

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135544.D
 Acq On : 03 Oct 2023 16:05
 Operator : CG\JU
 Sample : PB155919BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155919BL

Quant Time: Oct 04 07:02:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

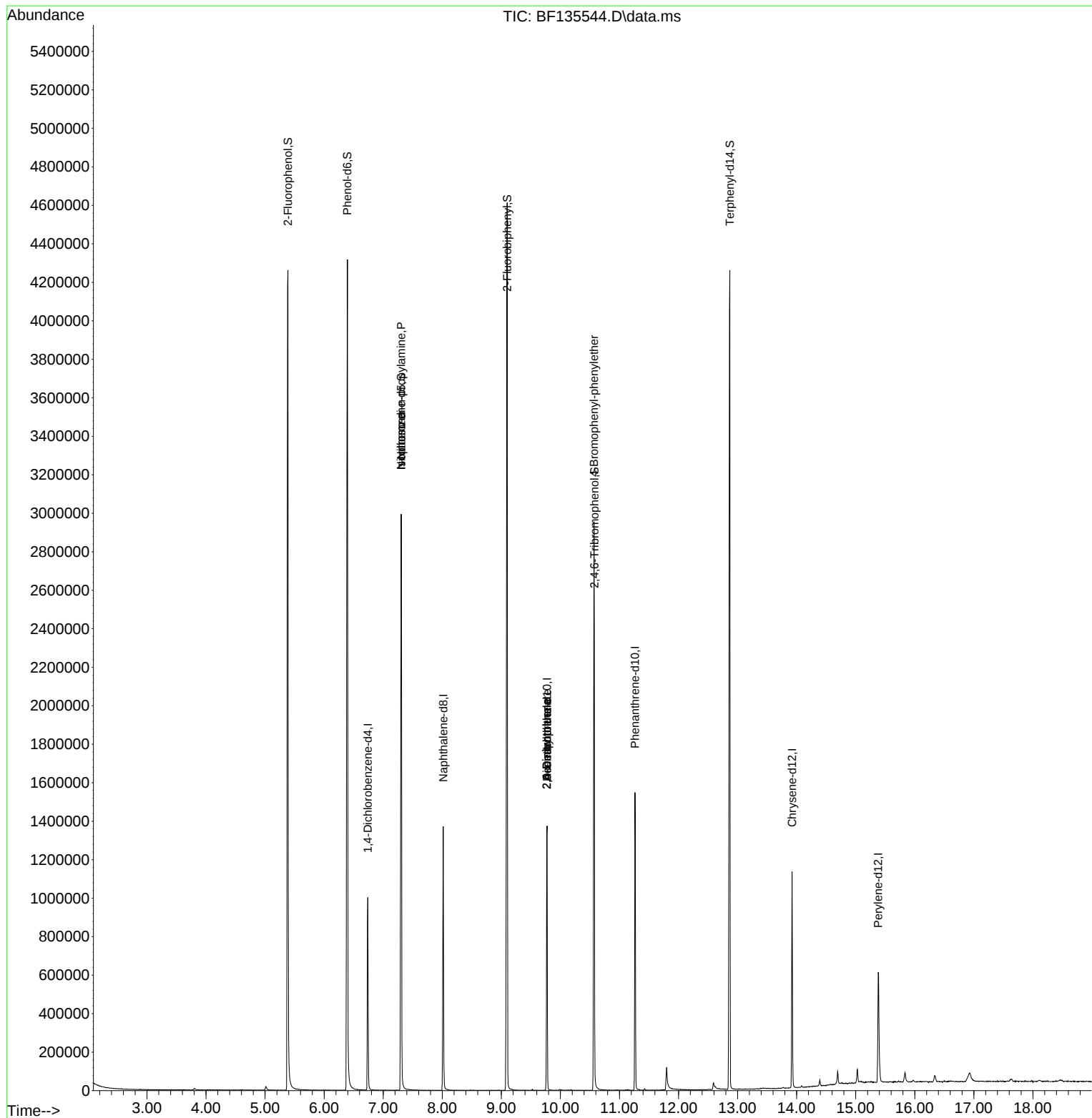
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	151073	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	591322	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	295273	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	576193	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	355563	20.000	ng	0.00
86) Perylene-d12	15.380	264	279035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1320767	142.193	ng	0.02
7) Phenol-d6	6.393	99	1671651	141.535	ng	0.00
23) Nitrobenzene-d5	7.304	82	1074404	98.714	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	370367	126.220	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1746489	89.238	ng	0.00
79) Terphenyl-d14	12.869	244	1795335	78.273	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	142459	19.473	ng	# 81
25) Isophorone	7.304	82	1074530	53.764	ng	# 65
50) Dimethylphthalate	9.775	163	58462	2.928	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	36981	8.456	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	36981	6.754	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	23237	4.055	ng	# 1

