

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135587.D
 Acq On : 05 Oct 2023 00:27
 Operator : CG\JU
 Sample : 04691-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155983TB

Quant Time: Oct 05 00:51:43 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 17:06:20 2023
 Response via : Initial Calibration

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

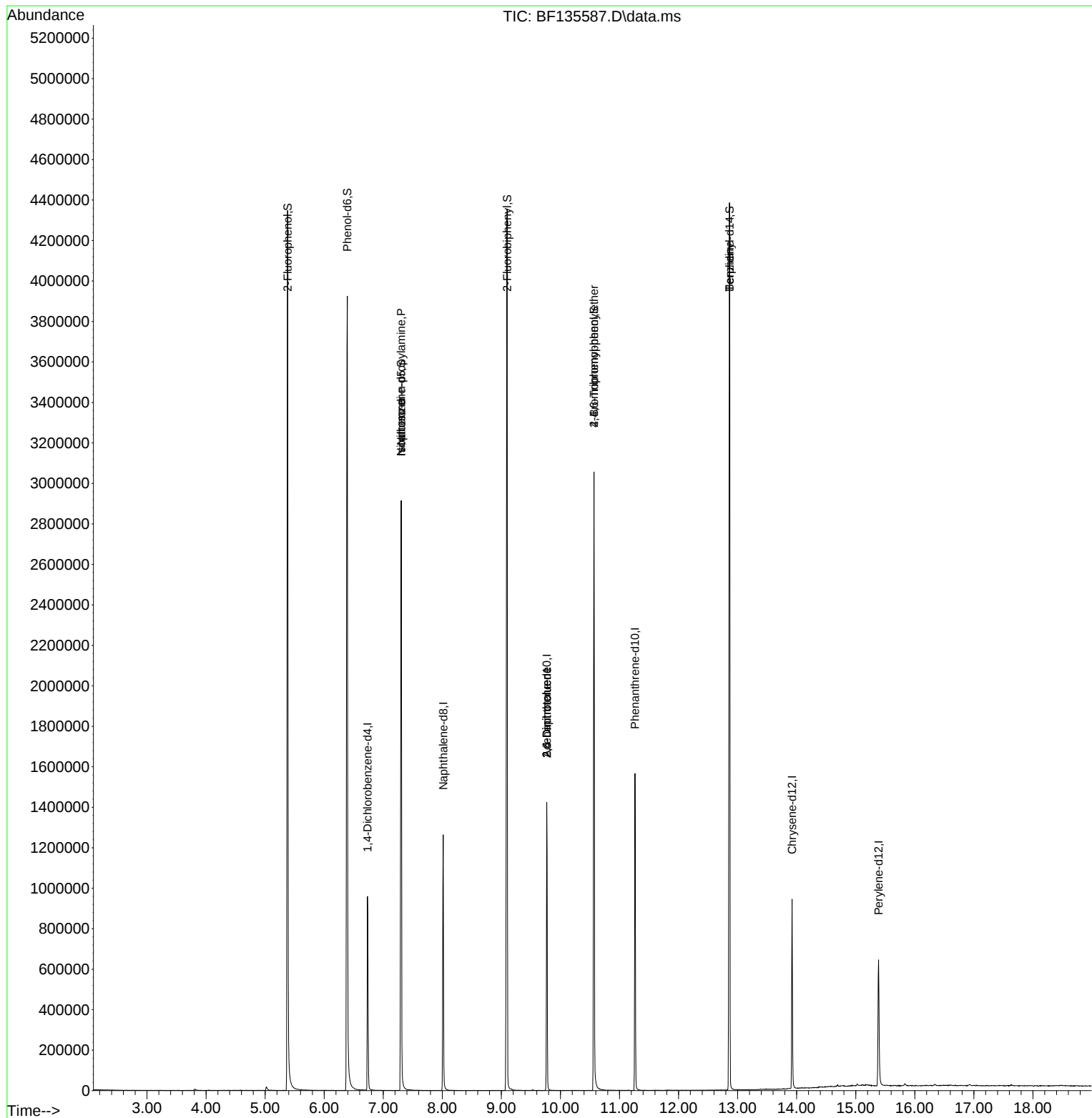
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	149519	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	582511	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	292985	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	569837	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	312376	20.000	ng	0.00
86) Perylene-d12	15.386	264	310964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1250130	135.987	ng	0.01
7) Phenol-d6	6.393	99	1577830	134.979	ng	0.00
23) Nitrobenzene-d5	7.304	82	1027409	95.824	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	380550	130.703	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1731471	89.162	ng	0.00
79) Terphenyl-d14	12.863	244	1827678	90.700	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	136930	18.912	ng	# 82
25) Isophorone	7.304	82	1027400	52.184	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	36104	8.320	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	36104	6.646	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	23211	4.095	ng	# 1
77) Benzidine	12.863	184	22954	3.587	ng	# 93

