

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132944.D
 Acq On : 20 Apr 2023 19:00
 Operator : CG\JU
 Sample : 02386-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-4WC-23-04

Quant Time: Apr 21 02:16:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

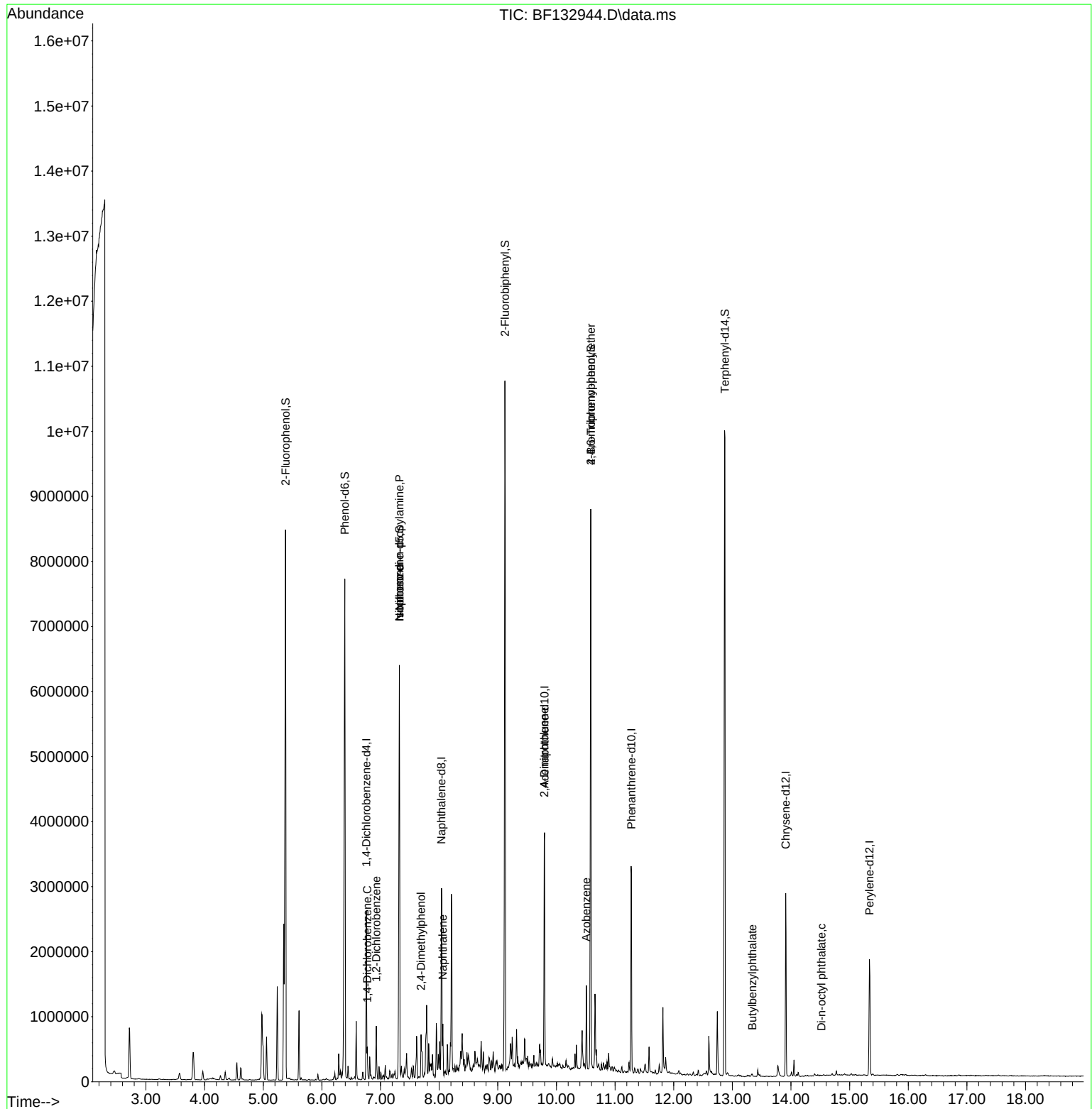
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	310219	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1296251	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	644471	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1162451	20.000	ng	0.00
76) Chrysene-d12	13.910	240	848939	20.000	ng	0.00
86) Perylene-d12	15.339	264	725697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2536533	127.855	ng	0.02
7) Phenol-d6	6.392	99	3054579	120.660	ng	0.00
23) Nitrobenzene-d5	7.322	82	2158608	86.802	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1019047	157.648	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3556730	84.782	ng	0.00
79) Terphenyl-d14	12.874	244	4138315	83.166	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.775	146	90051	4.062	ng	97
14) 1,2-Dichlorobenzene	6.928	146	142810	6.900	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	290344	18.374	ng	# 81
25) Isophorone	7.322	82	2152324	45.629	ng	# 65
27) 2,4-Dimethylphenol	7.692	122	140043	7.140	ng	98
31) Naphthalene	8.063	128	268283	4.096	ng	98
57) 2,4-Dinitrotoluene	9.792	165	85023	7.052	ng	# 31
63) Azobenzene	10.510	77	219399	4.717	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	60147	4.531	ng	# 1
80) Butylbenzylphthalate	13.339	149	5761	5.441	ng	93
85) Di-n-octyl phthalate	14.521	149	2925	6.436	ng	# 22

