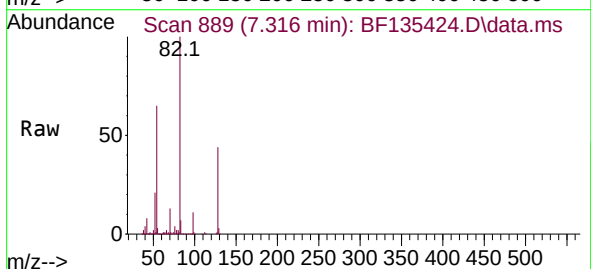


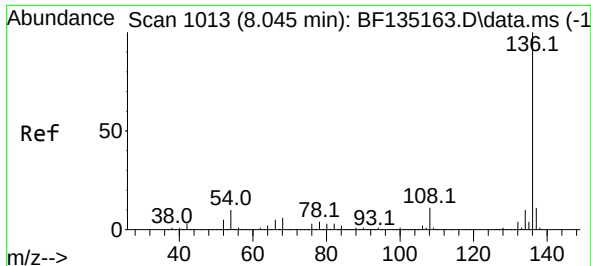
Tgt Ion: 99 Resp: 1631386
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.790 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

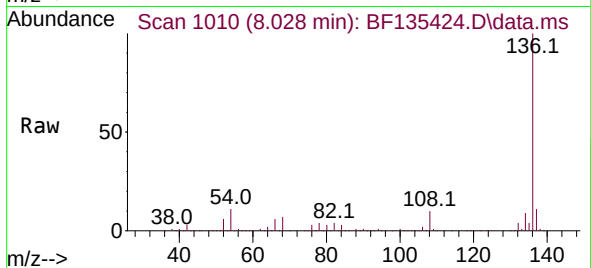
Tgt Ion: 70 Resp: 133307
Ion Ratio Lower Upper
70 100
42 61.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#



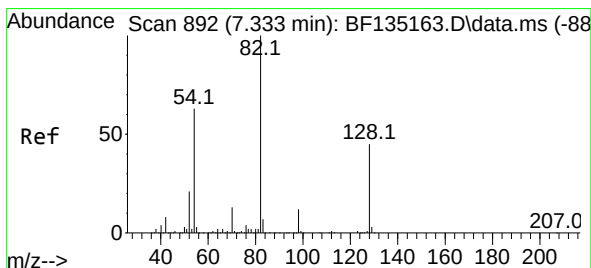
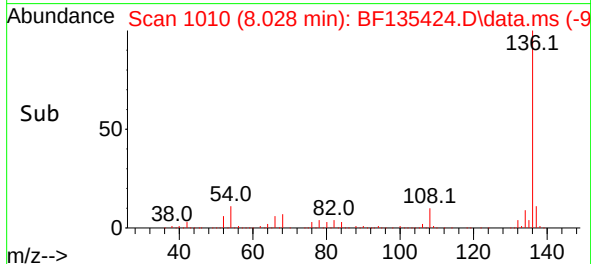
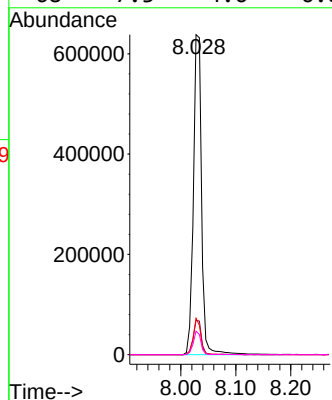


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

Instrument :
BNA_F
ClientSampleId :

