

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135699.D
 Acq On : 10 Oct 2023 22:41
 Operator : CG\JU
 Sample : 04800-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-100623

Quant Time: Oct 11 03:05:48 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 11 02:43:17 2023
 Response via : Initial Calibration

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

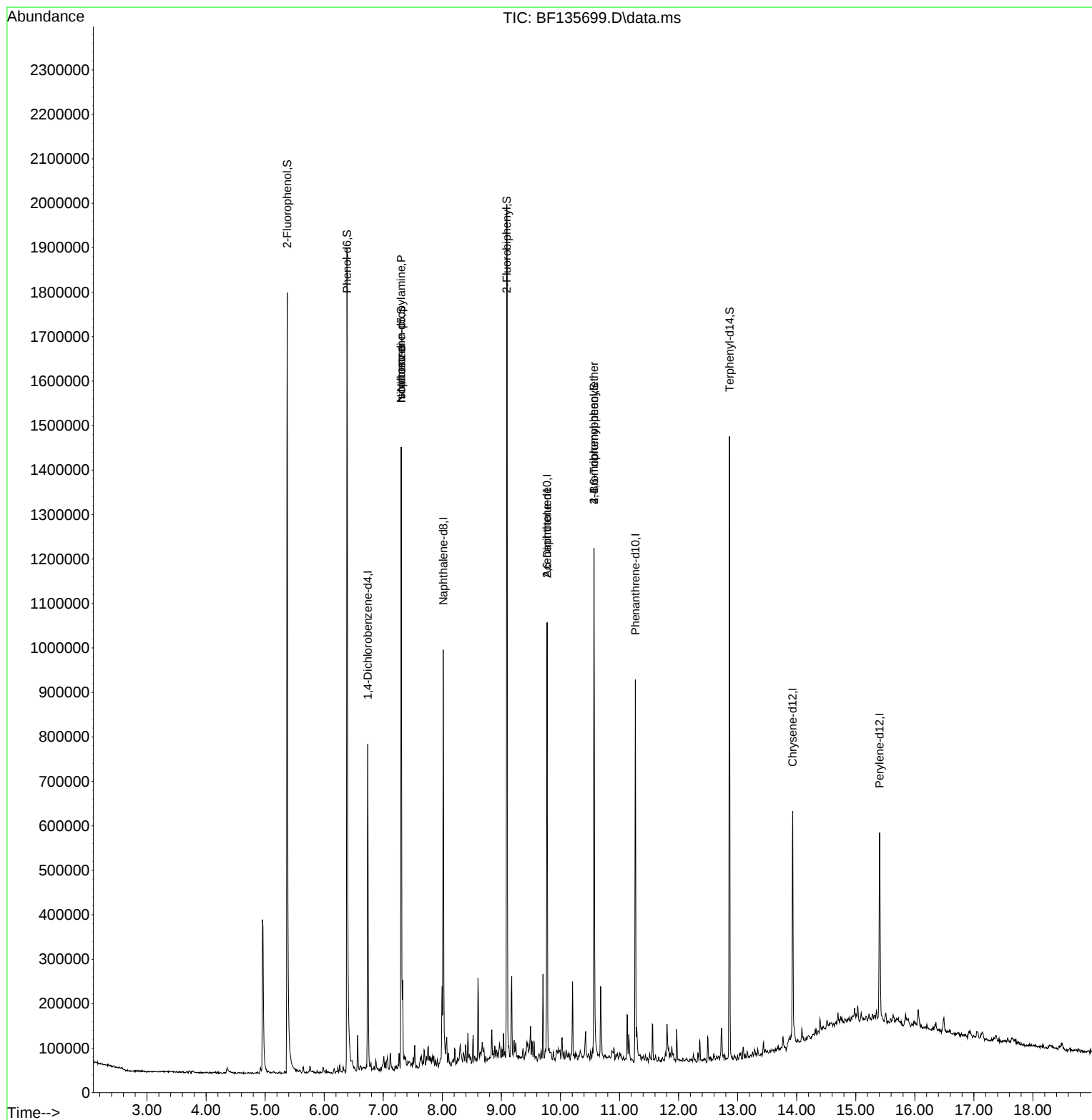
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	107611	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	396372	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	184834	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	308148	20.000	ng	0.00
76) Chrysene-d12	13.933	240	176634	20.000	ng	0.00
86) Perylene-d12	15.404	264	199642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	526628	79.595	ng	0.00
7) Phenol-d6	6.387	99	650296	77.296	ng	0.00
23) Nitrobenzene-d5	7.304	82	397663	54.506	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	136074	74.082	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	635912	51.907	ng	0.00
79) Terphenyl-d14	12.863	244	448523	39.364	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	55702	10.689	ng	Qvalue # 80
25) Isophorone	7.304	82	397085	29.640	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	24599	8.986	ng	# 17
67) 4-Bromophenyl-phenylether	10.569	248	8809	2.874	ng	# 1