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

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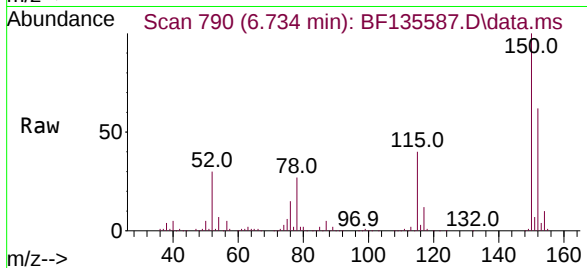
Quant Time: Oct 05 00:51:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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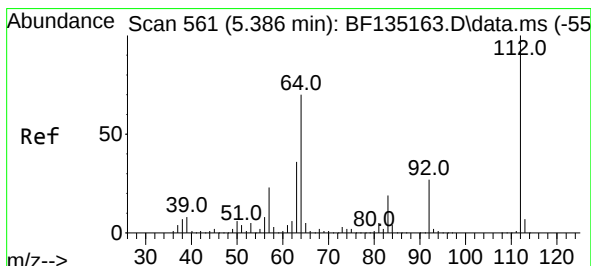
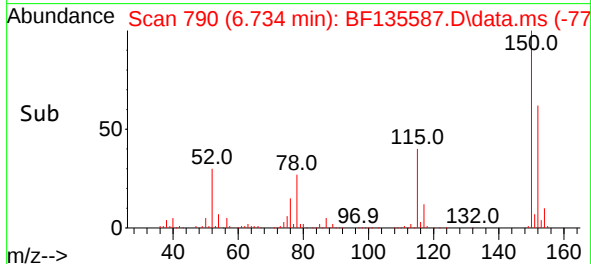
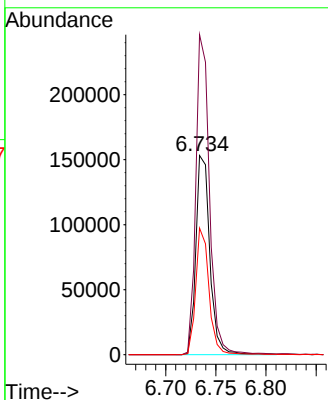


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

Instrument :
BNA_F
ClientSampleId :
PB155983TB

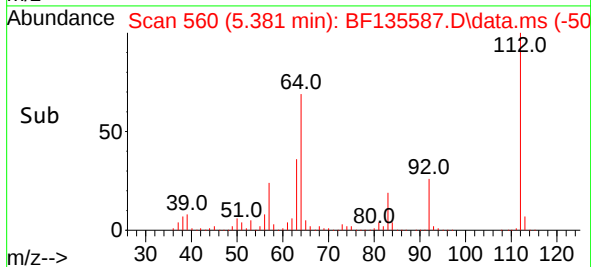
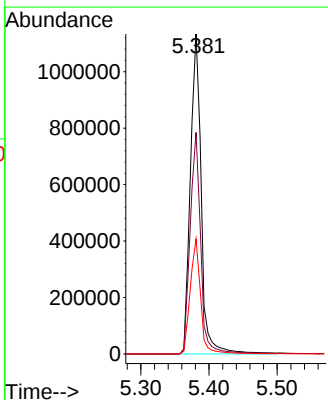
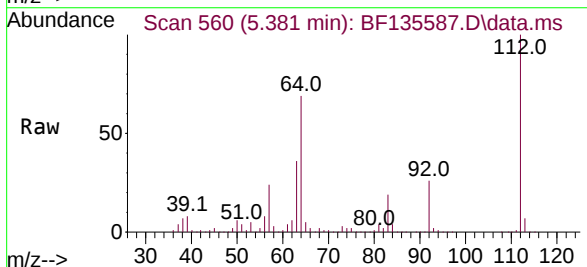


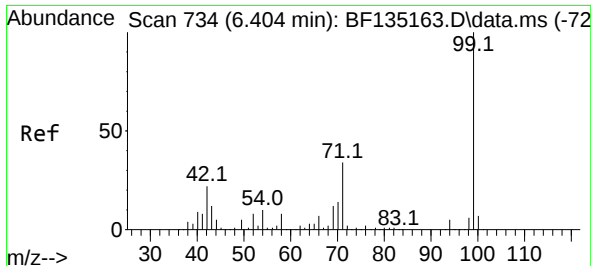
Tgt Ion:152 Resp: 149519
Ion Ratio Lower Upper
152 100
150 160.7 127.8 191.6
115 63.5 49.8 74.8



#5
2-Fluorophenol
Concen: 135.987 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

Tgt Ion:112 Resp: 1250130
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.9 29.0 43.6