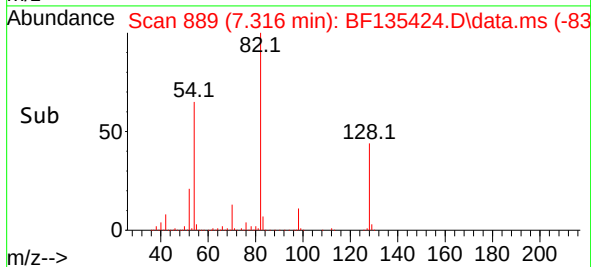
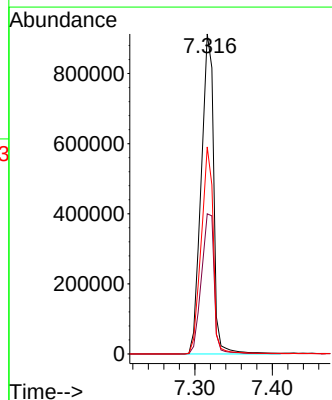
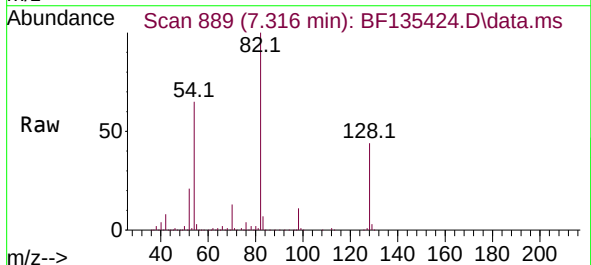


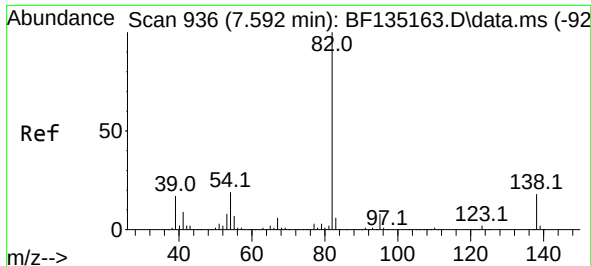
Tgt Ion:136 Resp: 657236
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.4 7.7 11.5
68 7.3 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 84.565 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

Tgt Ion: 82 Resp: 1022999
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 64.7 50.6 76.0

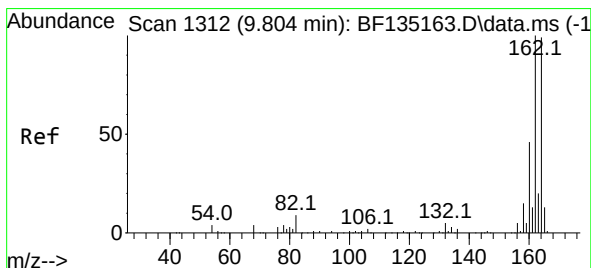
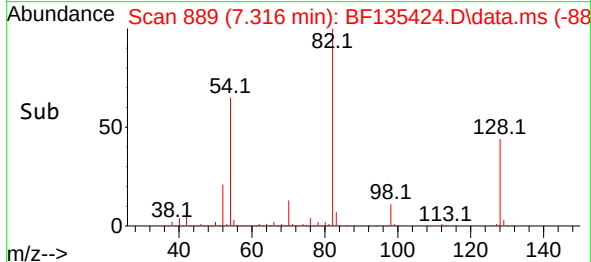
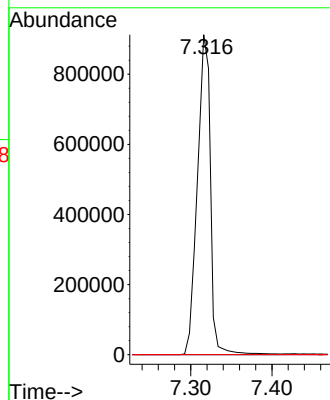
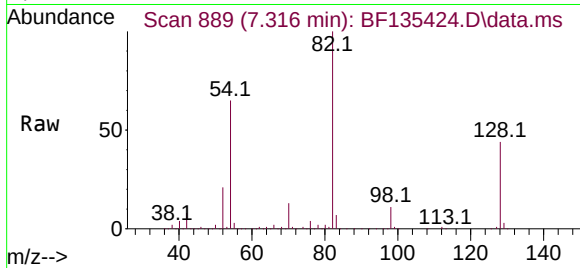




#25
Isophorone
Concen: 46.052 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