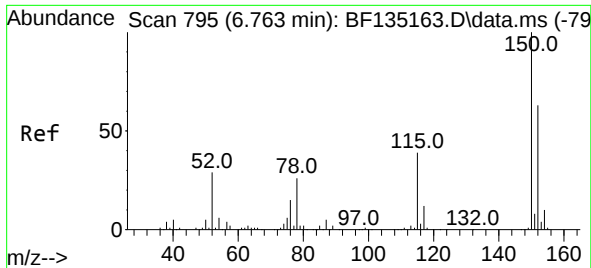
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 03:05:48 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 11 02:43:17 2023
Response via : Initial Calibration

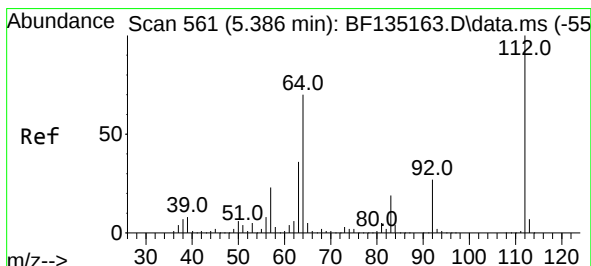
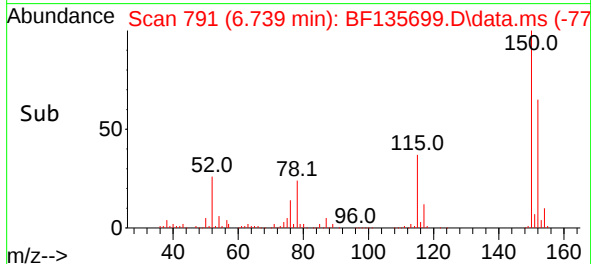
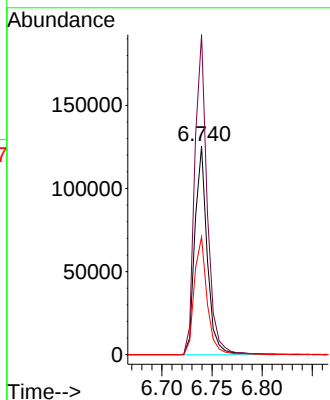
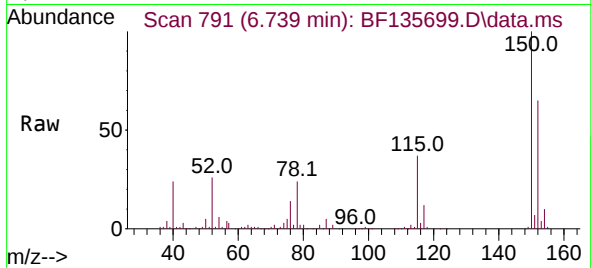




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

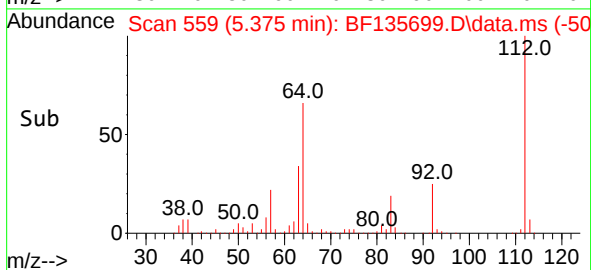
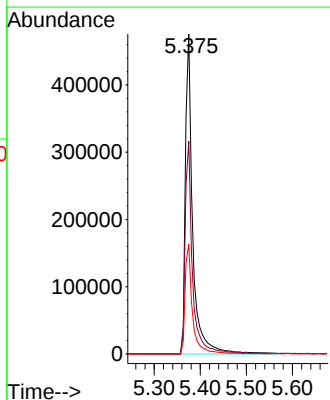
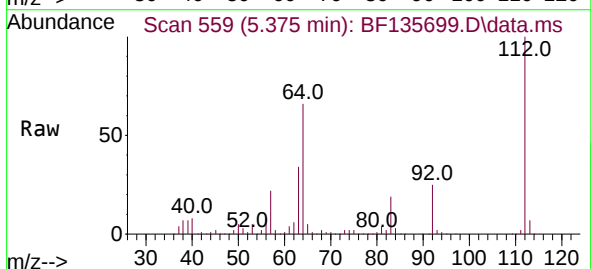
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

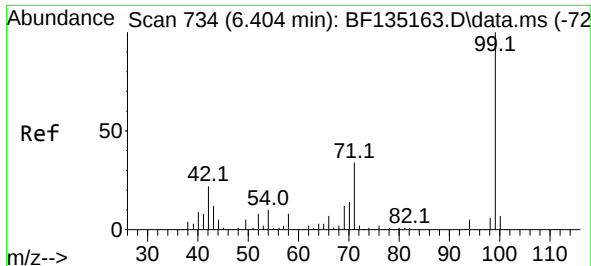
Tgt Ion:152 Resp: 107611
Ion Ratio Lower Upper
152 100
150 153.6 127.8 191.6
115 56.5 49.8 74.8