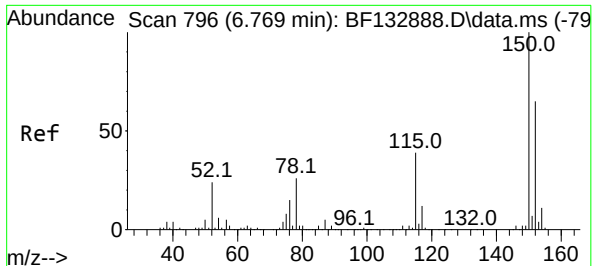
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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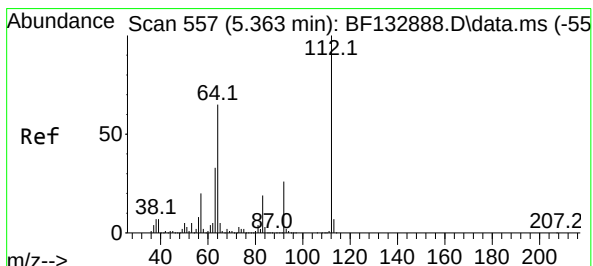
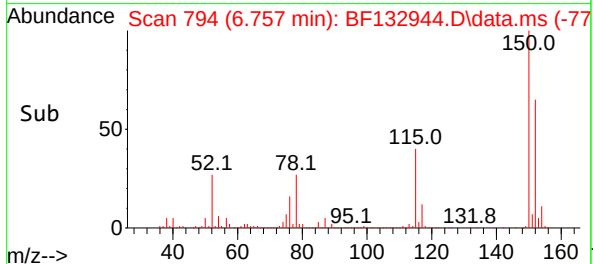
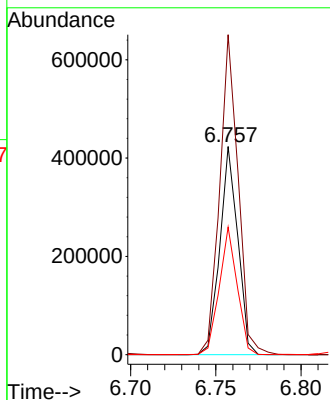
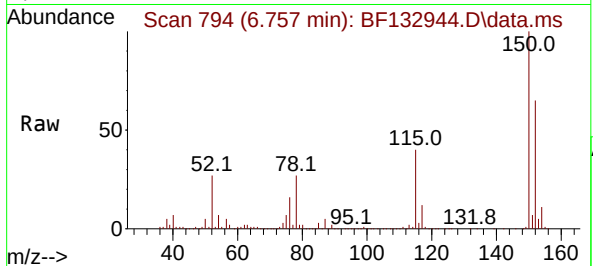




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

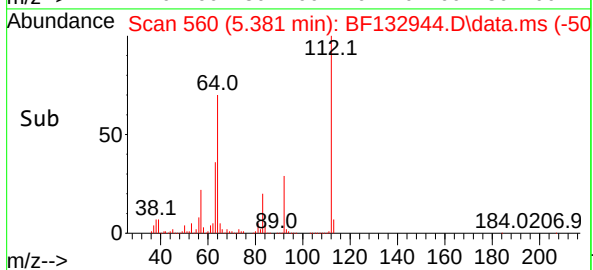
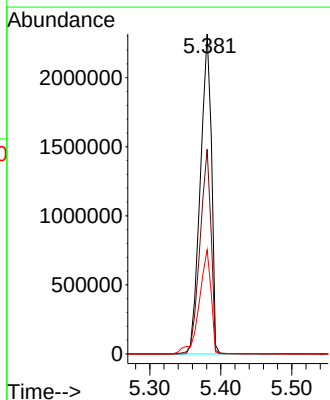
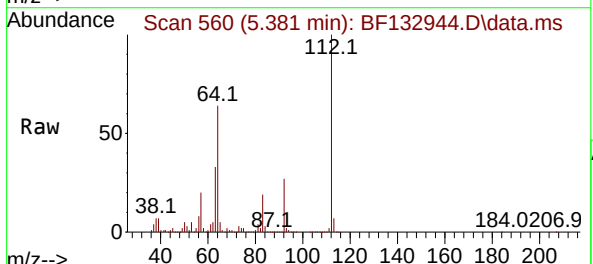
Instrument :
BNA_F
ClientSampleId :
SPA-4WC-23-04