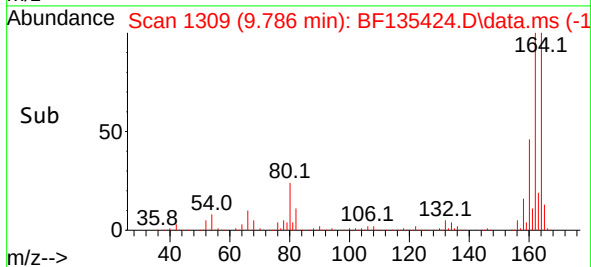
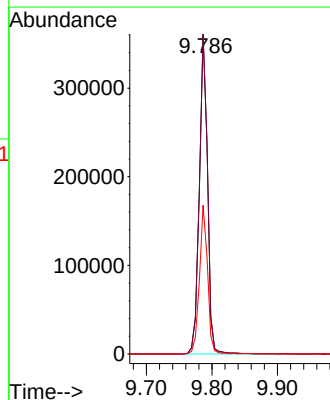
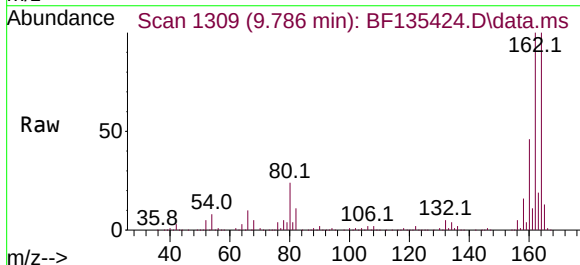
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BNA_F
ClientSampleId :

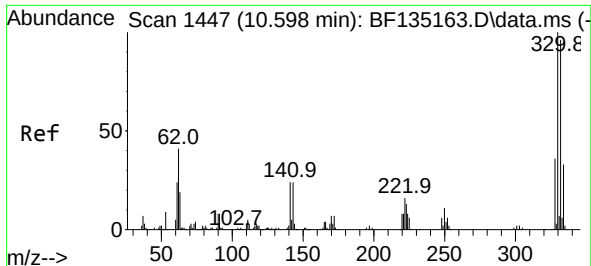
Tgt Ion: 82 Resp: 1022986
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

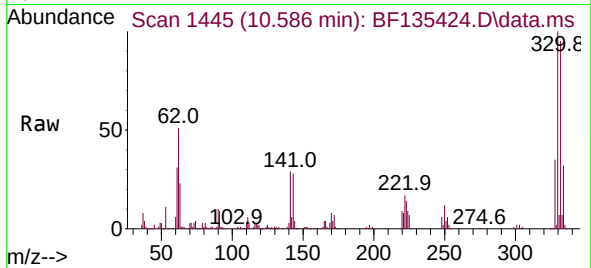
Tgt Ion:164 Resp: 314926
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 46.5 37.0 55.4



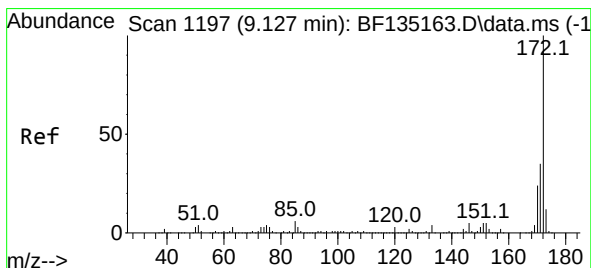
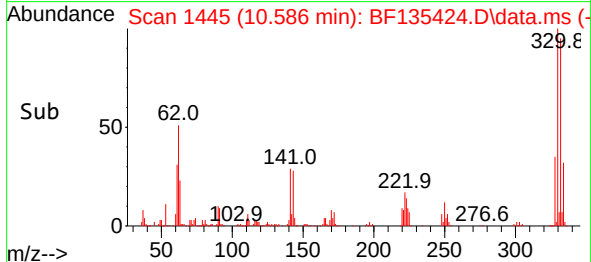
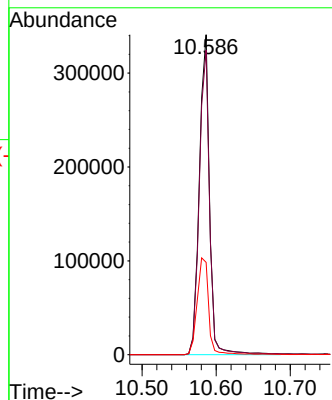


#42
2,4,6-Tribromophenol
Concen: 103.783 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

Instrument :
BNA_F
ClientSampleId :

