

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135675.D
 Acq On : 10 Oct 2023 03:48
 Operator : CG\JU
 Sample : 04800-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-100623

Quant Time: Oct 10 04:25:10 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)

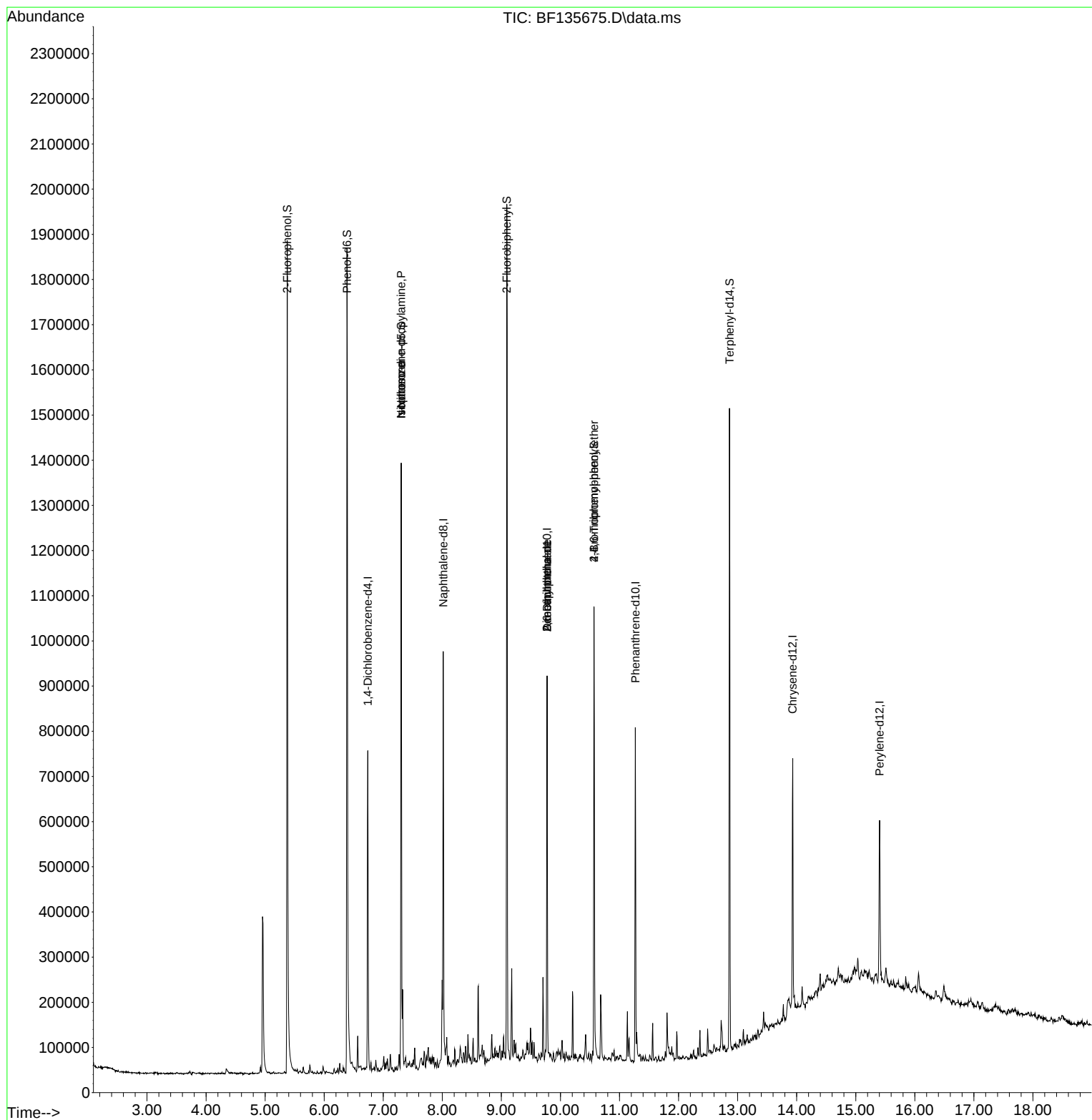
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101762	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	370783	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	161019	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	258047	20.000	ng	0.00
76) Chrysene-d12	13.933	240	186814	20.000	ng	0.00
86) Perylene-d12	15.404	264	168374	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	520559	83.200	ng	0.00
7) Phenol-d6	6.387	99	633960	79.686	ng	0.00
23) Nitrobenzene-d5	7.304	82	373449	54.720	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	114637	71.642	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	591072	55.382	ng	0.00
79) Terphenyl-d14	12.863	244	475613	39.467	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	51510	10.453	ng	Qvalue # 80
25) Isophorone	7.304	82	373168	29.777	ng	# 65
50) Dimethylphthalate	9.775	163	31434	2.887	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	21850	9.162	ng	# 17
67) 4-Bromophenyl-phenylether	10.569	248	7197	2.804	ng	# 1