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

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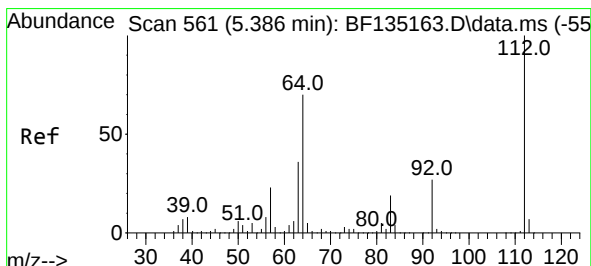
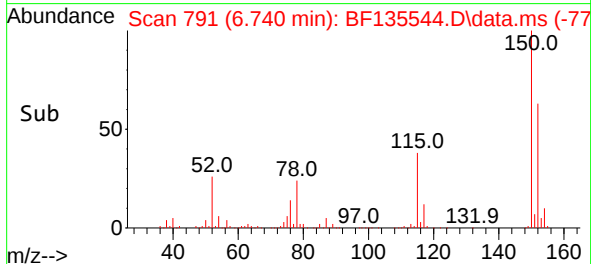
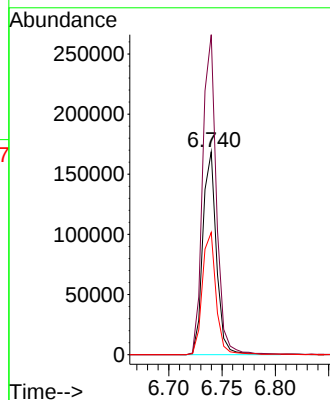
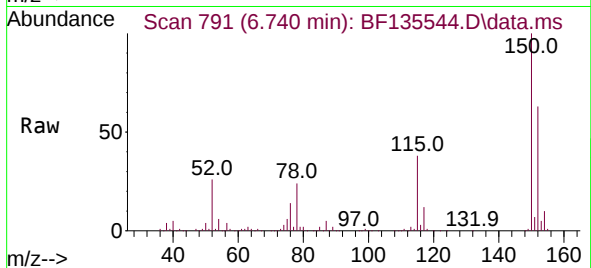




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

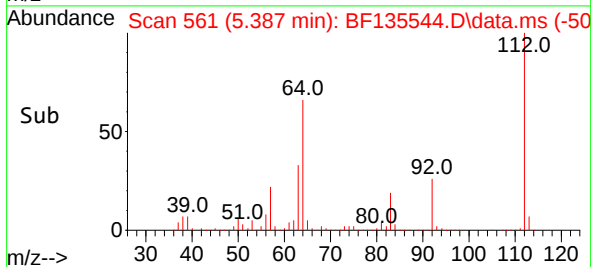
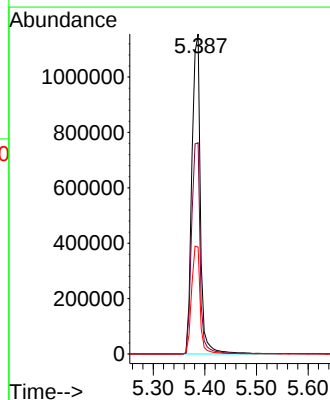
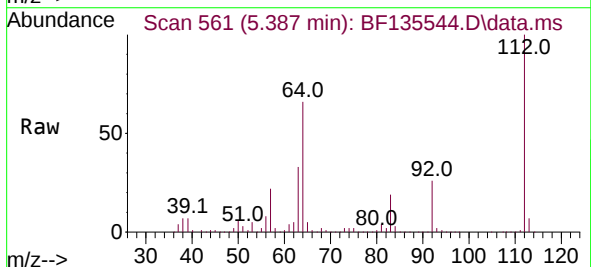
Instrument :
BNA_F
ClientSampleId :
PB155919BL

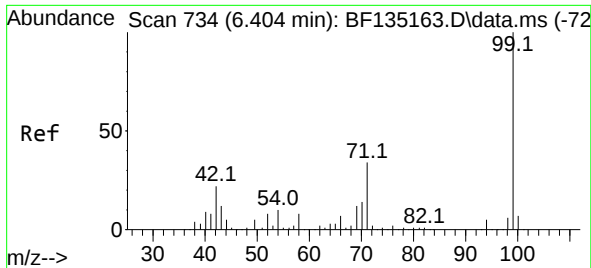
Tgt Ion:152 Resp: 151073
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 60.2 49.8 74.8



#5
2-Fluorophenol
Concen: 142.193 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion:112 Resp: 1320767
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 33.4 29.0 43.6