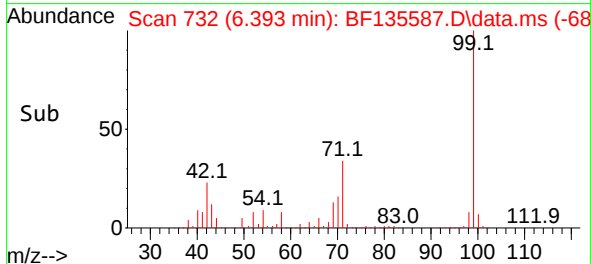
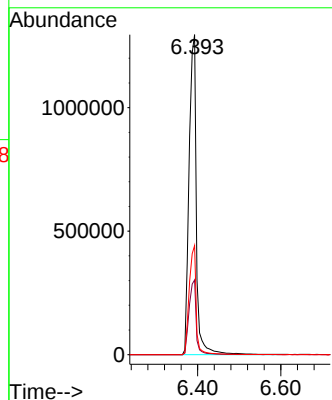
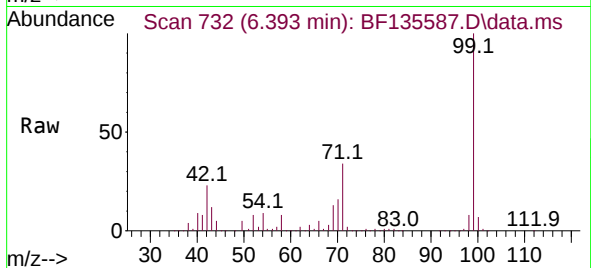




#7
Phenol-d6
Concen: 134.979 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

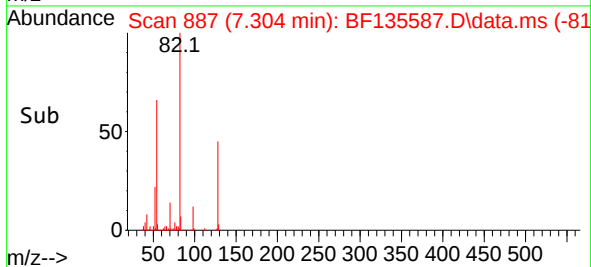
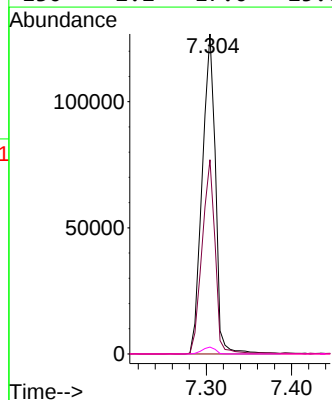
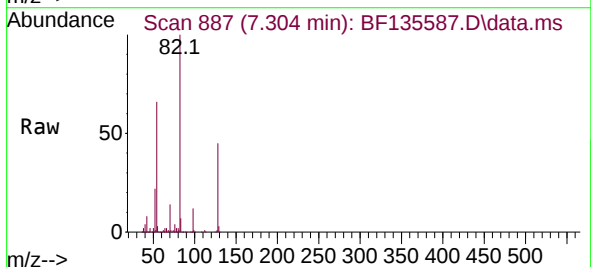
Instrument :
BNA_F
ClientSampleId :
PB155983TB

Tgt Ion: 99 Resp: 1577830
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 34.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.912 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

Tgt Ion: 70 Resp: 136930
Ion Ratio Lower Upper
70 100
42 60.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

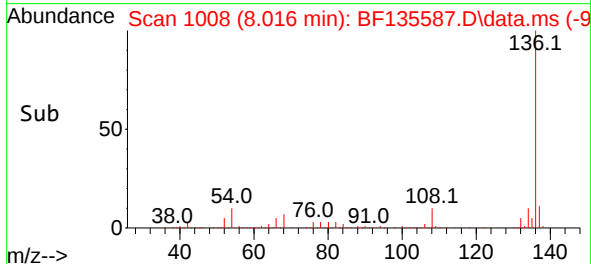
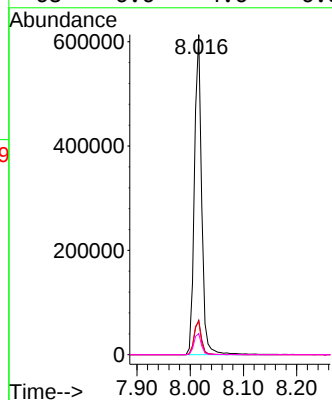
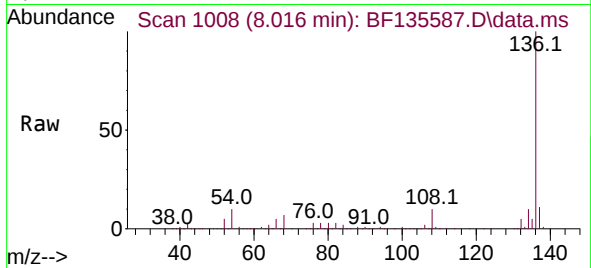