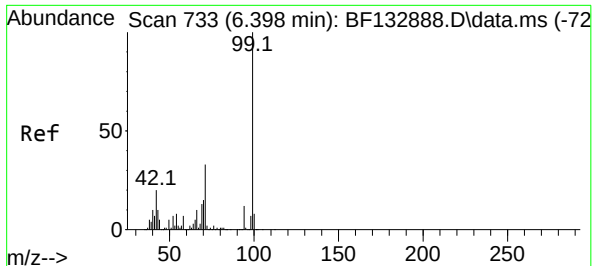
Tgt Ion:152 Resp: 310219
Ion Ratio Lower Upper
152 100
150 153.7 122.8 184.2
115 61.3 47.3 70.9



#5
2-Fluorophenol
Concen: 127.855 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion:112 Resp: 2536533
Ion Ratio Lower Upper
112 100
64 63.9 51.8 77.8
63 32.6 26.3 39.5

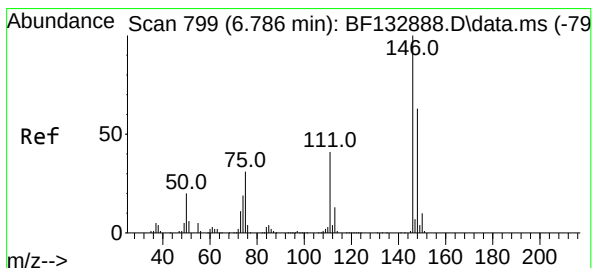
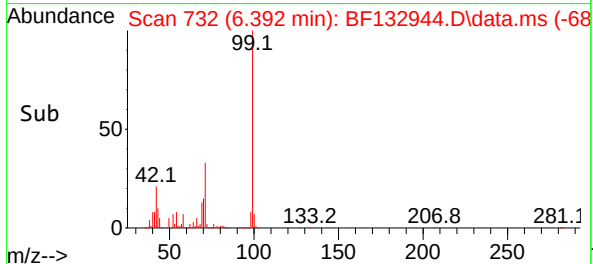
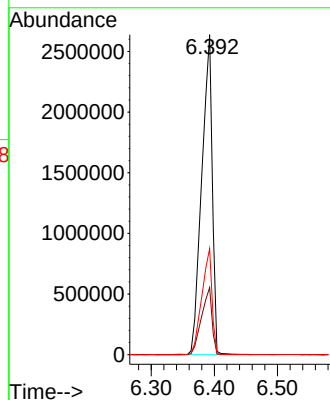
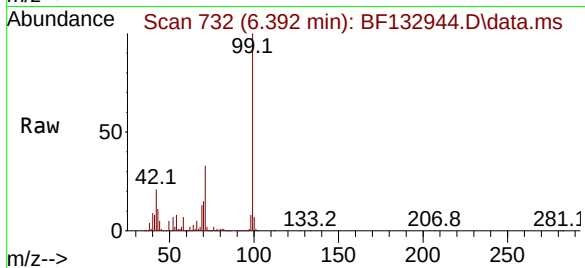




#7
Phenol-d6
Concen: 120.660 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

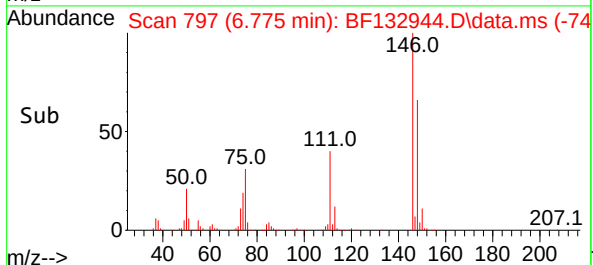
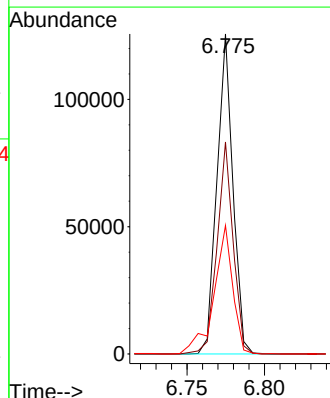
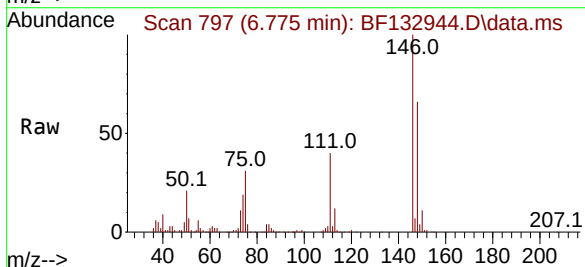
Instrument :
BNA_F
ClientSampleId :
SPA-4WC-23-04