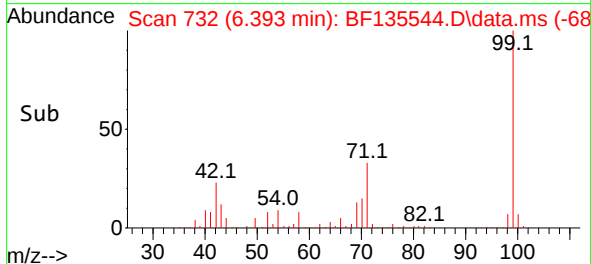
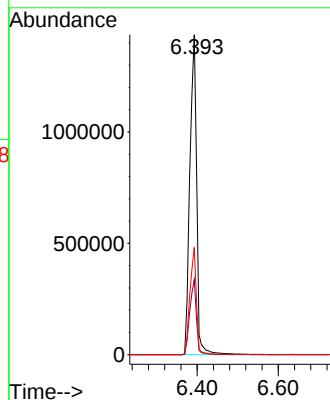
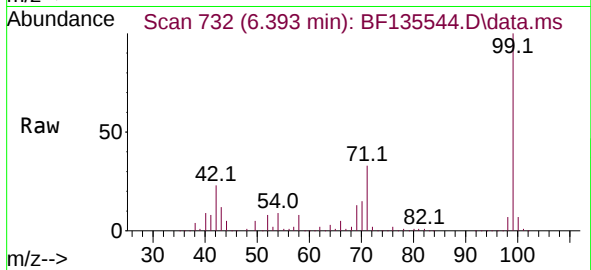




#7
Phenol-d6
Concen: 141.535 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

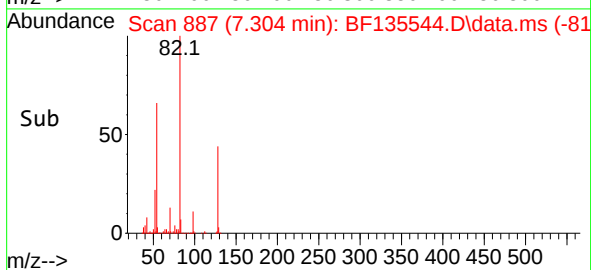
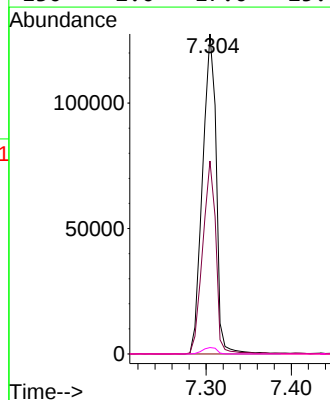
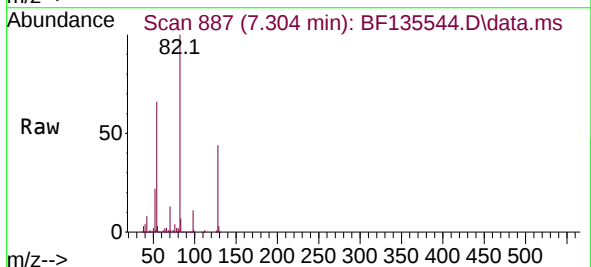
Instrument :
BNA_F
ClientSampleId :
PB155919BL

Tgt Ion: 99 Resp: 1671651
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 33.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.473 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

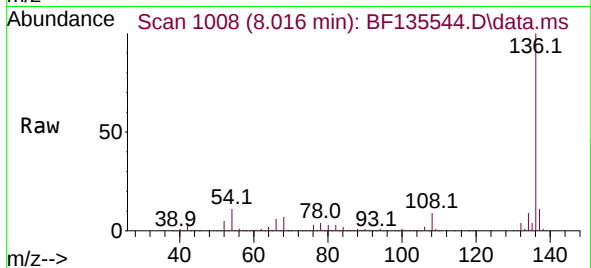
Tgt Ion: 70 Resp: 142459
Ion Ratio Lower Upper
70 100
42 60.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#



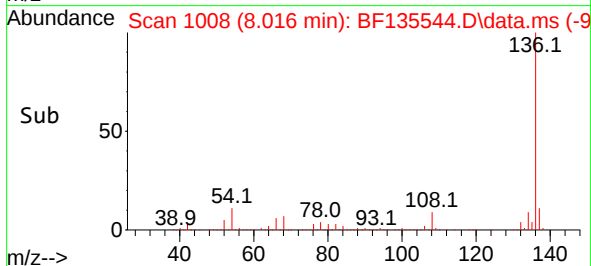
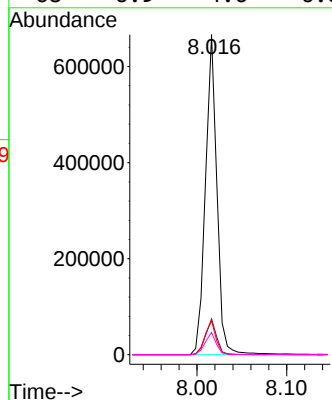


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Instrument :
BNA_F
ClientSampleId :
PB155919BL