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

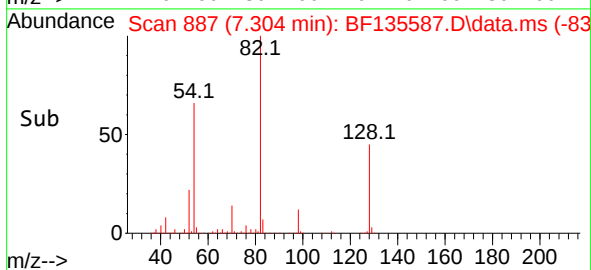
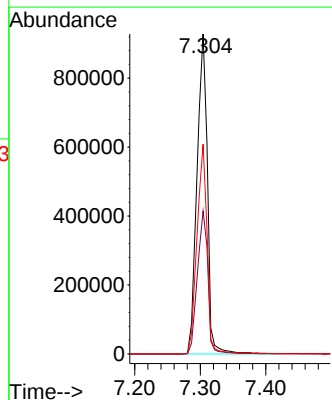
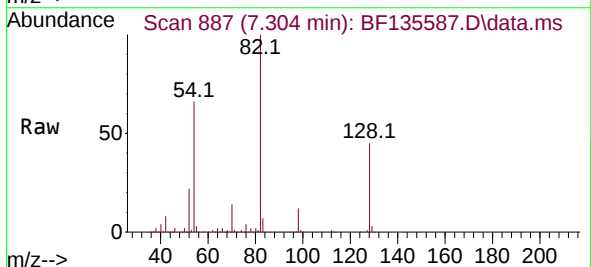
Instrument :
BNA_F
ClientSampleId :
PB155983TB

Tgt Ion:136 Resp: 582511
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.3 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 95.824 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

Tgt Ion: 82 Resp: 1027409
Ion Ratio Lower Upper
82 100
128 44.7 35.8 53.6
54 65.6 50.6 76.0

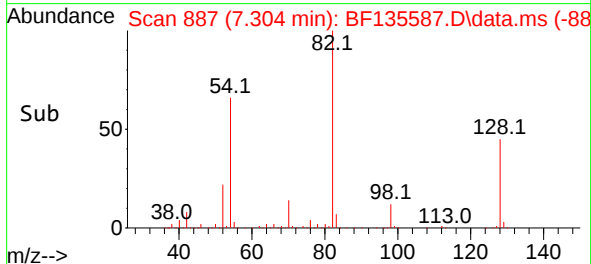
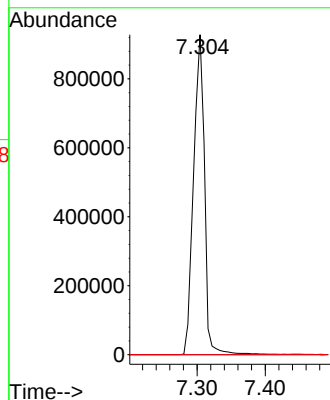
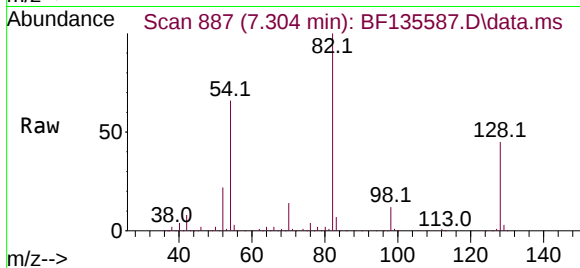




#25
Isophorone
Concen: 52.184 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

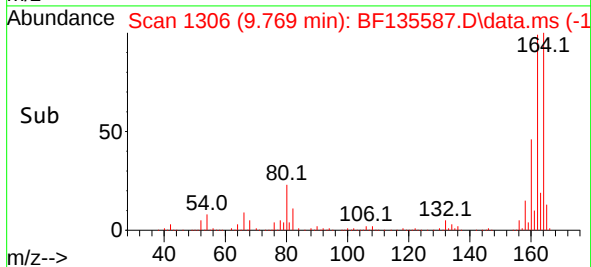
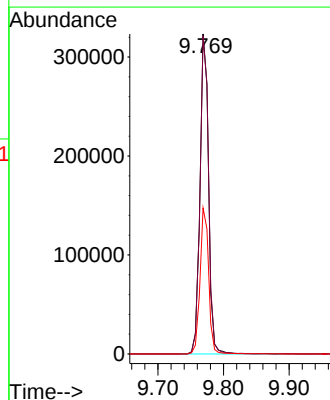
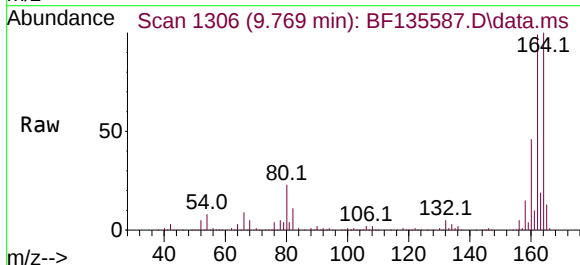
Instrument :
BNA_F
ClientSampleId :
PB155983TB