#5
2-Fluorophenol
Concen: 79.595 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

Tgt Ion:112 Resp: 526628
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.3 29.0 43.6

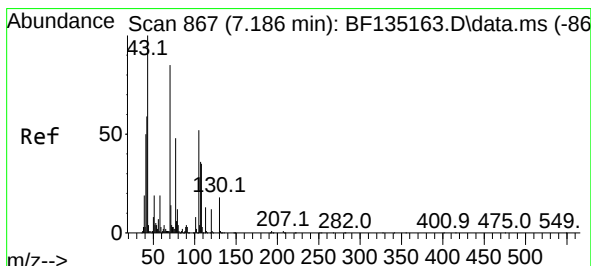
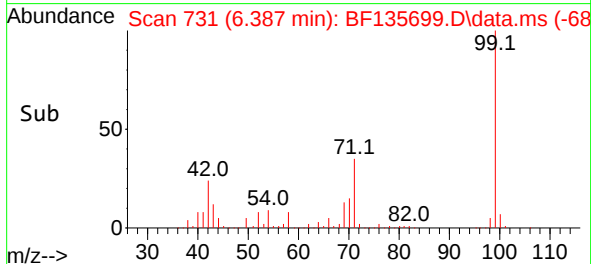
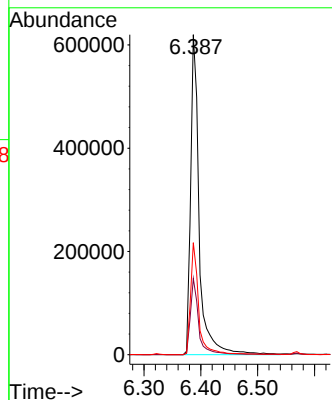
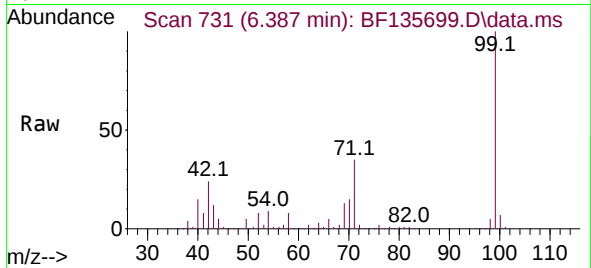




#7
Phenol-d6
Concen: 77.296 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

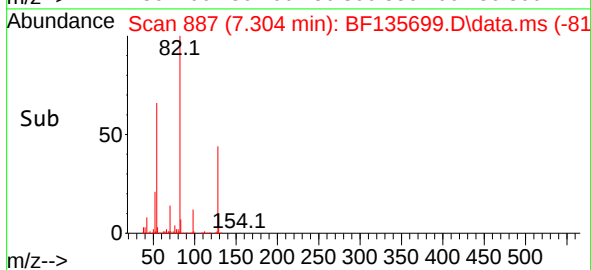
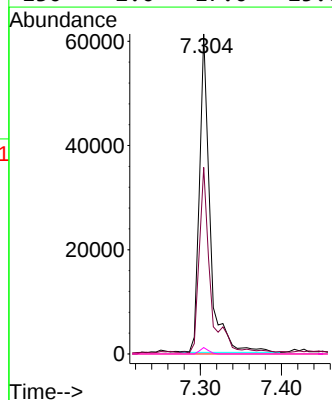
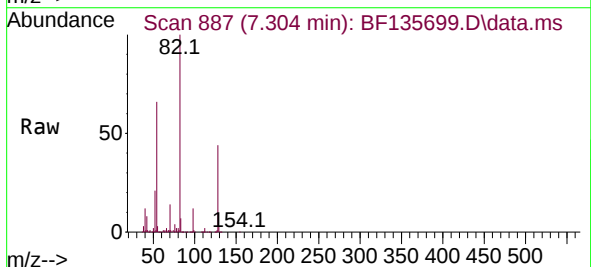
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

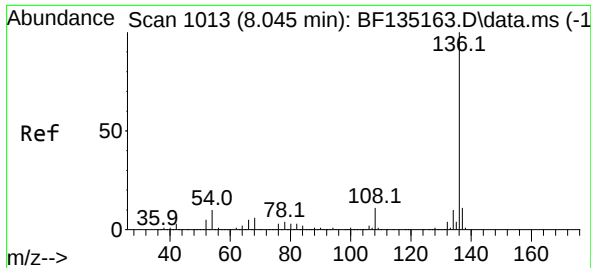
Tgt Ion: 99 Resp: 650296
Ion Ratio Lower Upper
99 100
42 23.8 17.9 26.9
71 35.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.689 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

Tgt Ion: 70 Resp: 55702
Ion Ratio Lower Upper
70 100
42 58.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