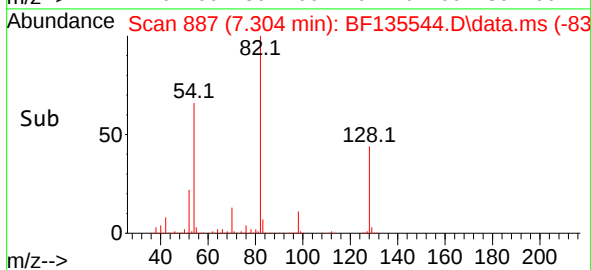
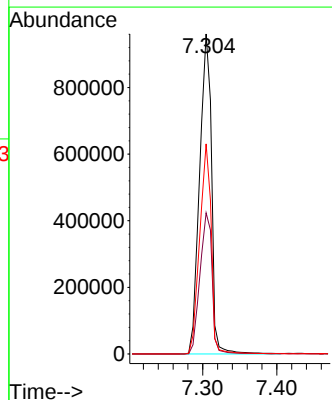
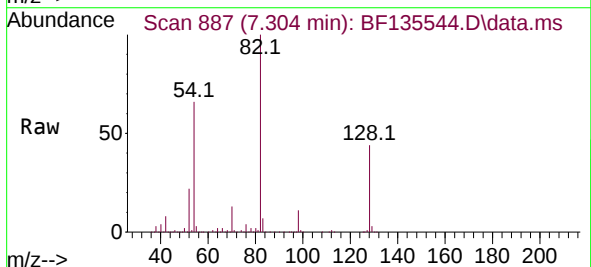


Tgt Ion:136 Resp: 591322
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.6 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 98.714 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion: 82 Resp: 1074404
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 65.7 50.6 76.0

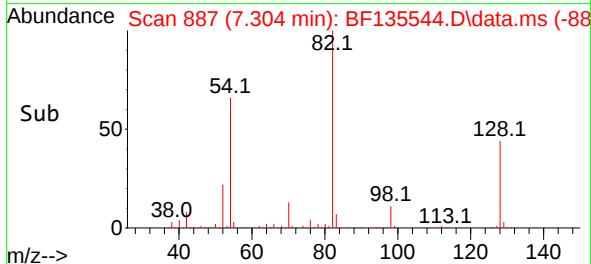
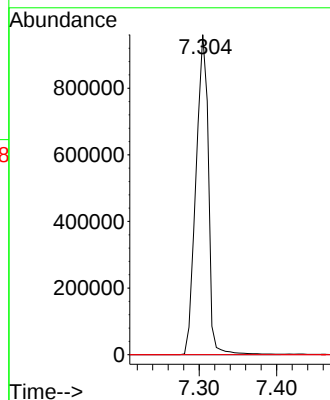
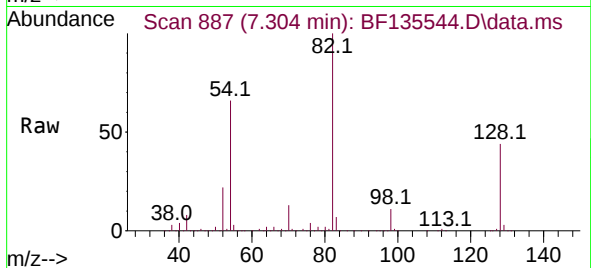




#25
Isophorone
Concen: 53.764 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.258 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

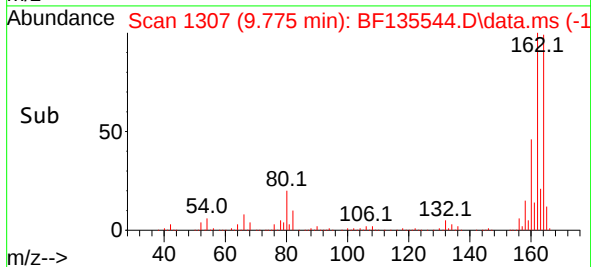
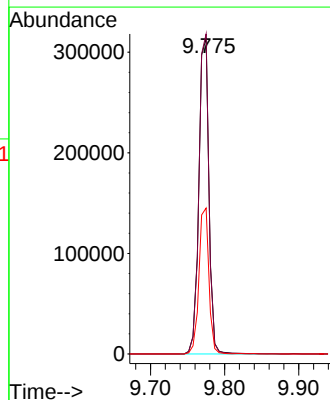
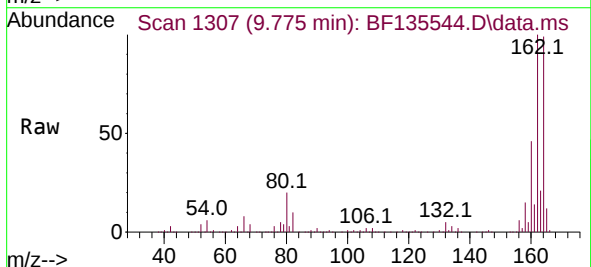
Instrument :
BNA_F
ClientSampleId :
PB155919BL

Tgt Ion: 82 Resp: 1074530
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. 0.000 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion:164 Resp: 295273
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 46.2 37.0 55.4