Tgt Ion: 82 Resp: 1027400
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: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135587.D
Acq: 05 Oct 2023 00:27

Tgt Ion:164 Resp: 292985
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 130.703 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

Instrument :

BNA_F

ClientSampleId :

PB155983TB

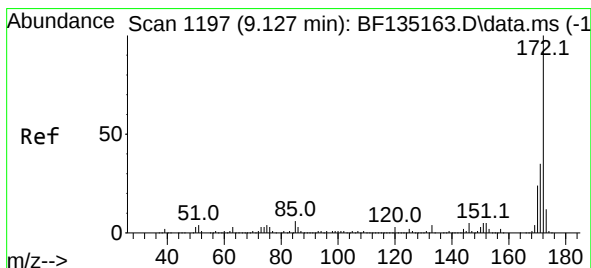
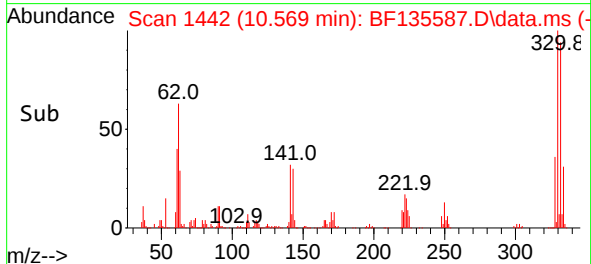
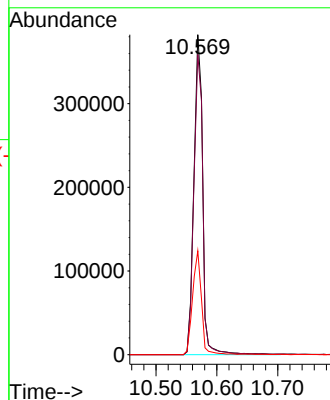
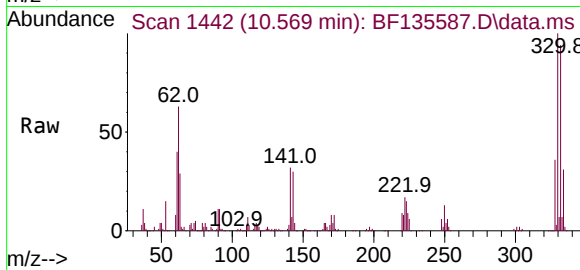
Tgt Ion:330 Resp: 380550

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 32.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 89.162 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

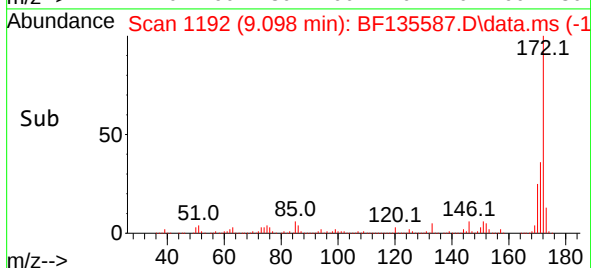
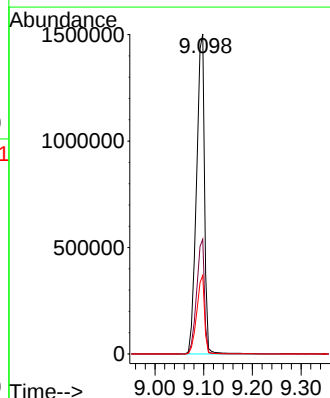
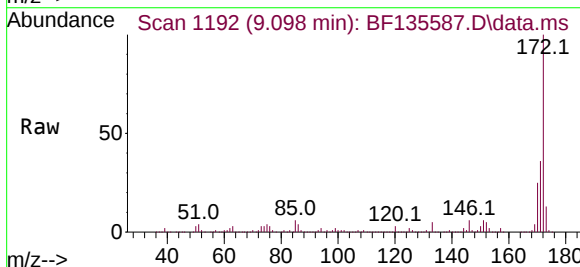
Tgt Ion:172 Resp: 1731471

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.6 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.320 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

Instrument :

BNA_F

ClientSampleId :