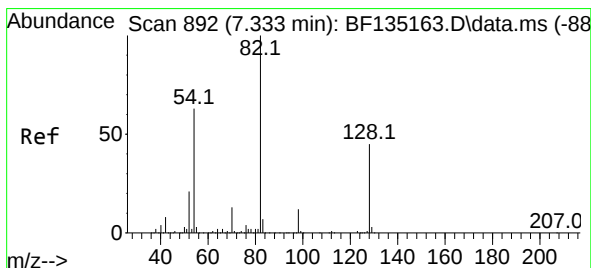
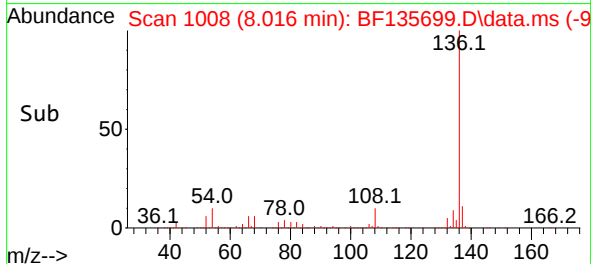
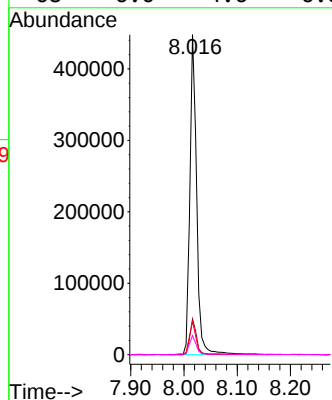
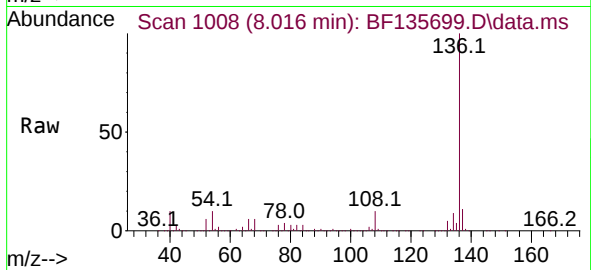




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

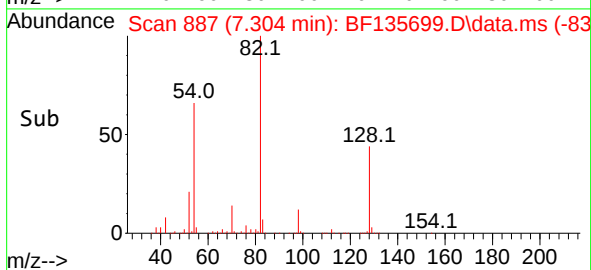
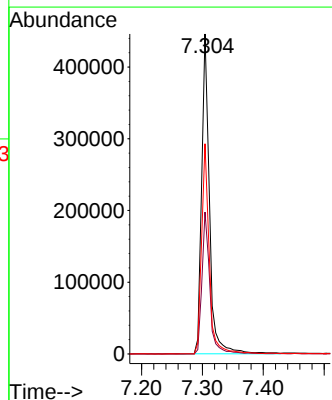
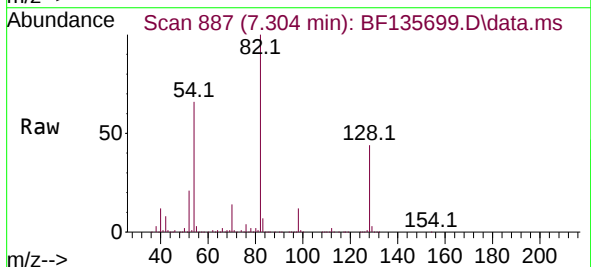
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

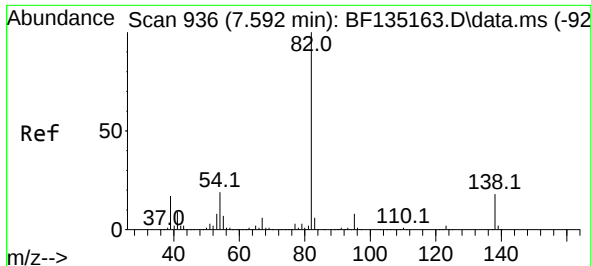
Tgt Ion:136 Resp: 396372
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.7 11.5
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 54.506 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

Tgt Ion: 82 Resp: 397663
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 65.7 50.6 76.0