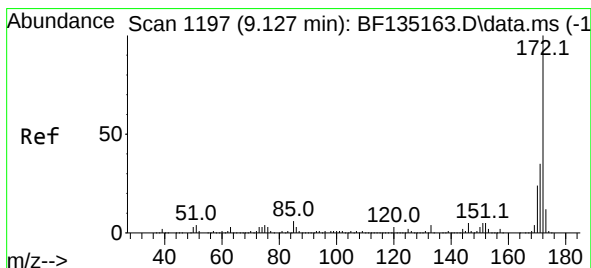
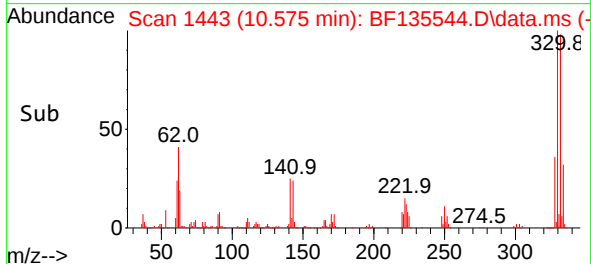
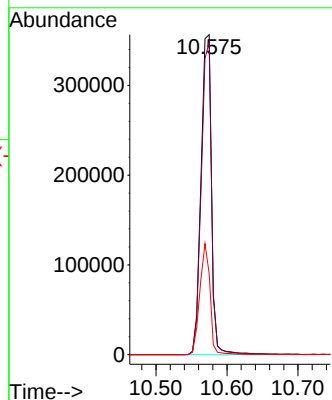
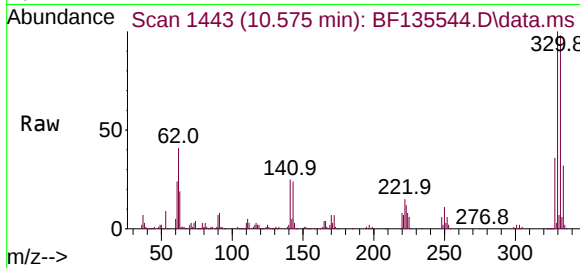




#42
2,4,6-Tribromophenol
Concen: 126.220 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

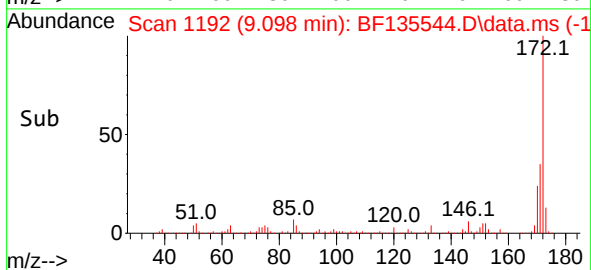
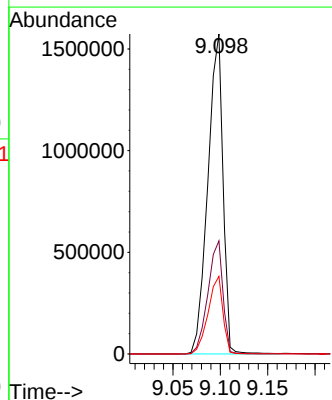
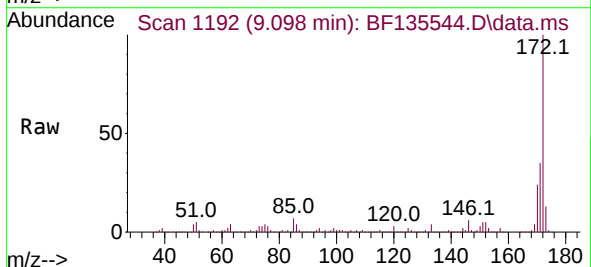
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BNA_F
ClientSampleId :
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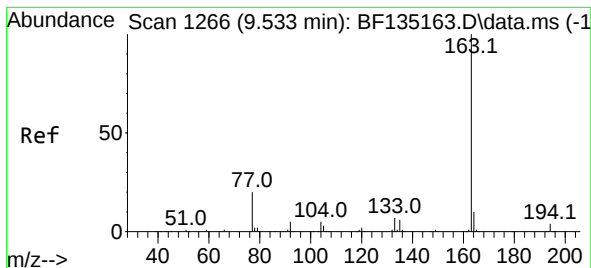
Tgt Ion:330 Resp: 370367
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 33.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 89.238 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion:172 Resp: 1746489
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.2 19.0 28.4





#50

Dimethylphthalate

Concen: 2.928 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.271 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

Instrument :

BNA_F

ClientSampleId :