PB155983TB

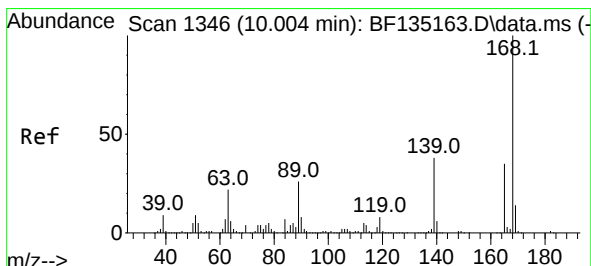
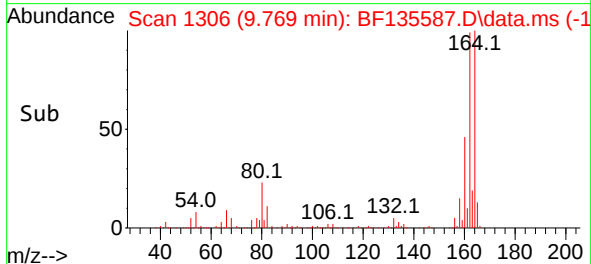
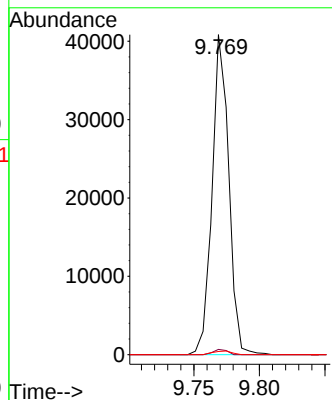
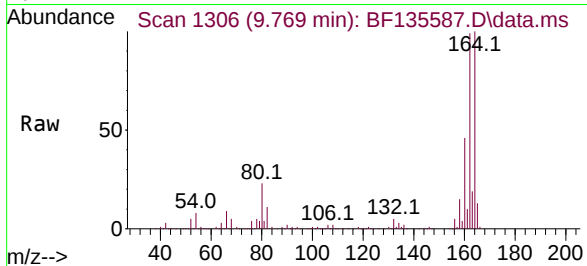
Tgt Ion:165 Resp: 36104

Ion Ratio Lower Upper

165 100

63 1.6 59.4 89.2#

89 1.0 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.646 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.217 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

Tgt Ion:165 Resp: 36104

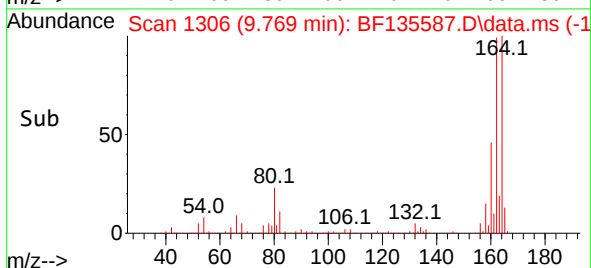
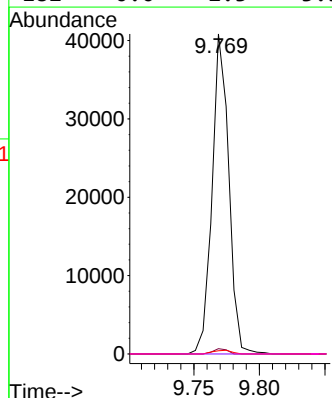
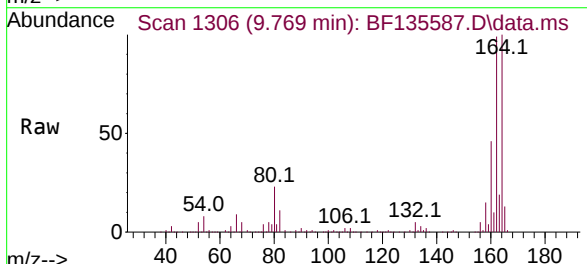
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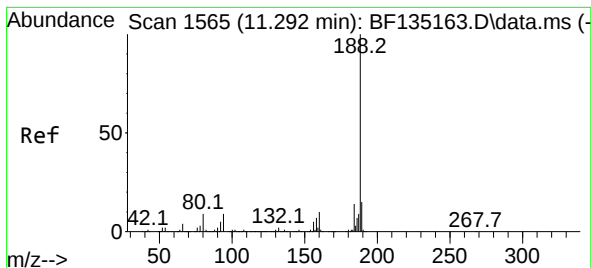
165 100

63 1.6 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: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

Instrument :