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

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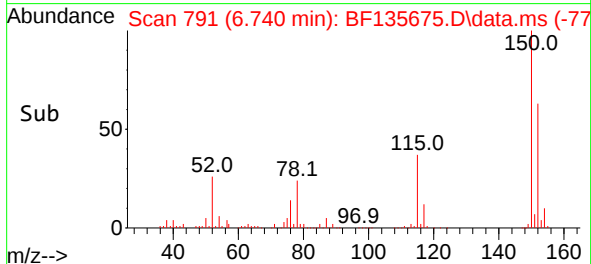
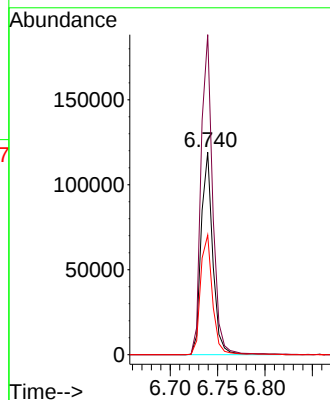
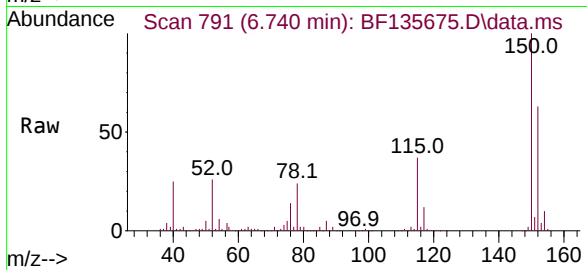




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

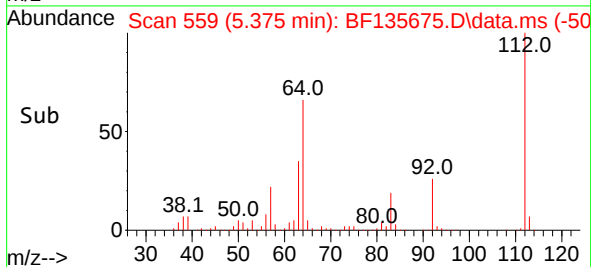
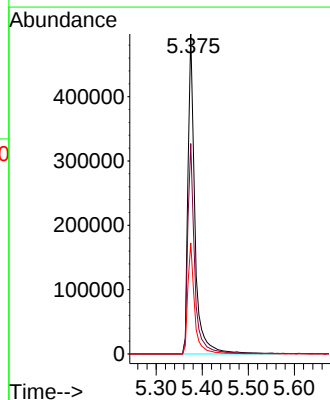
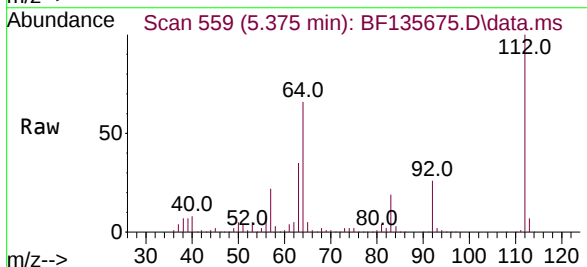
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

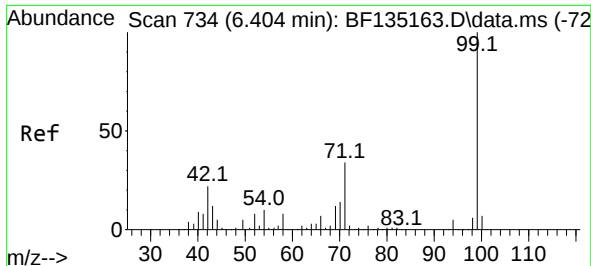
Tgt Ion:152 Resp: 101762
Ion Ratio Lower Upper
152 100
150 158.0 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 83.200 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

Tgt Ion:112 Resp: 520559
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 34.7 29.0 43.6

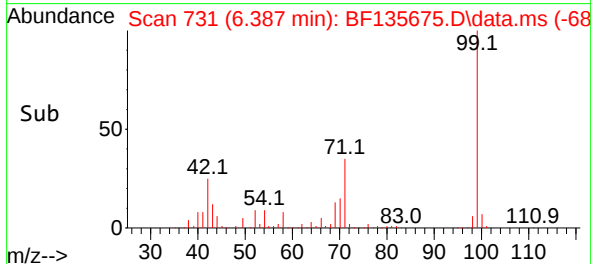
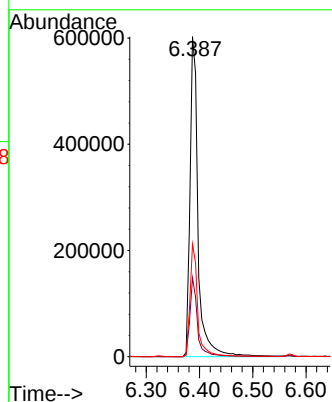
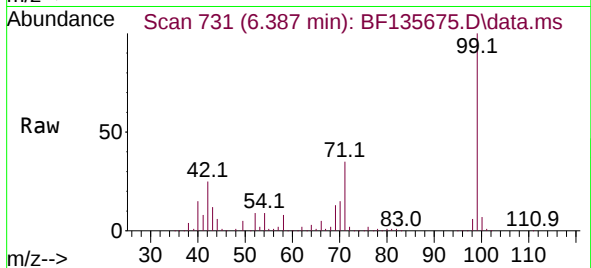