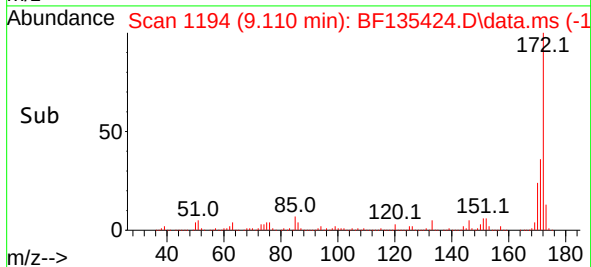
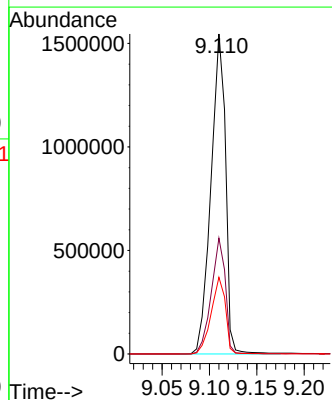
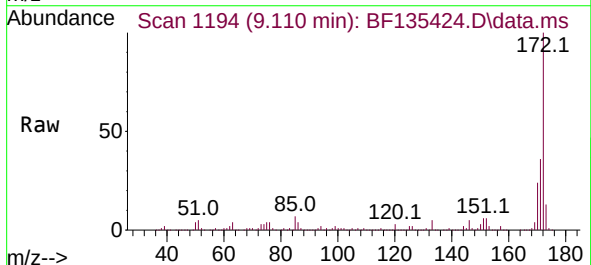


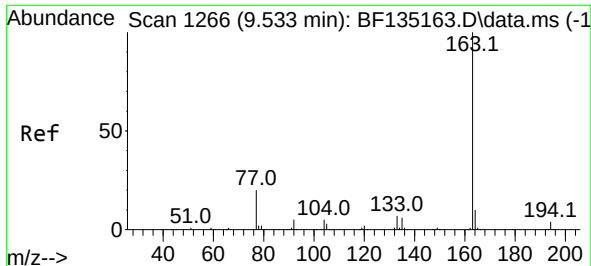
Tgt Ion:330 Resp: 324800
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 34.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.334 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

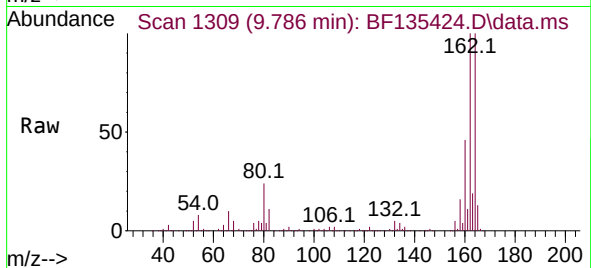
Tgt Ion:172 Resp: 1655994
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.0 19.0 28.4



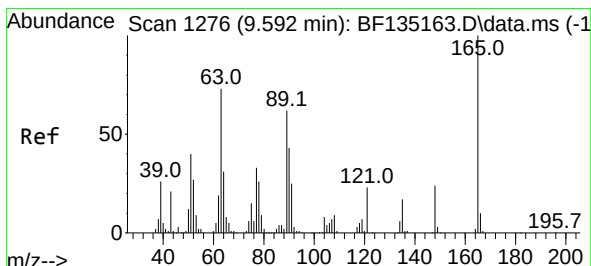
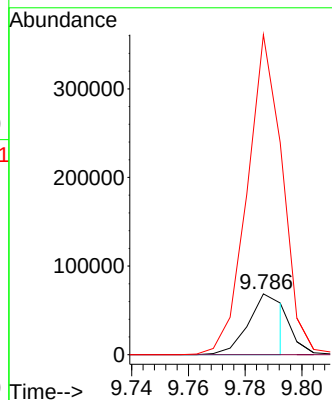
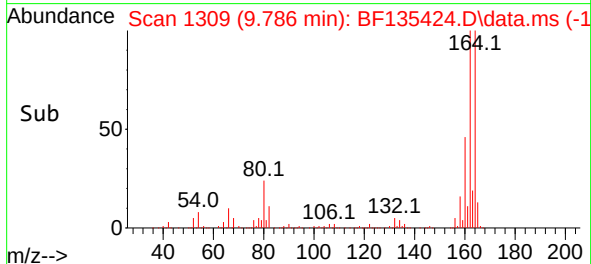


#50
Dimethylphthalate
Concen: 2.768 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