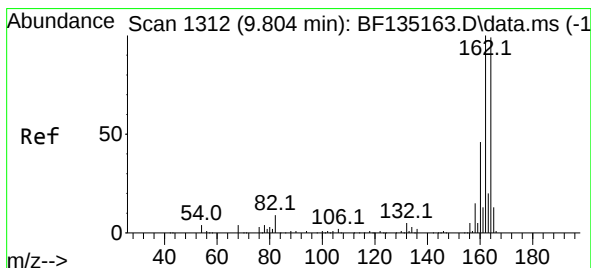
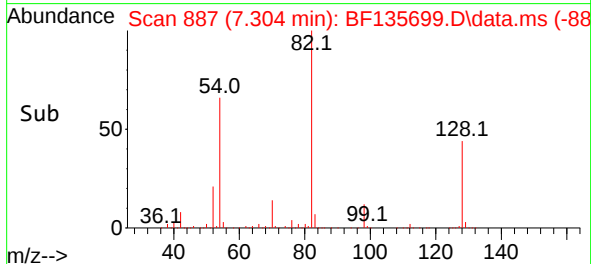
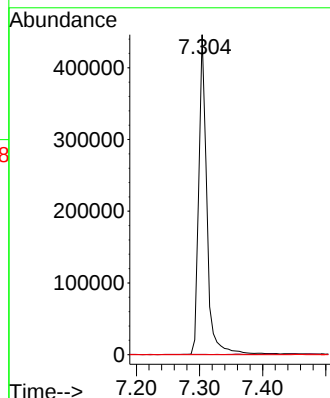
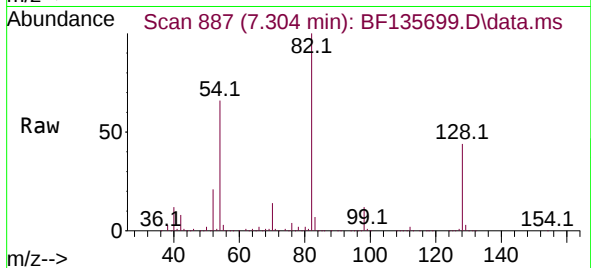




#25
Isophorone
Concen: 29.640 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

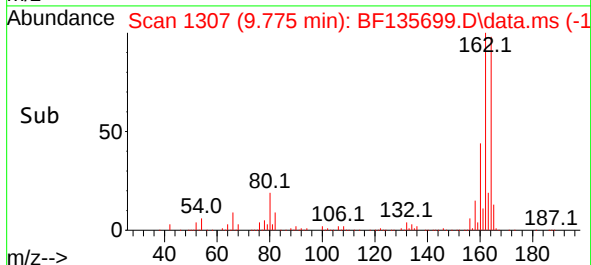
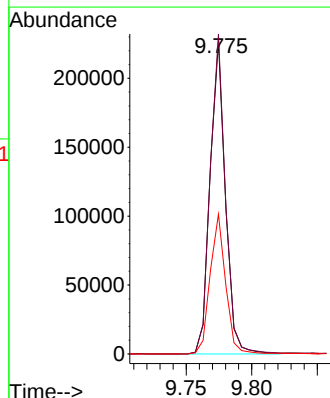
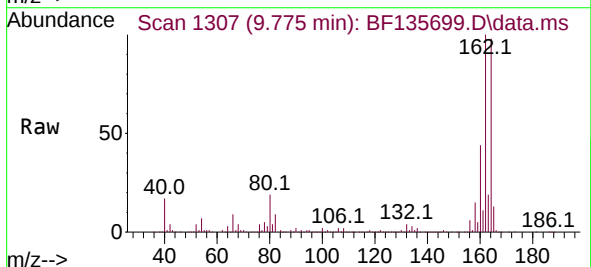
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

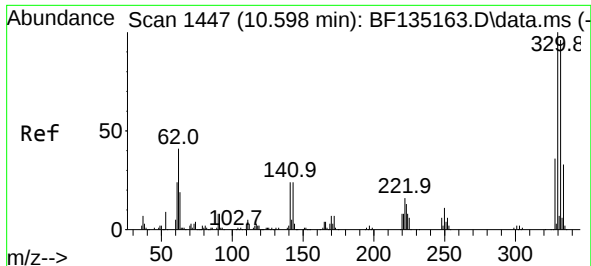
Tgt Ion: 82 Resp: 397085
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

Tgt Ion:164 Resp: 184834
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 44.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 74.082 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF135699.D

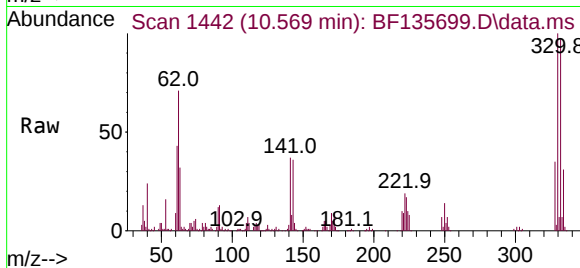
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Instrument :

BNA_F

ClientSampleId :