#7
Phenol-d6
Concen: 79.686 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

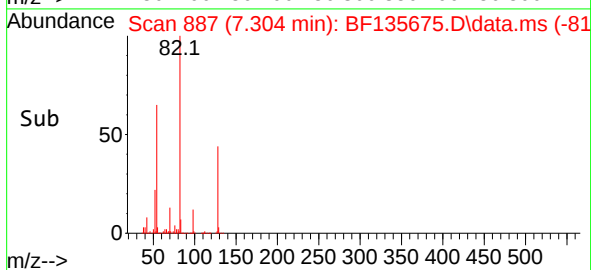
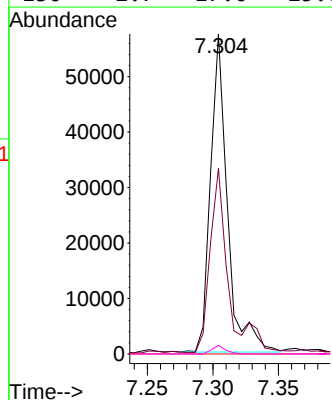
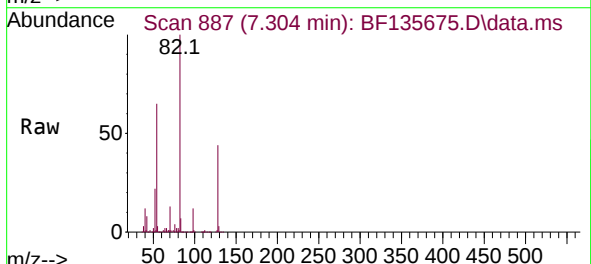
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

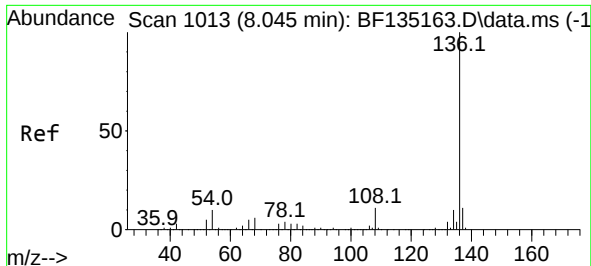
Tgt Ion: 99 Resp: 633960
Ion Ratio Lower Upper
99 100
42 24.7 17.9 26.9
71 35.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.453 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

Tgt Ion: 70 Resp: 51510
Ion Ratio Lower Upper
70 100
42 58.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.7 17.0 25.6#

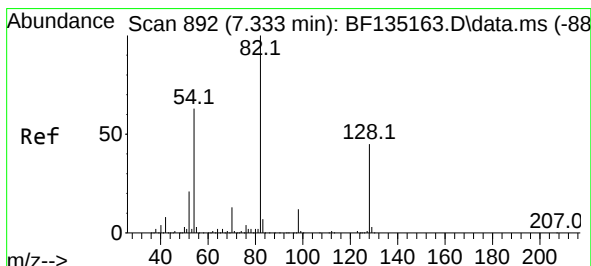
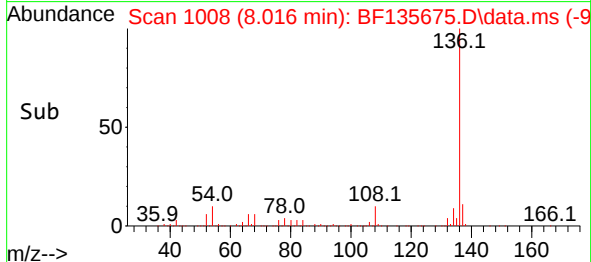
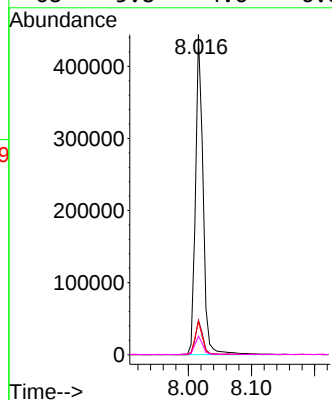
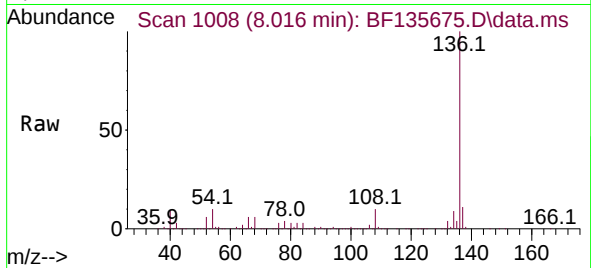