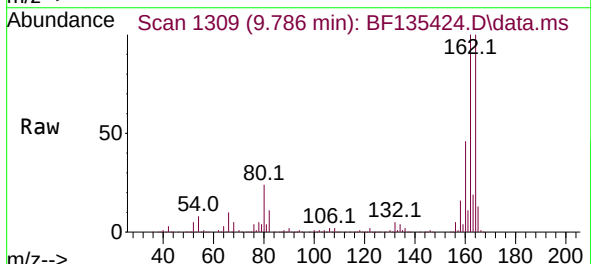
Instrument :
BNA_F
ClientSampleId :



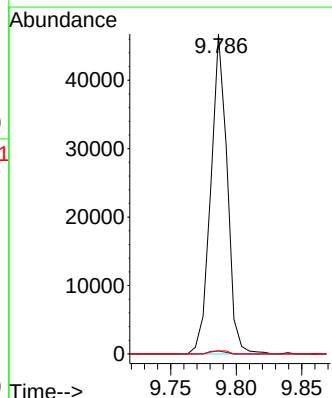
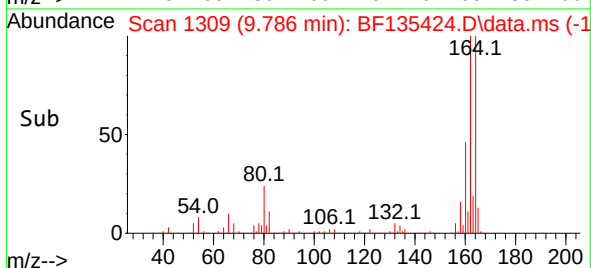
Tgt Ion:163 Resp: 58927
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 526.4 8.1 12.1#

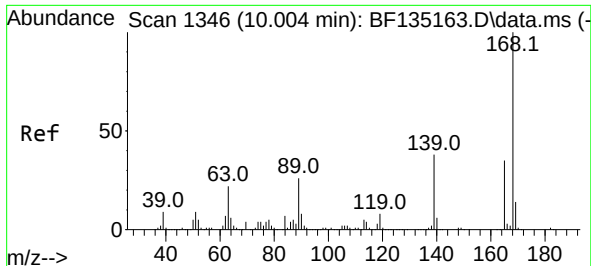


#51
2,6-Dinitrotoluene
Concen: 8.721 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42



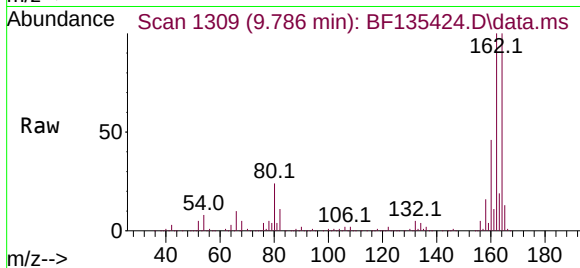
Tgt Ion:165 Resp: 40679
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.0 49.8 74.8#



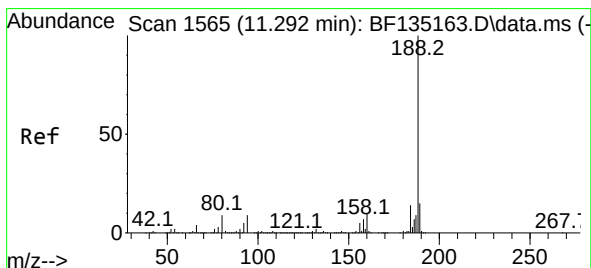
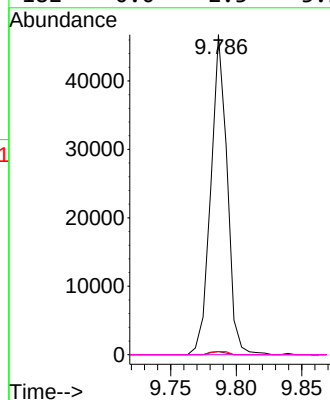
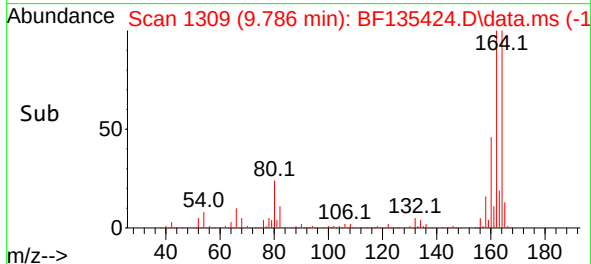