EO-01-100623



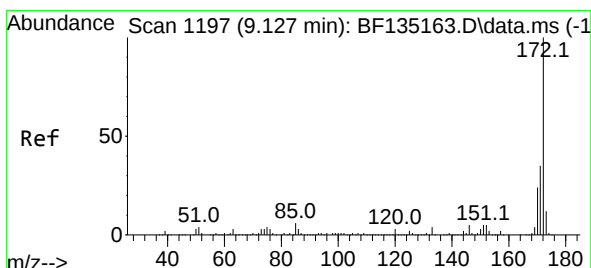
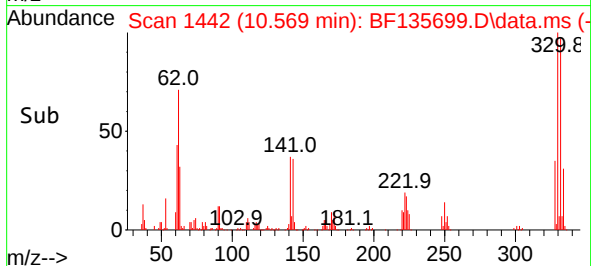
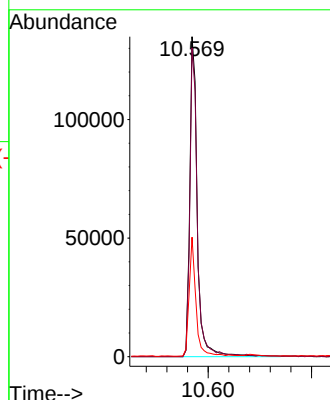
Tgt Ion:330 Resp: 136074

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 33.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 51.907 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135699.D

Acq: 10 Oct 2023 22:41

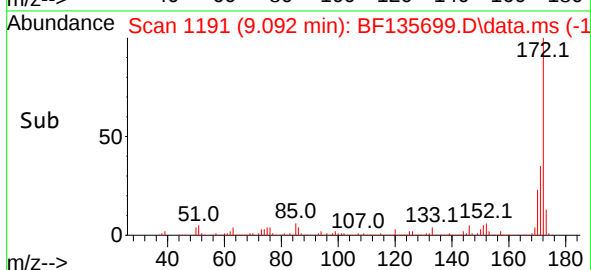
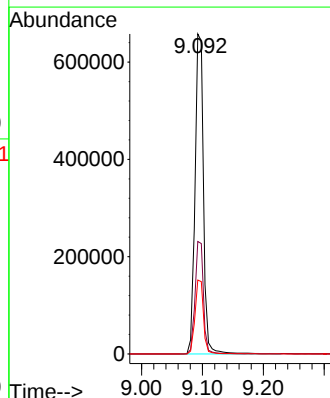
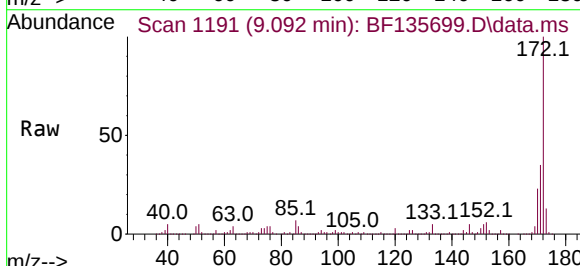
Tgt Ion:172 Resp: 635912

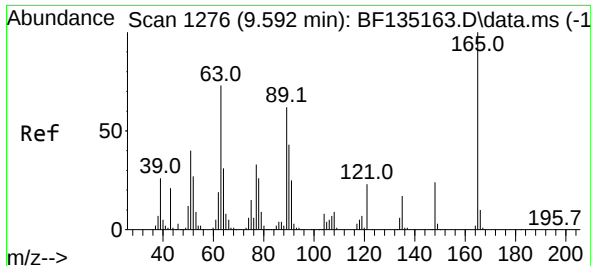
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.1 19.0 28.4

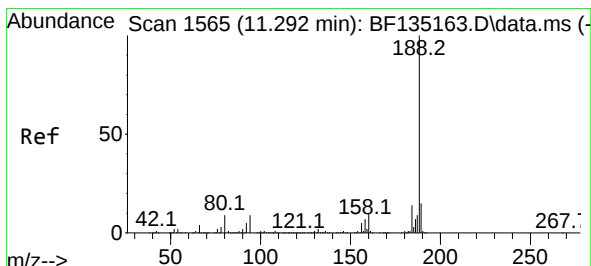
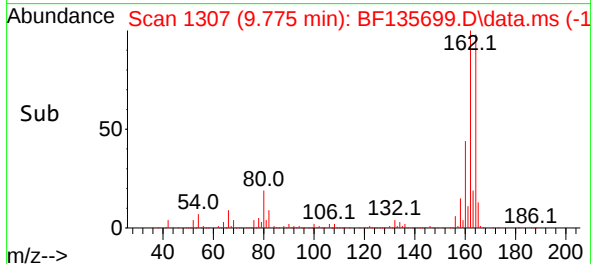
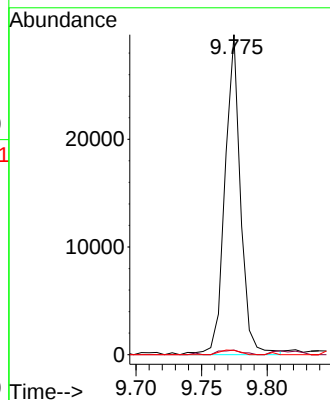
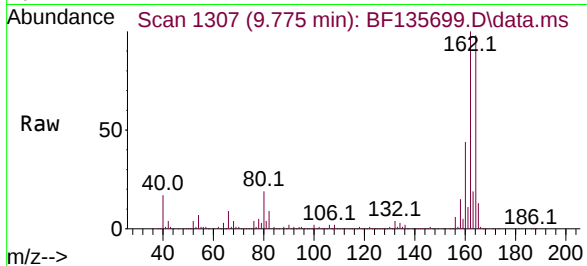