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

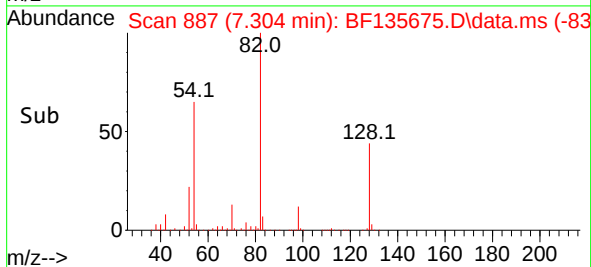
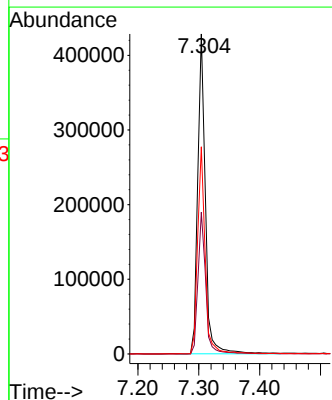
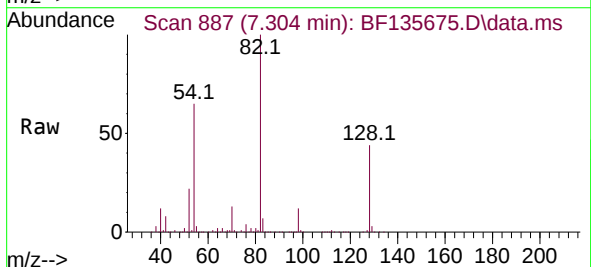
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

Tgt Ion:136 Resp: 370783
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.4 7.7 11.5
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 54.720 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

Tgt Ion: 82 Resp: 373449
Ion Ratio Lower Upper
82 100
128 44.3 35.8 53.6
54 64.8 50.6 76.0

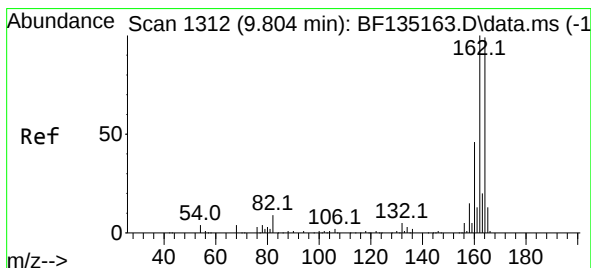
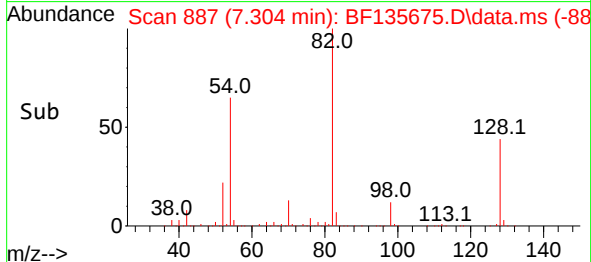
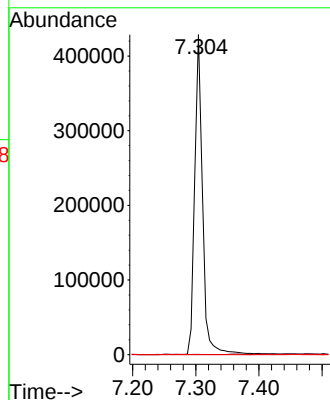
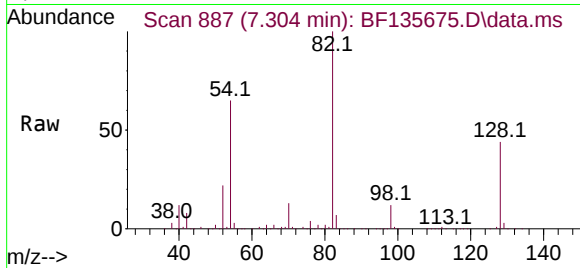




#25
Isophorone
Concen: 29.777 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

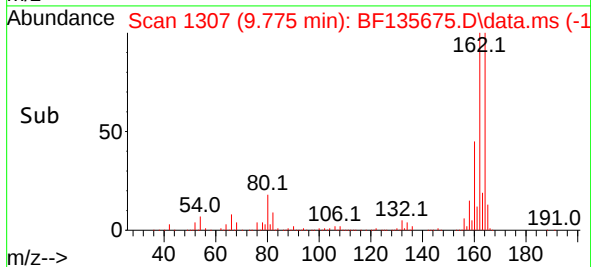
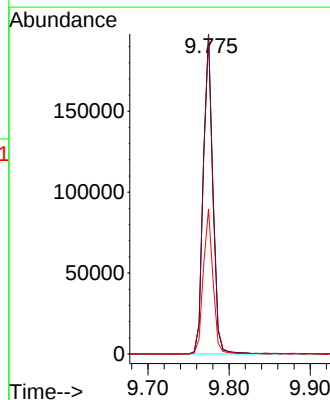
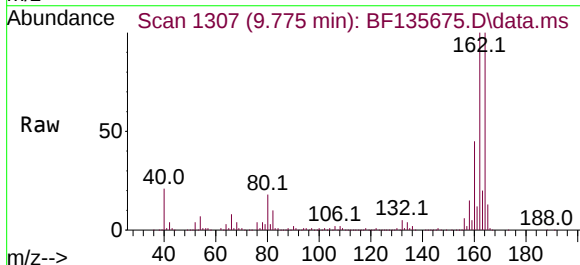
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