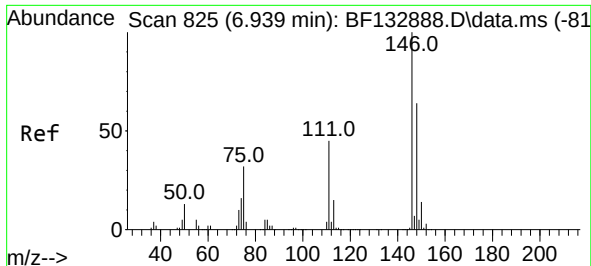
Tgt Ion: 99 Resp: 3054579
Ion Ratio Lower Upper
99 100
42 20.9 16.1 24.1
71 33.1 26.1 39.1



#13
1,4-Dichlorobenzene
Concen: 4.062 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion: 146 Resp: 90051
Ion Ratio Lower Upper
146 100
148 66.2 50.7 76.1
111 40.1 32.5 48.7

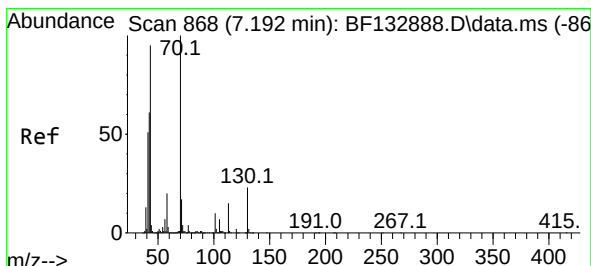
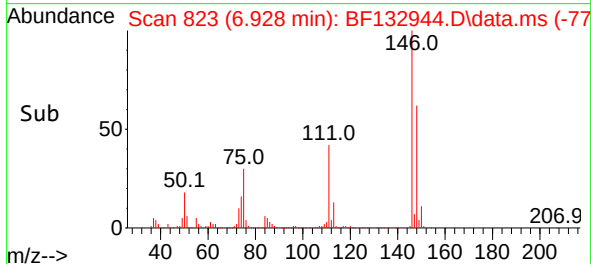
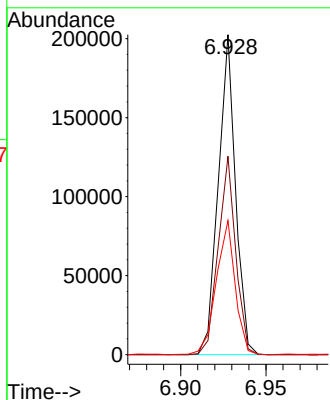
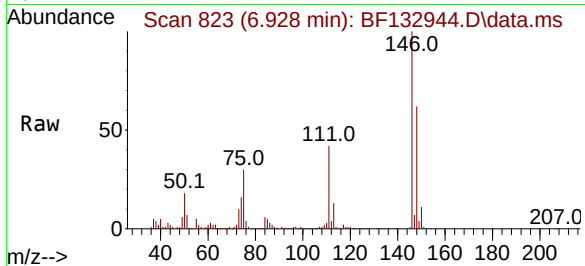




#14
1,2-Dichlorobenzene
Concen: 6.900 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

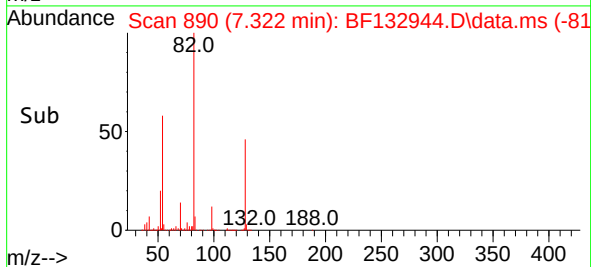
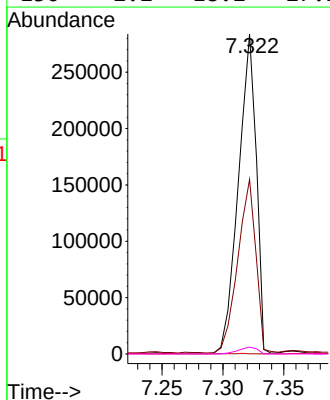
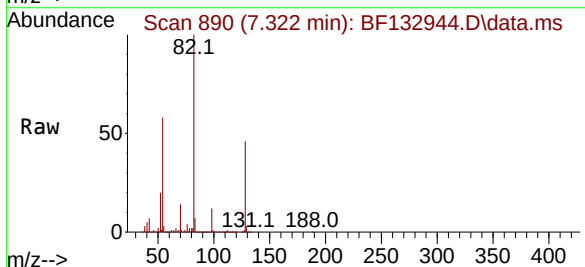
Instrument :
BNA_F
ClientSampleId :
SPA-4WC-23-04