#57
2,4-Dinitrotoluene
Concen: 6.966 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

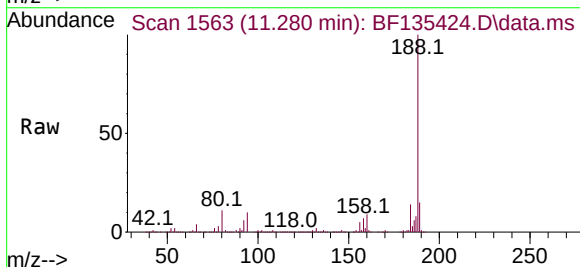
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BNA_F
ClientSampleId :



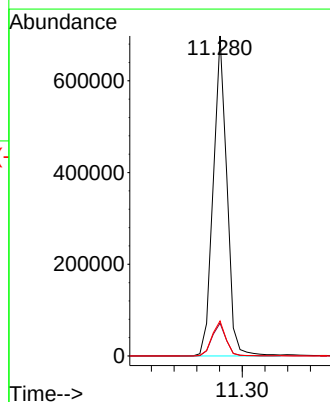
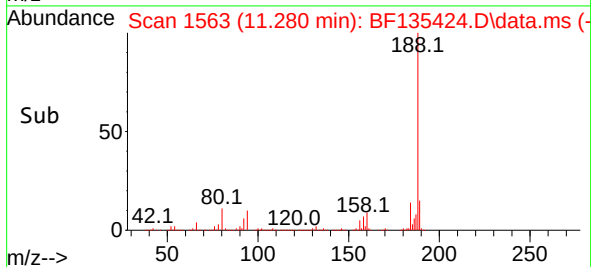
Tgt Ion:165 Resp: 40679
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#

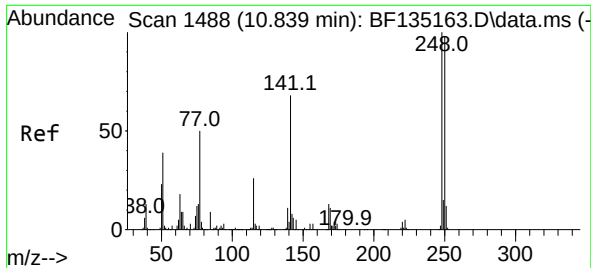


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42



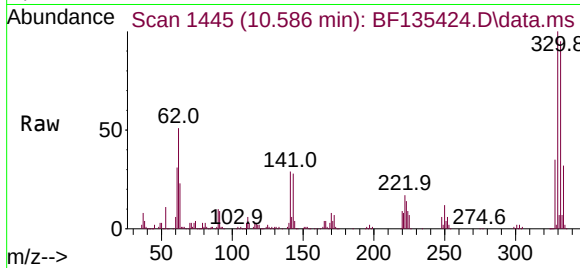
Tgt Ion:188 Resp: 581844
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 11.0 7.5 11.3



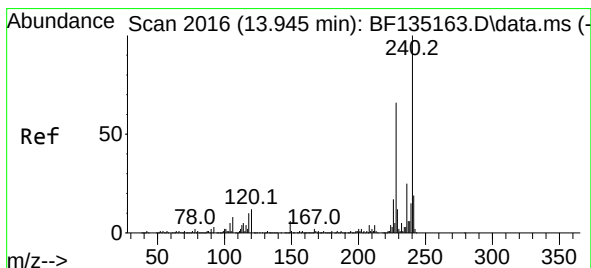
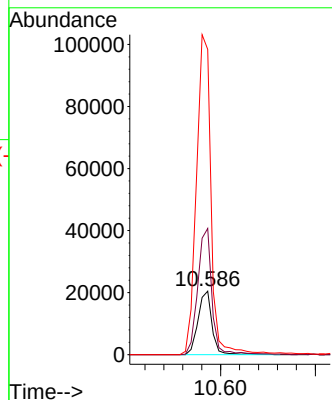
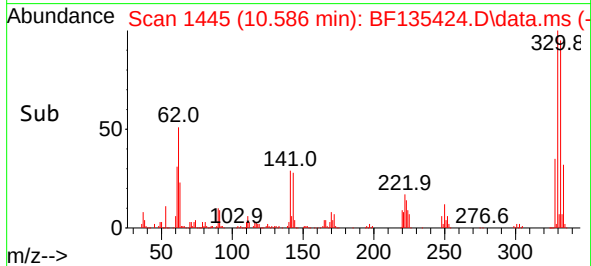