Tgt Ion: 82 Resp: 373168
Ion Ratio Lower Upper
82 100
95 0.1 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: BF135675.D
Acq: 10 Oct 2023 03:48

Tgt Ion: 164 Resp: 161019
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 45.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 71.642 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135675.D

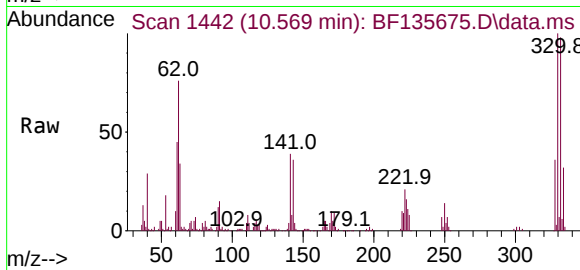
Acq: 10 Oct 2023 03:48

Instrument :

BNA_F

ClientSampleId :

EO-01-100623



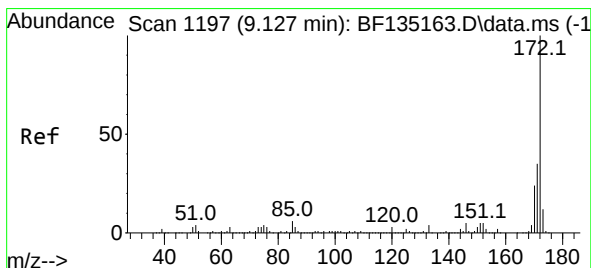
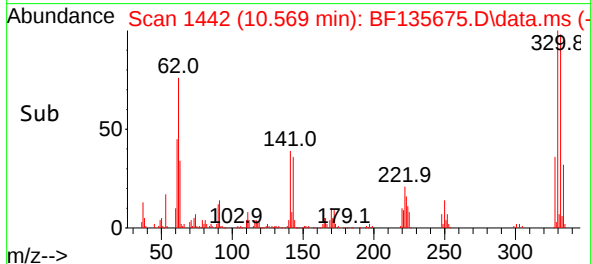
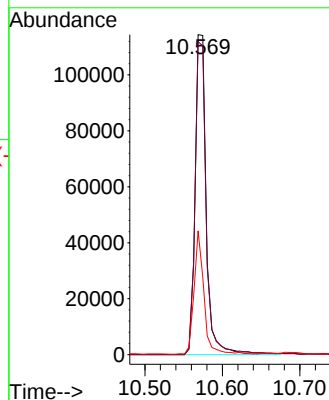
Tgt Ion:330 Resp: 114637

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

141 33.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 55.382 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

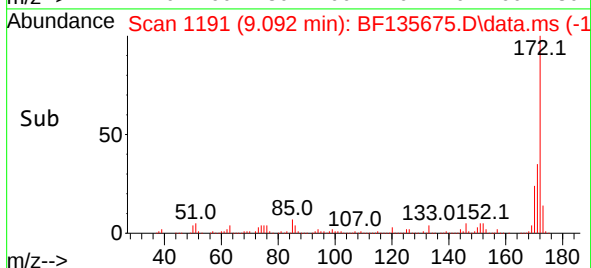
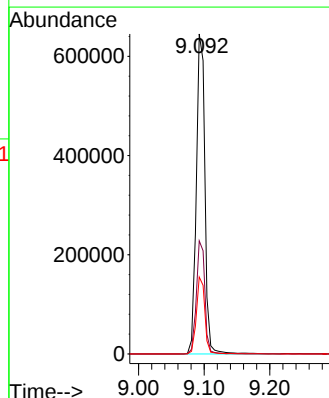
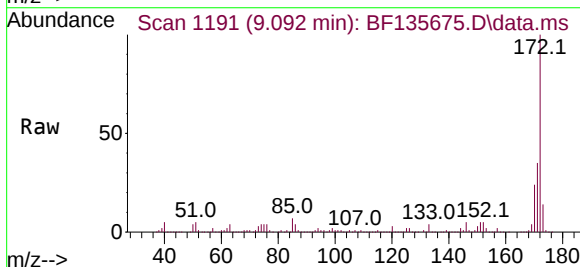
Tgt Ion:172 Resp: 591072