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PB155983TB

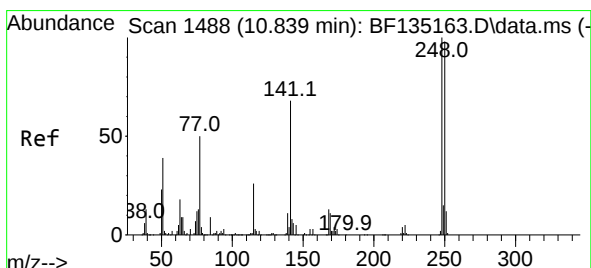
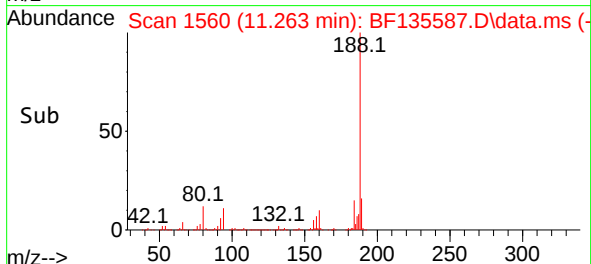
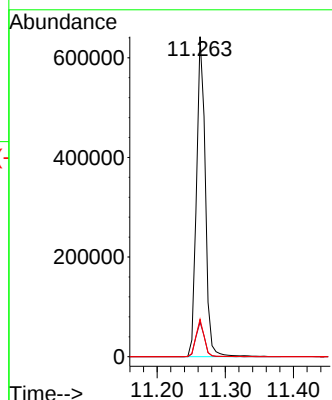
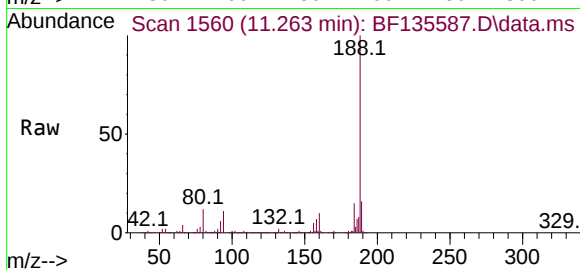
Tgt Ion:188 Resp: 569837

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.7 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.095 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

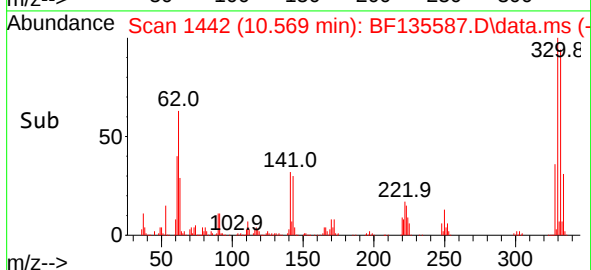
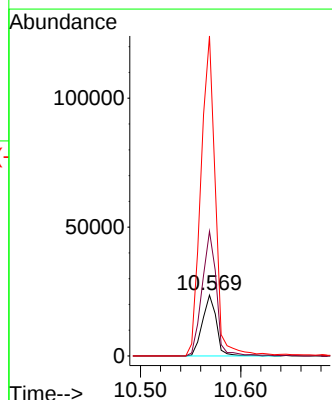
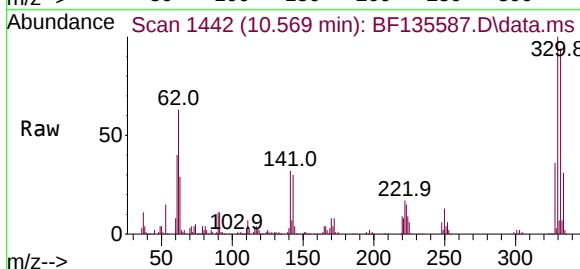
Tgt Ion:248 Resp: 23211

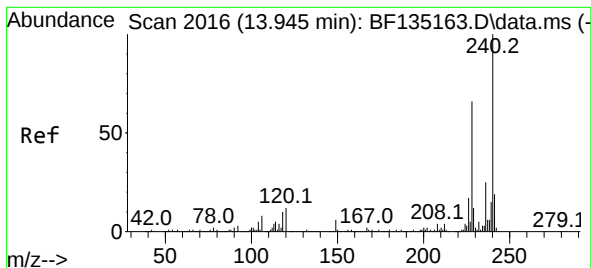
Ion Ratio Lower Upper

248 100

250 205.0 78.6 117.8#

141 526.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

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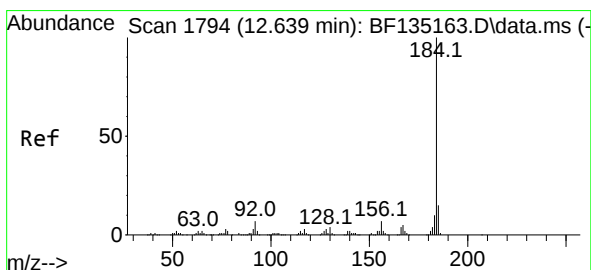
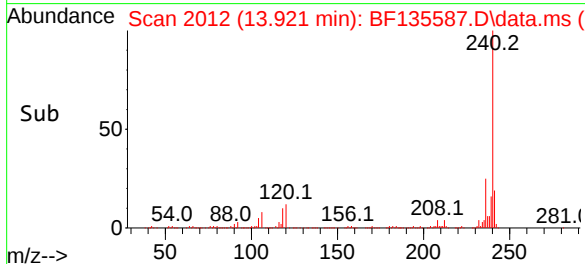
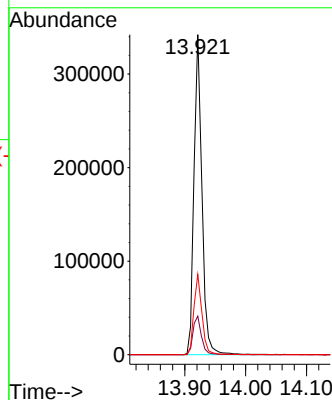
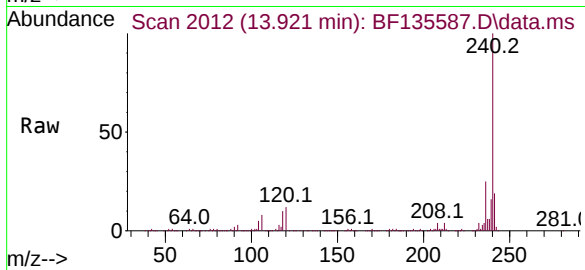
Tgt Ion:240 Resp: 312376