PB155919BL

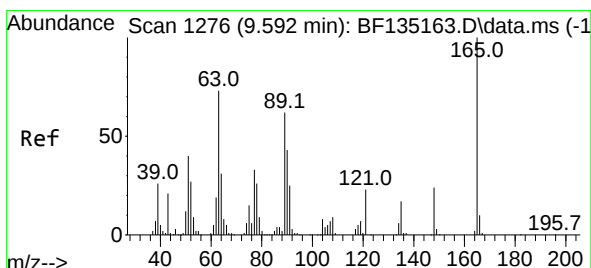
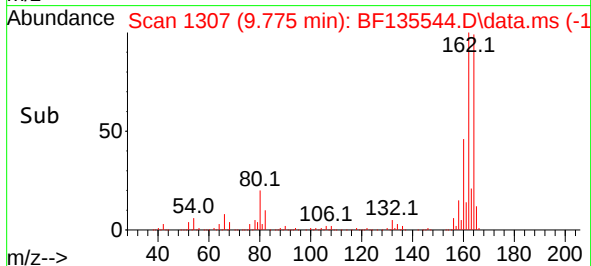
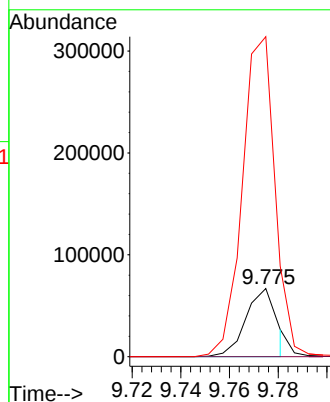
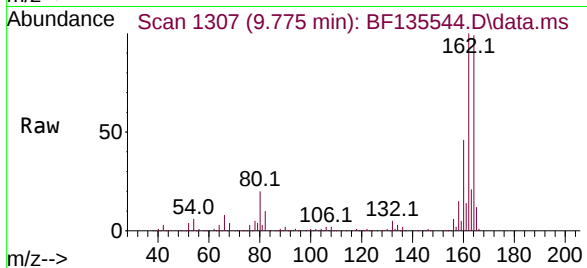
Tgt Ion:163 Resp: 58462

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 469.8 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.456 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.194 min

Lab File: BF135544.D

Acq: 03 Oct 2023 16:05

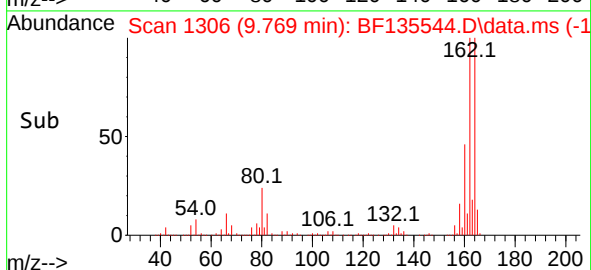
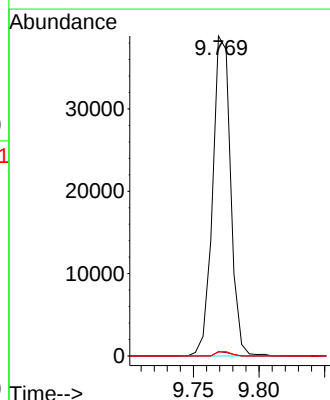
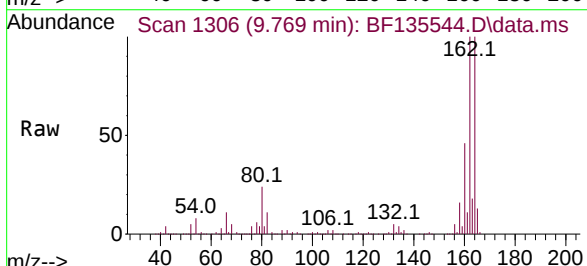
Tgt Ion:165 Resp: 36981