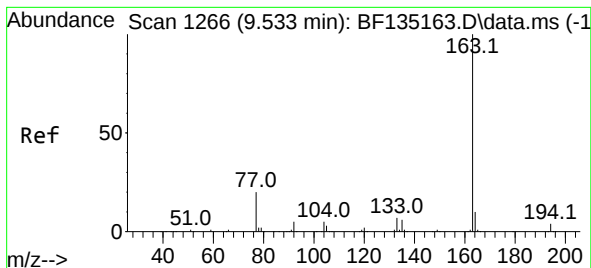
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.1 19.0 28.4





#50

Dimethylphthalate

Concen: 2.887 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.271 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

Instrument :

BNA_F

ClientSampleId :

EO-01-100623

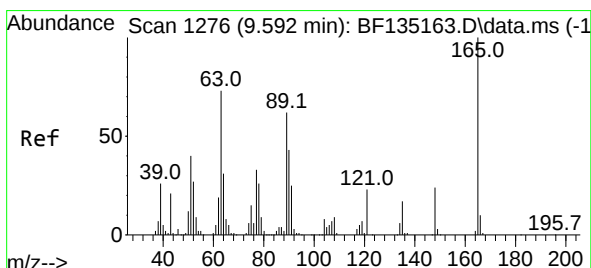
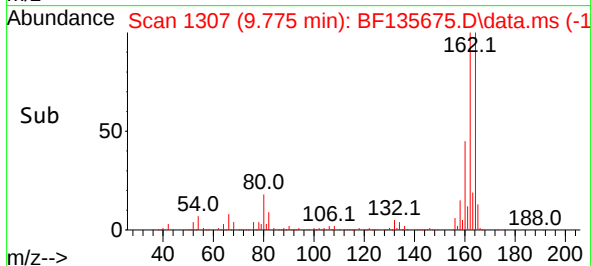
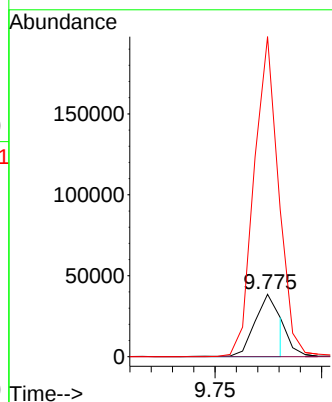
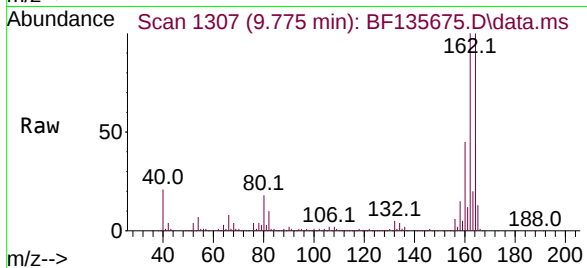
Tgt Ion:163 Resp: 31434

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 512.4 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 9.162 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.200 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

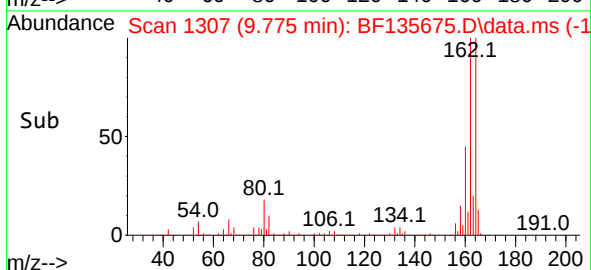
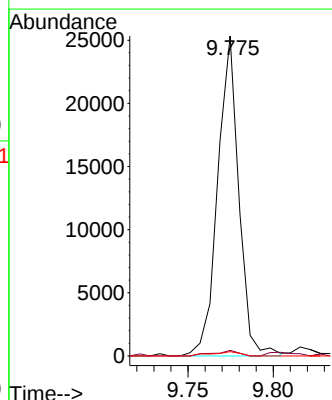
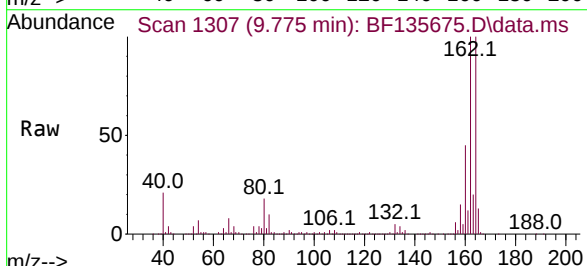
Tgt Ion:165 Resp: 21850

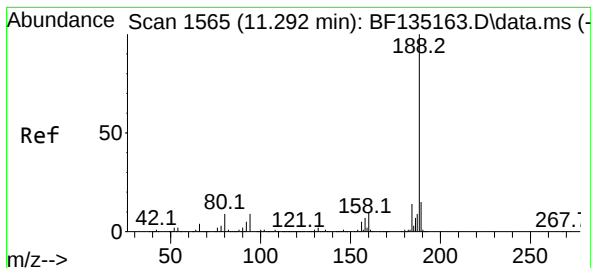
Ion Ratio Lower Upper

165 100

63 1.8 59.4 89.2#

89 1.4 49.8 74.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

Instrument :