#51
2,6-Dinitrotoluene
Concen: 8.986 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

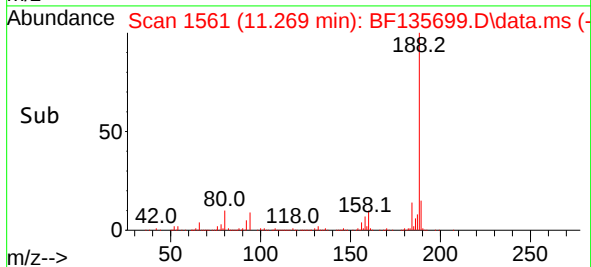
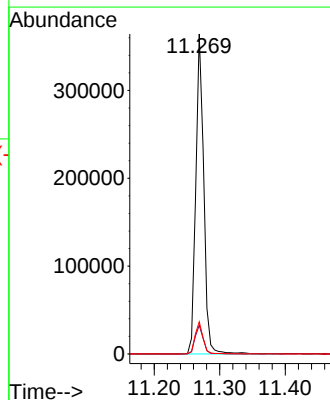
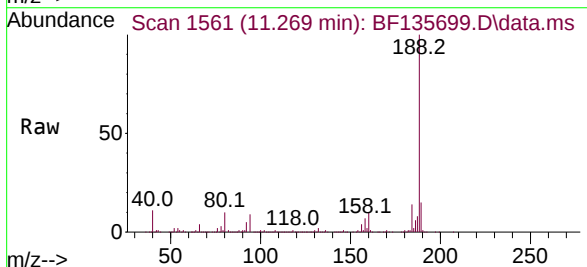
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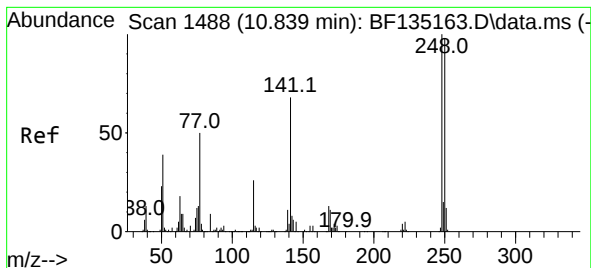
Tgt Ion:165 Resp: 24599
Ion Ratio Lower Upper
165 100
63 1.4 59.4 89.2#
89 1.4 49.8 74.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

Tgt Ion:188 Resp: 308148
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.1 7.5 11.3

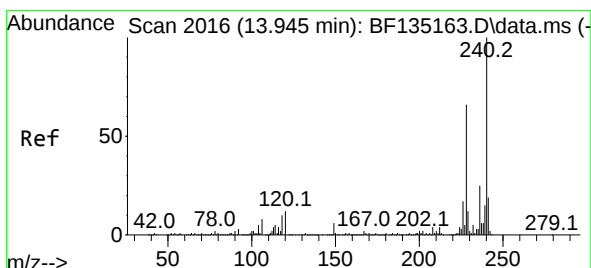
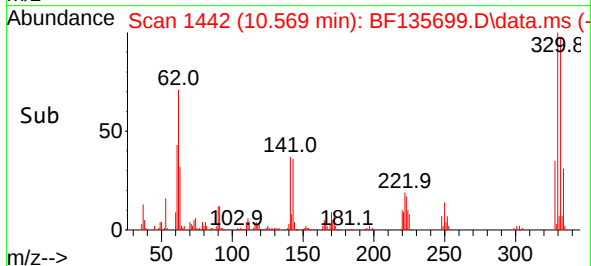
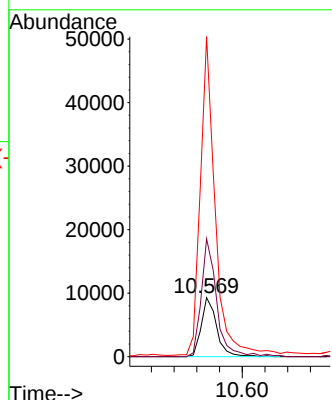
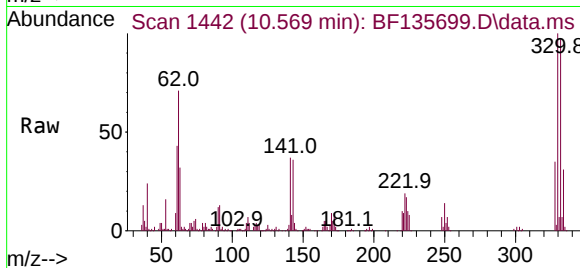