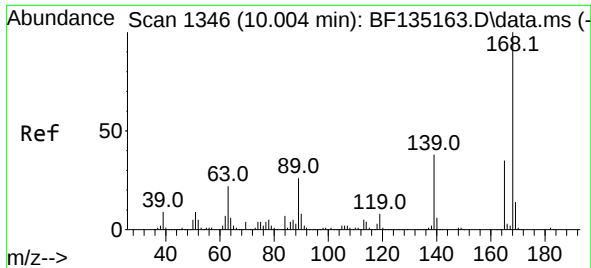
Ion Ratio Lower Upper

165 100

63 1.3 59.4 89.2#

89 1.2 49.8 74.8#

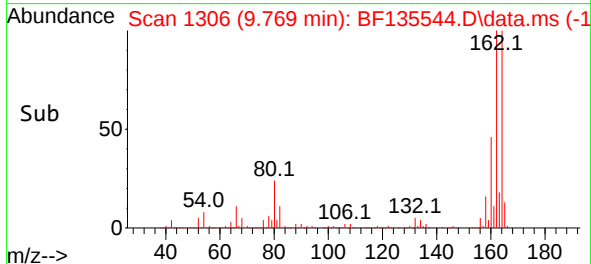
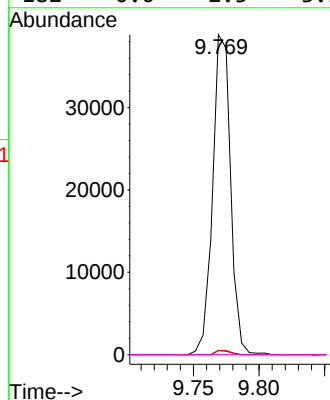
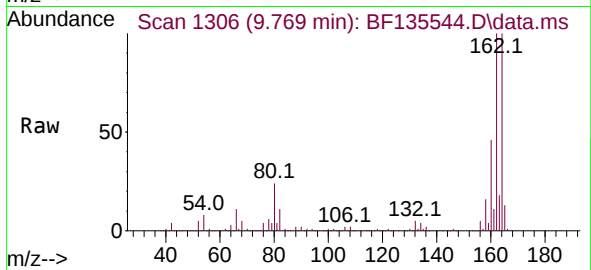




#57
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

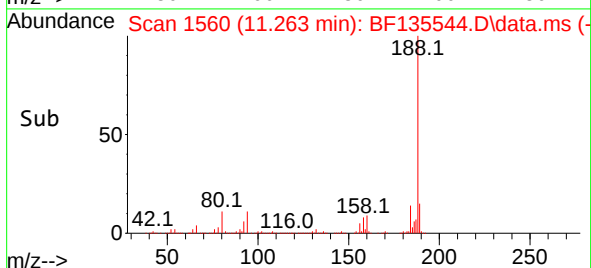
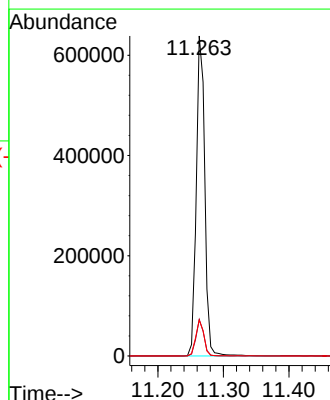
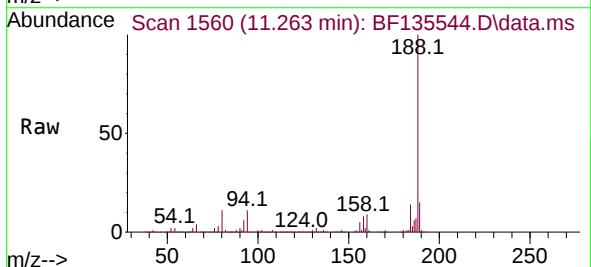
Instrument :
BNA_F
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Tgt Ion:165 Resp: 36981
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

Tgt Ion:188 Resp: 576193
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.6#
80 11.3 7.5 11.3

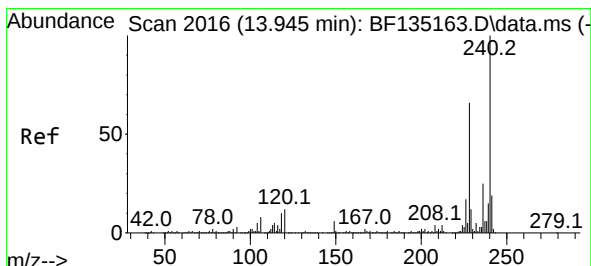
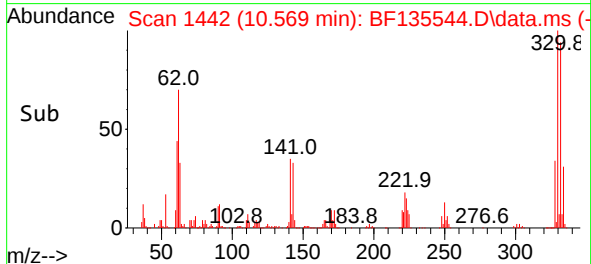
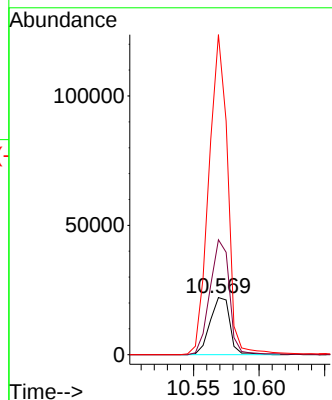
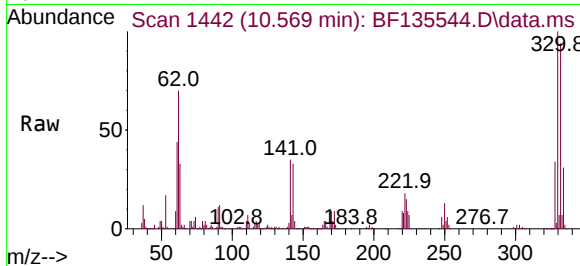




#67
4-Bromophenyl-phenylether
Concen: 4.055 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