BNA_F

ClientSampleId :

EO-01-100623

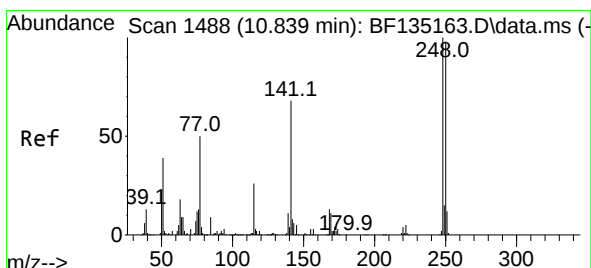
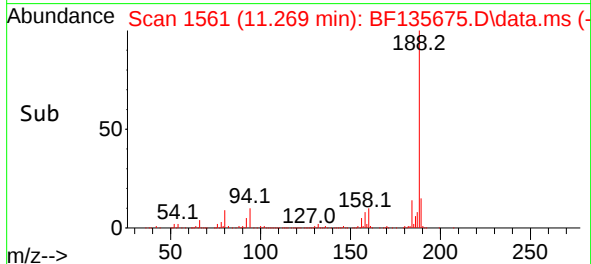
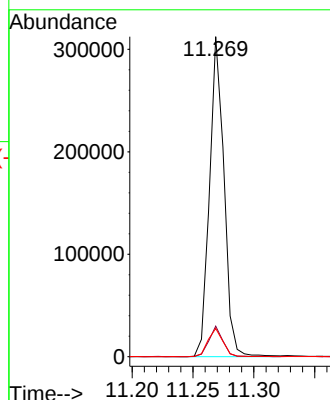
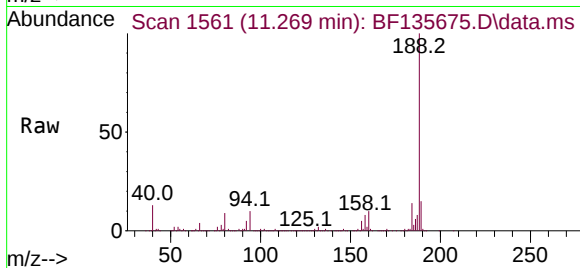
Tgt Ion:188 Resp: 258047

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 8.8 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.804 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

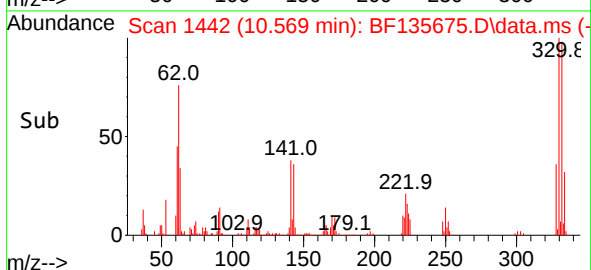
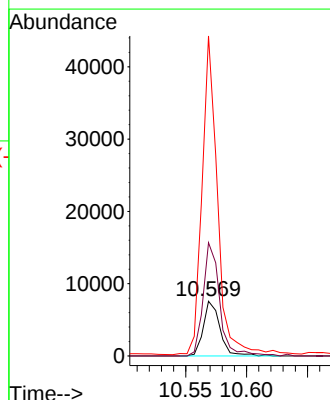
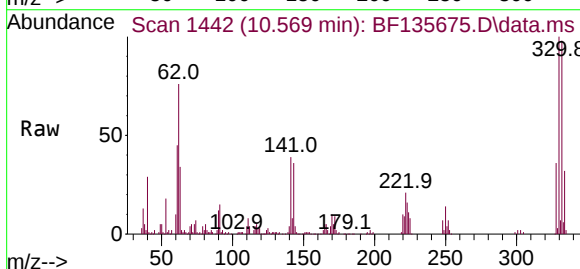
Tgt Ion:248 Resp: 7197

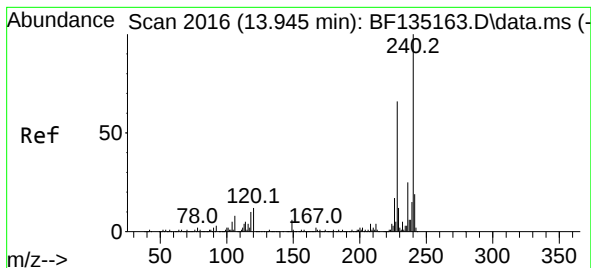
Ion Ratio Lower Upper

248 100

250 206.7 78.6 117.8#

141 583.9 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

Instrument :

BNA_F

ClientSampleId :