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 25.1 19.8 29.8



#77

Benzidine

Concen: 3.587 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF135587.D

Acq: 05 Oct 2023 00:27

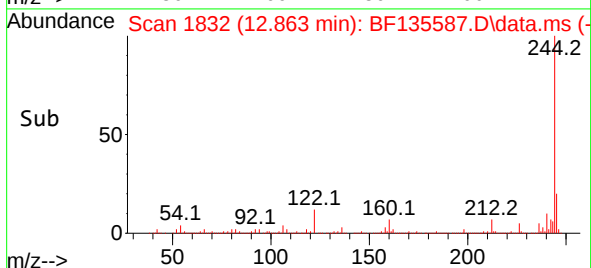
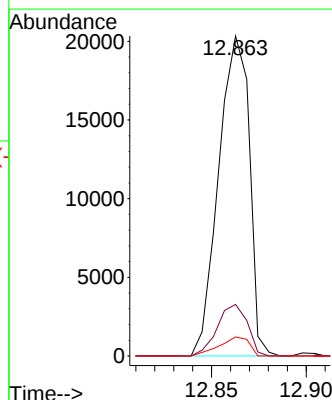
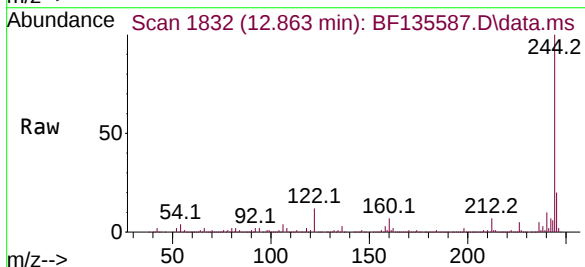
Tgt Ion:184 Resp: 22954

Ion Ratio Lower Upper

184 100

185 16.1 11.7 17.5

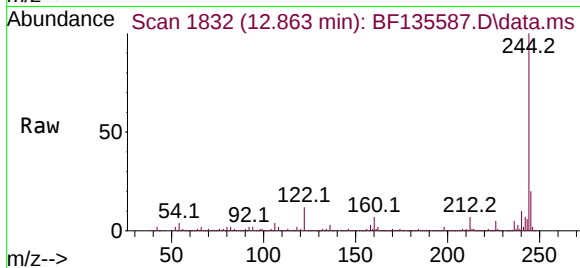
183 5.9 8.2 12.4#





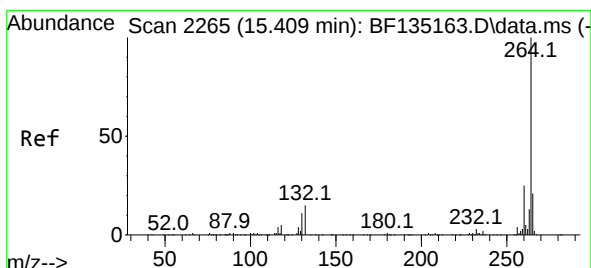
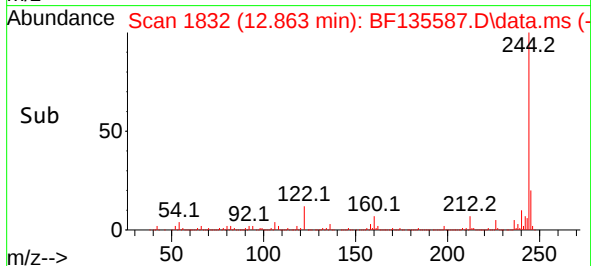
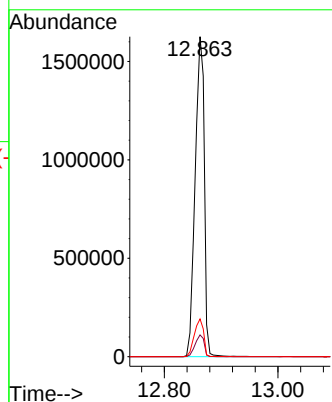
#79
 Terphenyl-d14
 Concen: 90.700 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135587.D
 Acq: 05 Oct 2023 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB155983TB



Tgt Ion:244 Resp: 1827678

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.8	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135587.D
 Acq: 05 Oct 2023 00:27

Tgt Ion:264 Resp: 310964

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	22.8	17.0	25.4