#67
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

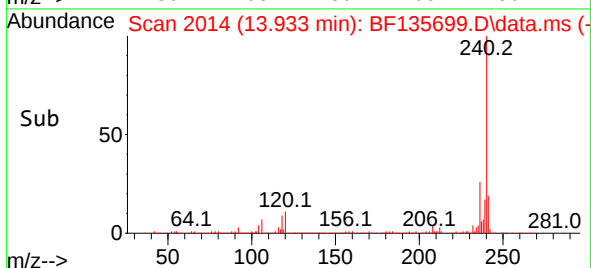
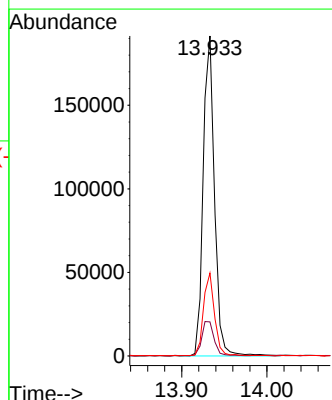
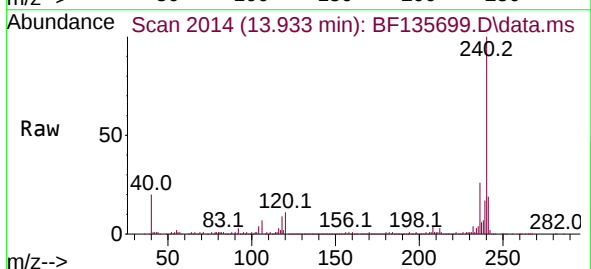
Instrument :
BNA_F
ClientSampleId :
EO-01-100623

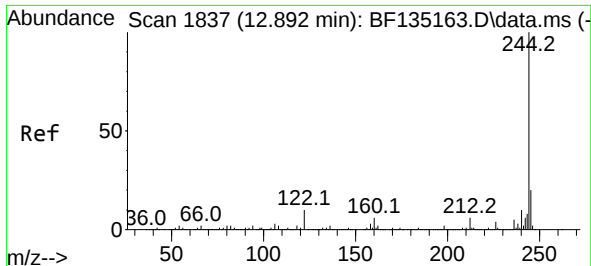
Tgt Ion:248 Resp: 8809
Ion Ratio Lower Upper
248 100
250 200.0 78.6 117.8#
141 542.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135699.D
Acq: 10 Oct 2023 22:41

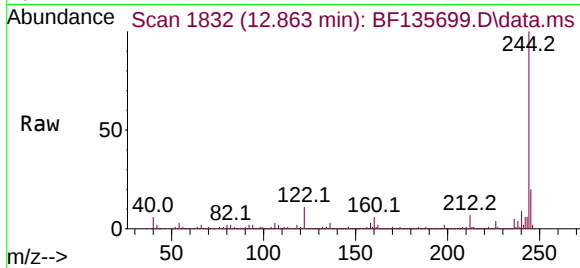
Tgt Ion:240 Resp: 176634
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 25.9 19.8 29.8



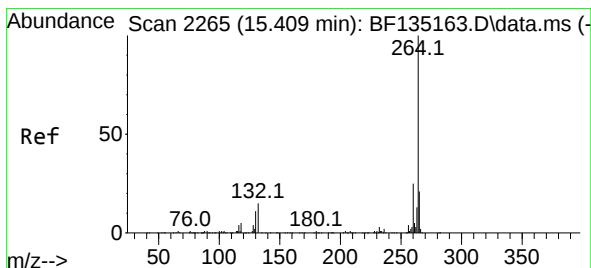
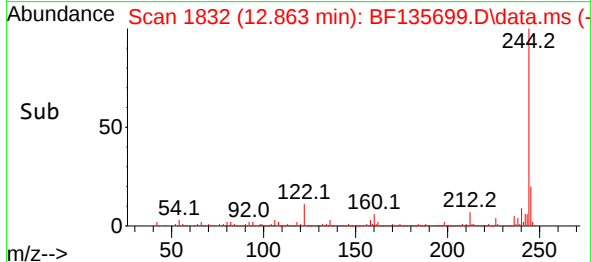
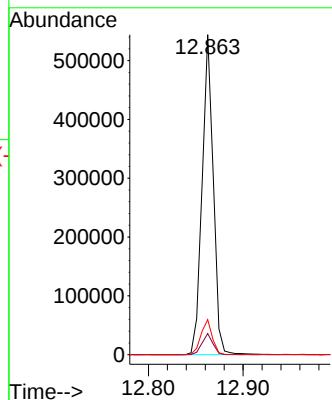


#79
 Terphenyl-d14
 Concen: 39.364 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF135699.D
 Acq: 10 Oct 2023 22:41

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-100623



Tgt Ion:244 Resp: 448523
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BF135699.D
 Acq: 10 Oct 2023 22:41

Tgt Ion:264 Resp: 199642
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.6 17.0 25.4