EO-01-100623

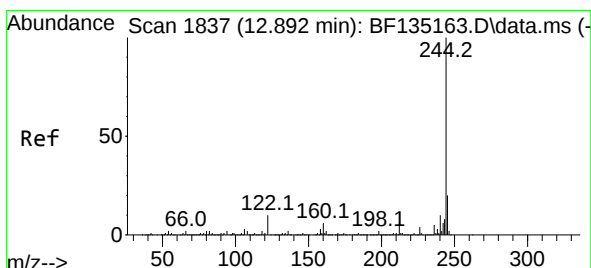
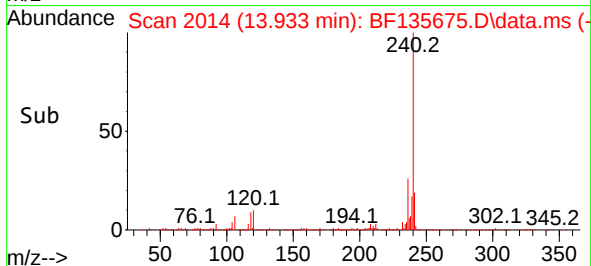
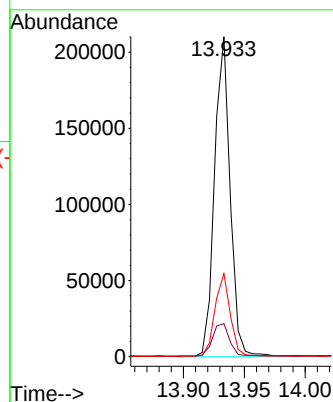
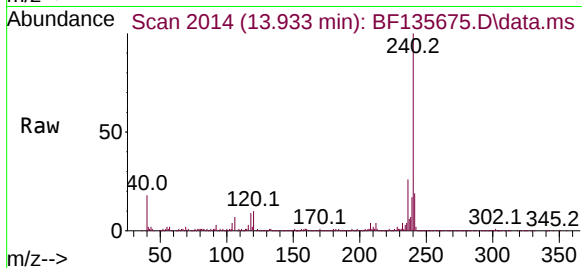
Tgt Ion:240 Resp: 186814

Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.9 19.8 29.8



#79

Terphenyl-d14

Concen: 39.467 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135675.D

Acq: 10 Oct 2023 03:48

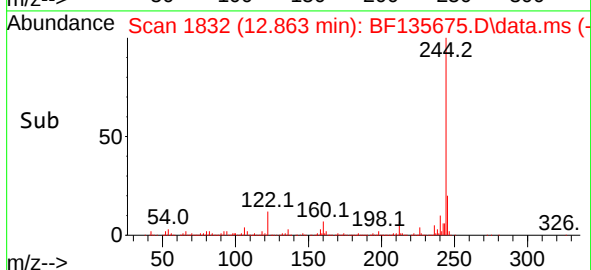
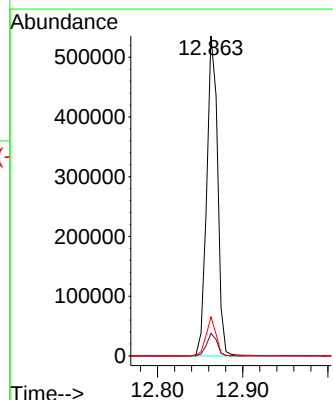
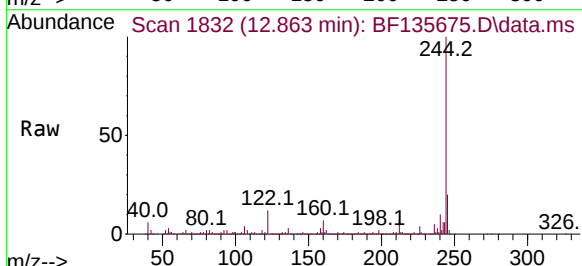
Tgt Ion:244 Resp: 475613

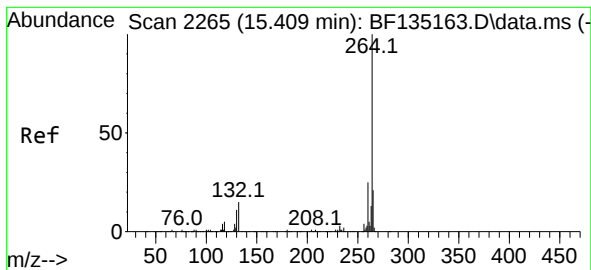
Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

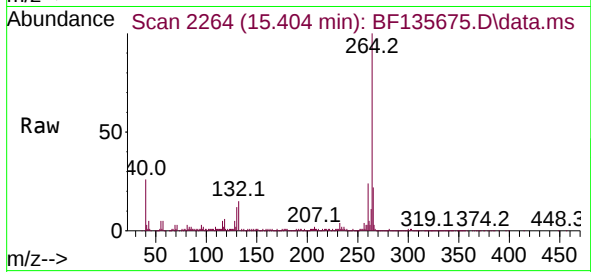
122 12.2 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF135675.D
Acq: 10 Oct 2023 03:48

Instrument :
BNA_F
ClientSampleId :
EO-01-100623



Tgt Ion:264 Resp: 168374

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	21.5	17.0	25.4