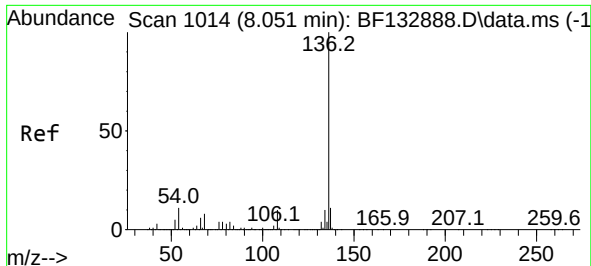
Tgt Ion:146 Resp: 142810
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
111 41.9 36.0 54.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.374 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion: 70 Resp: 290344
Ion Ratio Lower Upper
70 100
42 54.6 49.0 73.6
101 0.1 8.1 12.1#
130 2.2 18.2 27.2#



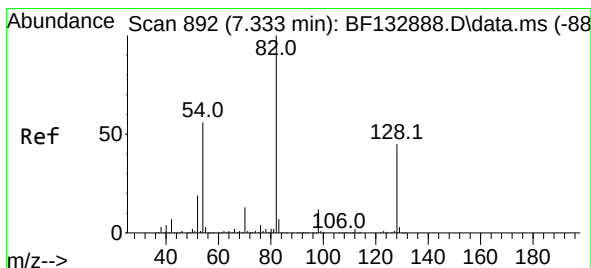
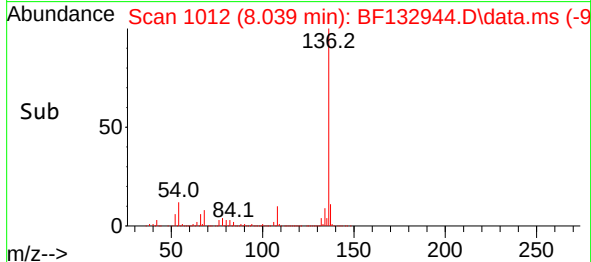
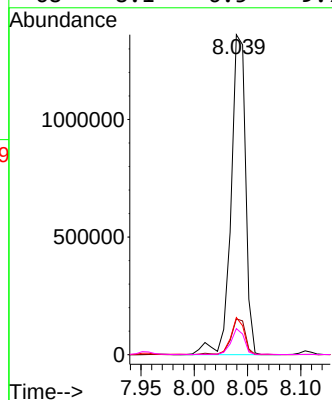
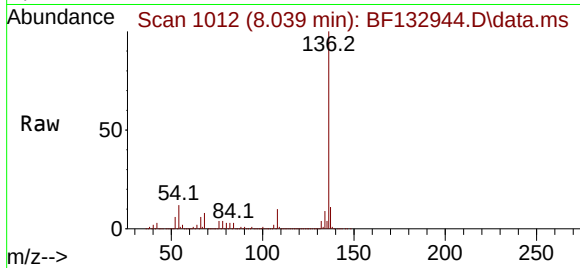


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Instrument :
BNA_F
ClientSampleId :
SPA-4WC-23-04

Tgt Ion:136 Resp: 1296251

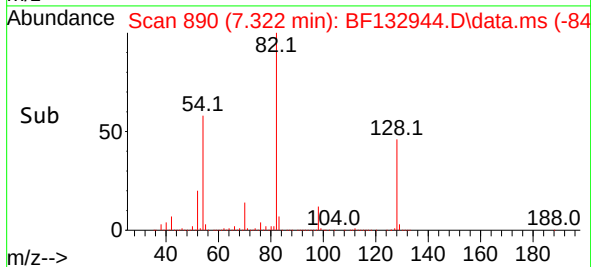
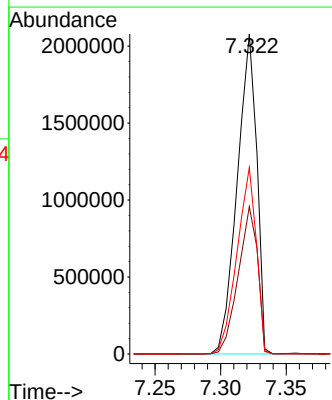
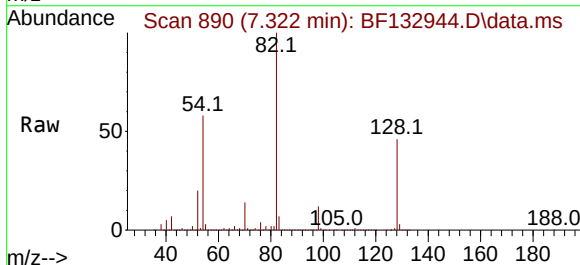
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	11.6	8.9	13.3
68	8.1	6.5	9.7