#67
4-Bromophenyl-phenylether
Concen: 3.637 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42

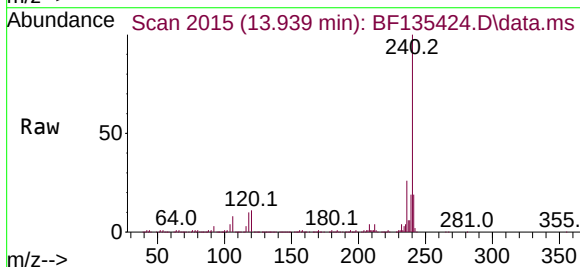
Instrument :
BNA_F
ClientSampleId :



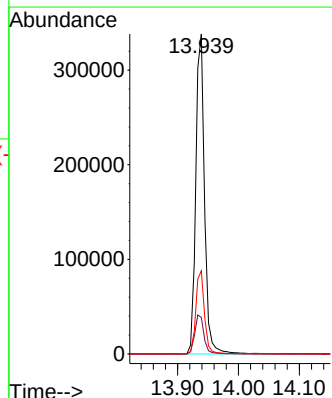
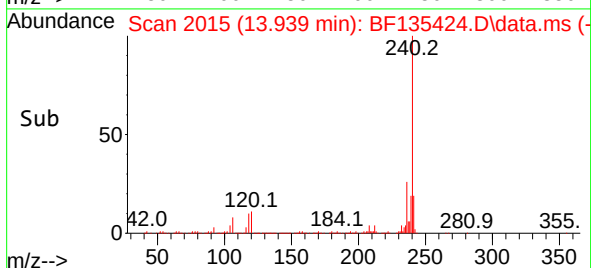
Tgt Ion:248 Resp: 21044
Ion Ratio Lower Upper
248 100
250 198.7 78.6 117.8#
141 480.2 54.2 81.2#

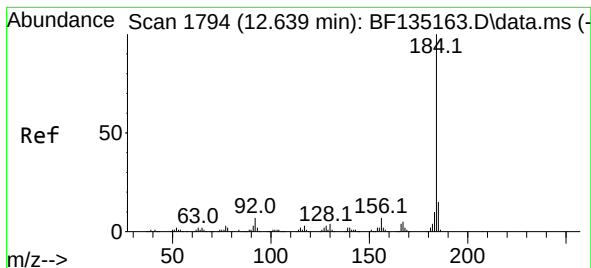


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135424.D
Acq: 25 Sep 2023 13:42



Tgt Ion:240 Resp: 337729
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.0 19.8 29.8





#77

Benzidine

Concen: 2.953 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135424.D

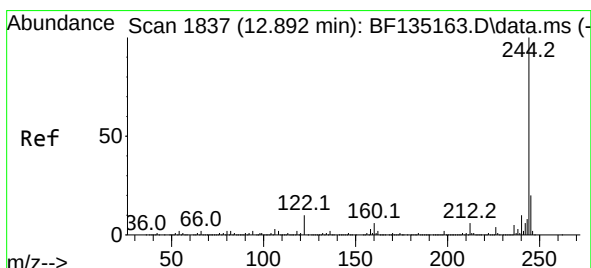
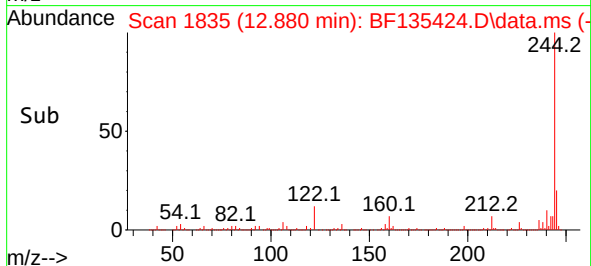
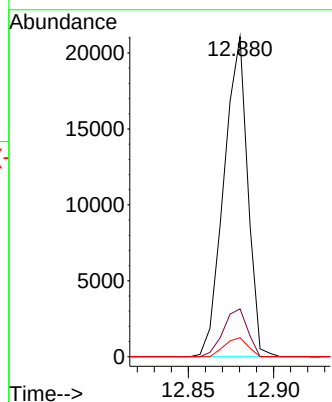
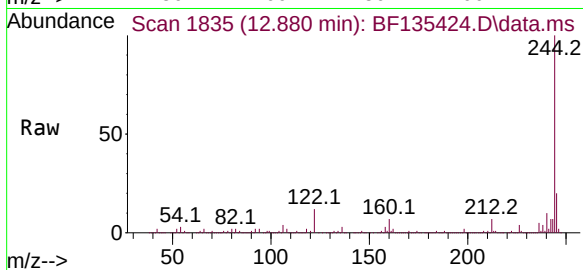
Acq: 25 Sep 2023 13:42