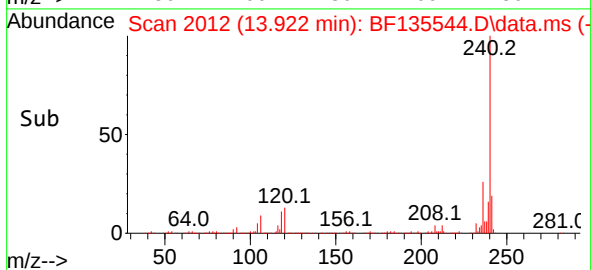
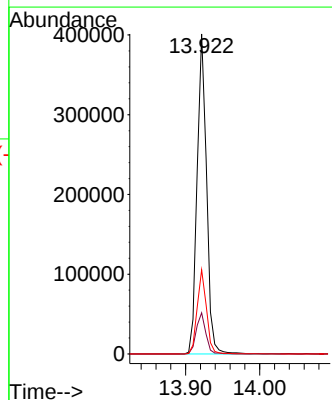
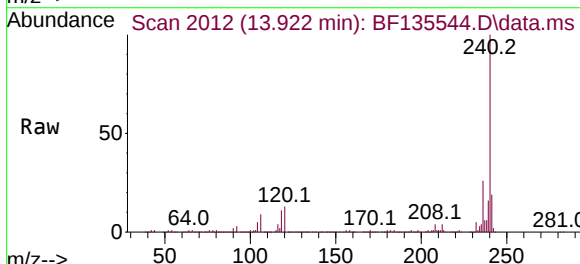
Instrument :
BNA_F
ClientSampleId :
PB155919BL

Tgt Ion:248 Resp: 23237
Ion Ratio Lower Upper
248 100
250 200.7 78.6 117.8#
141 559.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135544.D
Acq: 03 Oct 2023 16:05

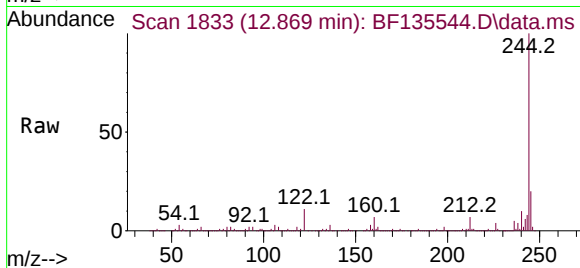
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Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 26.3 19.8 29.8



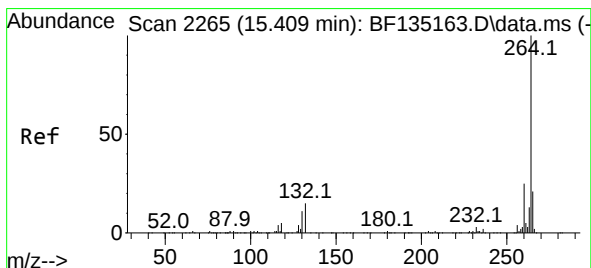
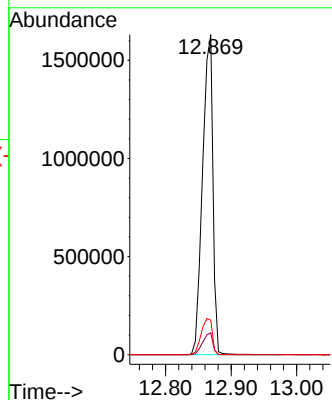
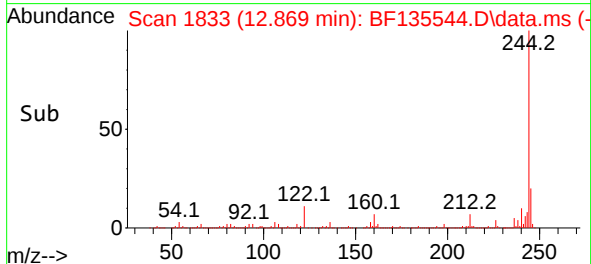


#79
 Terphenyl-d14
 Concen: 78.273 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135544.D
 Acq: 03 Oct 2023 16:05

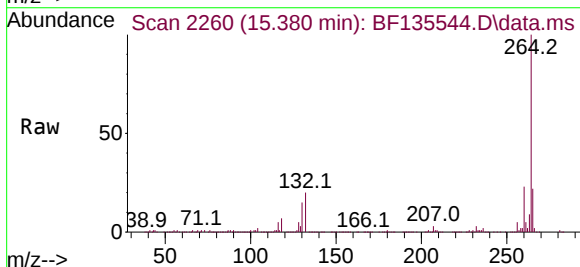
Instrument :
 BNA_F
 ClientSampleId :
 PB155919BL



Tgt Ion:244 Resp: 1795335
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF135544.D
 Acq: 03 Oct 2023 16:05



Tgt Ion:264 Resp: 279035
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.8 29.6
 265 21.8 17.0 25.4