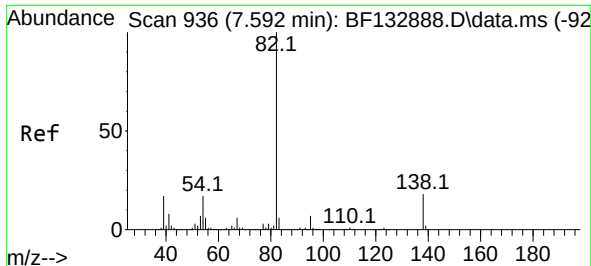


#23
Nitrobenzene-d5
Concen: 86.802 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion: 82 Resp: 2158608

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	58.2	44.7	67.1

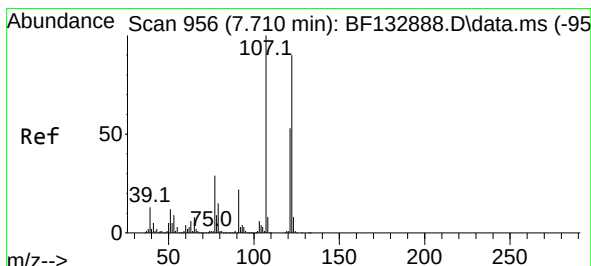
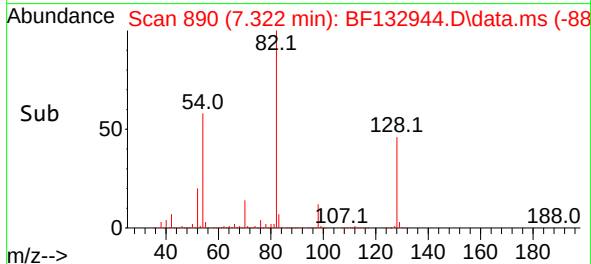
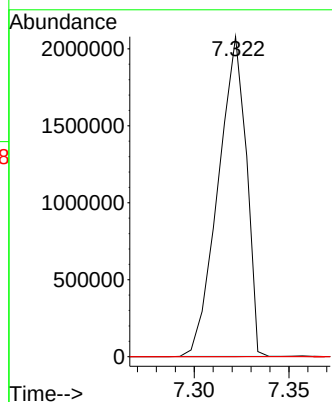
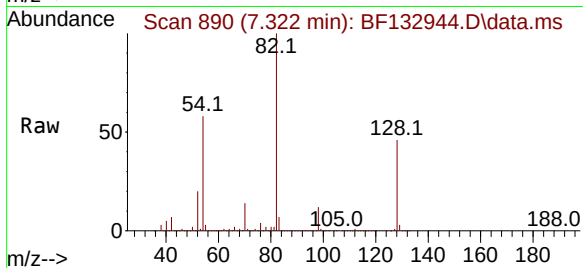




#25
Isophorone
Concen: 45.629 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

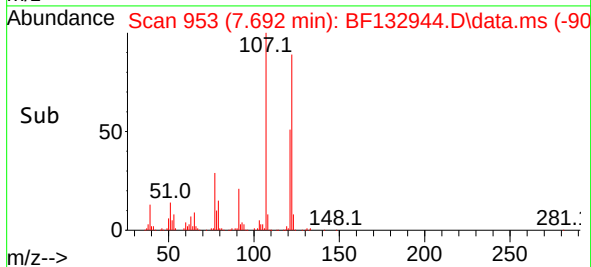
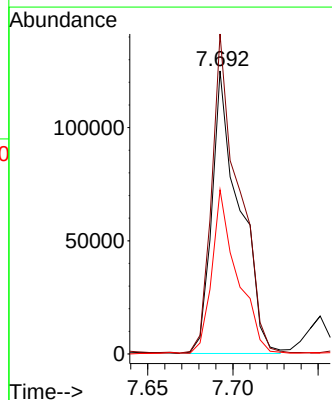
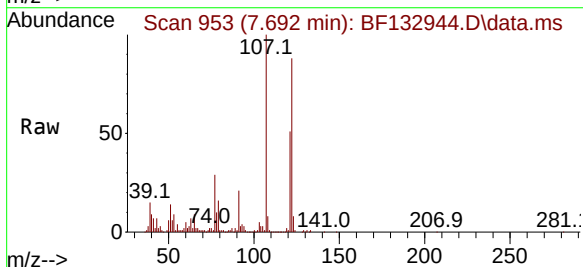
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ClientSampleId :
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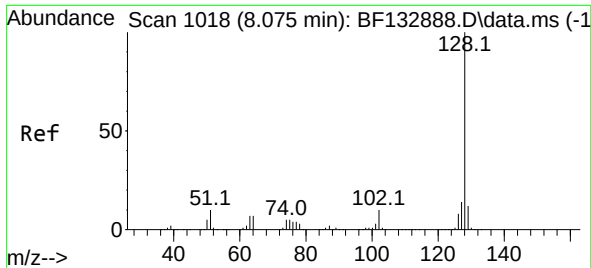
Tgt Ion: 82 Resp: 2152324
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 7.140 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion:122 Resp: 140043
Ion Ratio Lower Upper
122 100
107 113.1 88.5 132.7
121 58.0 47.2 70.8