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:184	Resp:	20435
Ion Ratio	Lower	Upper
184	100	
185	15.0	11.7 17.5
183	5.9	8.2 12.4#



#79

Terphenyl-d14

Concen: 72.062 ng

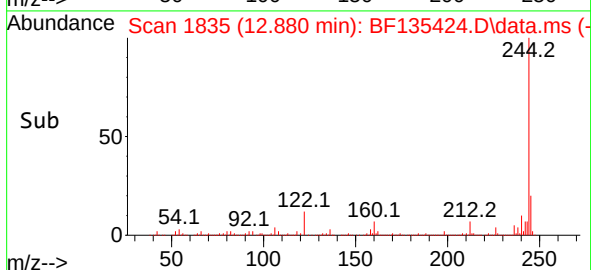
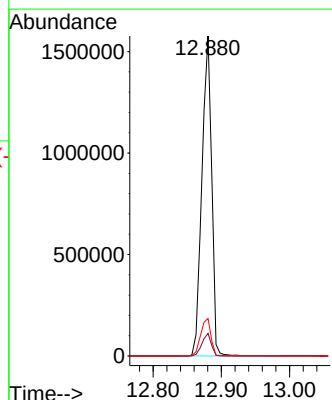
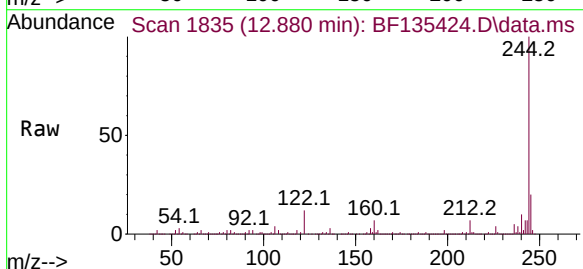
RT: 12.880 min Scan# 1835

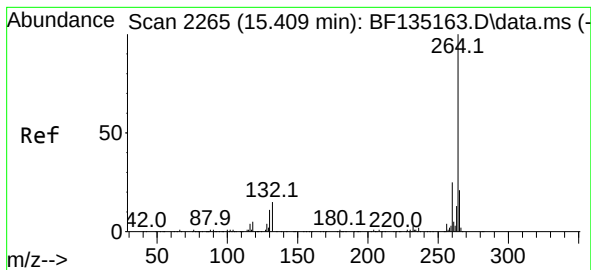
Delta R.T. -0.000 min

Lab File: BF135424.D

Acq: 25 Sep 2023 13:42

Tgt Ion:244	Resp:	1569968
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.1 7.7
122	11.7	7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.000 min

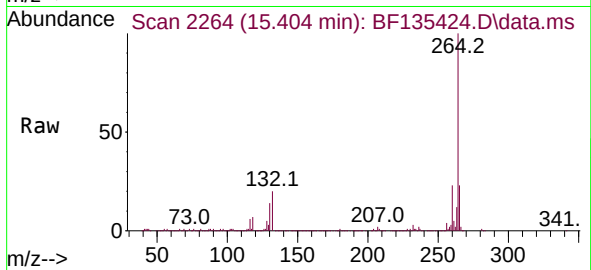
Lab File: BF135424.D

Acq: 25 Sep 2023 13:42

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 306077

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 22.7 17.0 25.4