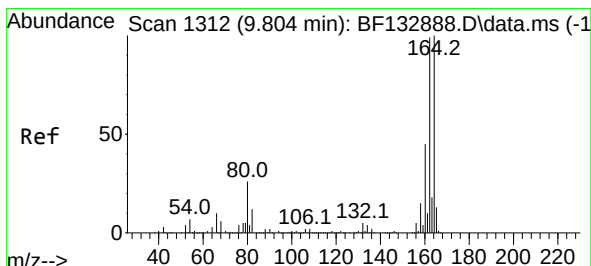
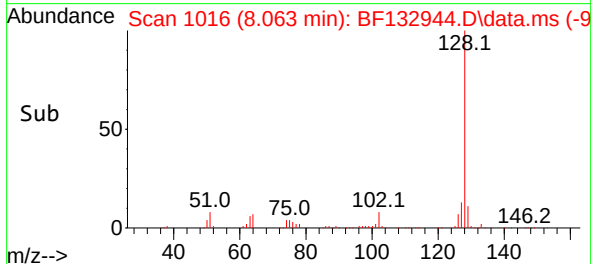
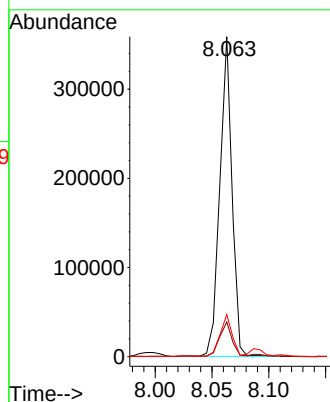
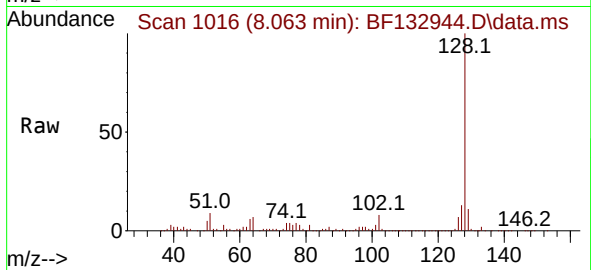




#31
Naphthalene
Concen: 4.096 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

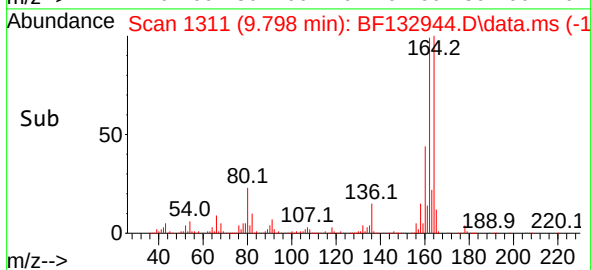
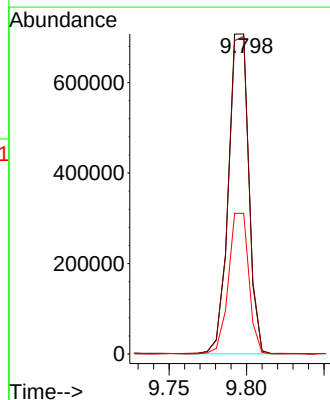
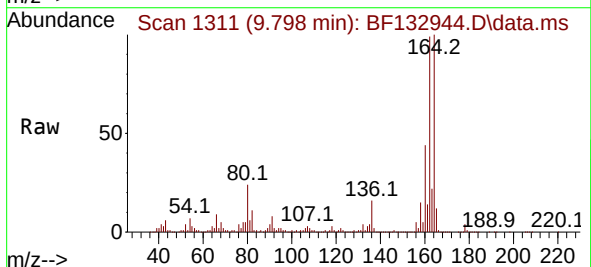
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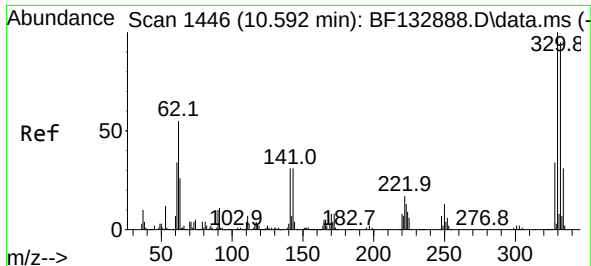
Tgt Ion:128 Resp: 268283
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.1 11.0 16.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion:164 Resp: 644471
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 43.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 157.648 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132944.D

Acq: 20 Apr 2023 19:00

Instrument :

BNA_F

ClientSampleId :

SPA-4WC-23-04

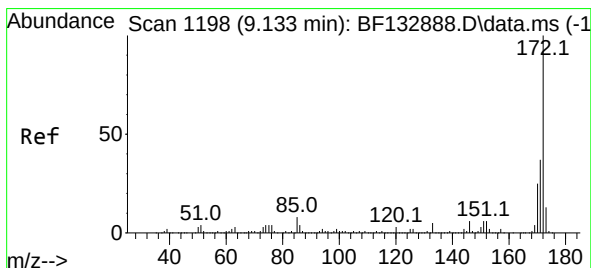
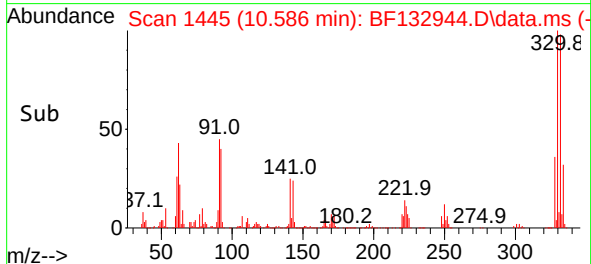
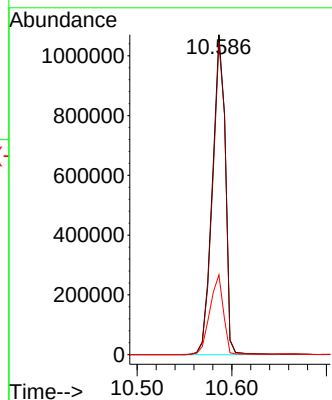
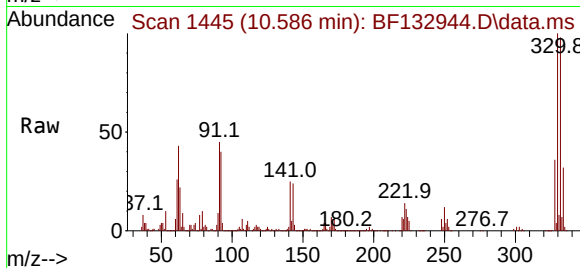
Tgt Ion:330 Resp: 1019047

Ion Ratio Lower Upper

330 100

332 97.5 76.3 114.5

141 26.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 84.782 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132944.D

Acq: 20 Apr 2023 19:00

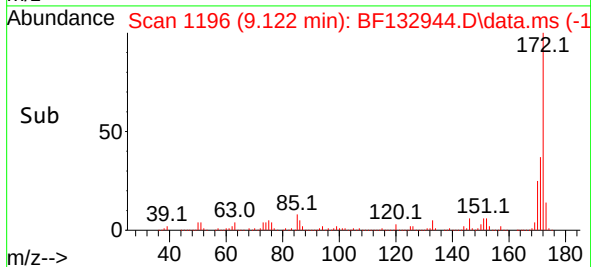
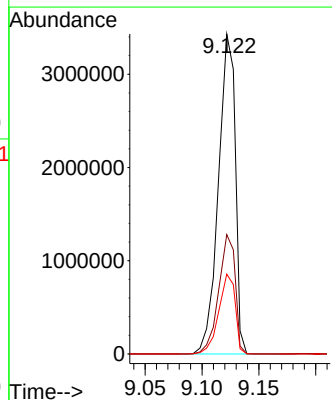
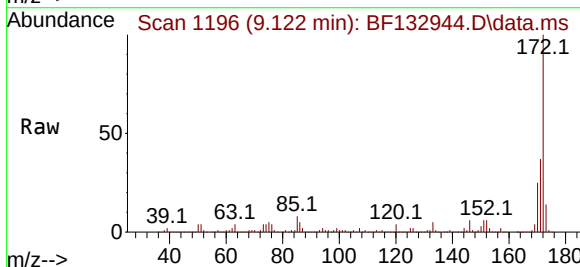
Tgt Ion:172 Resp: 3556730

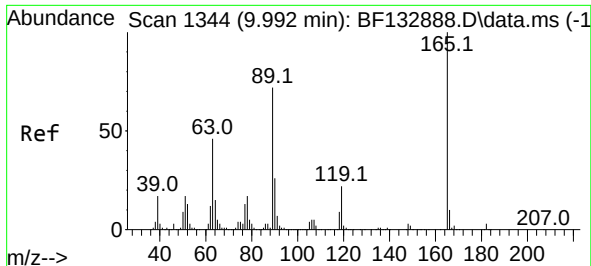
Ion Ratio Lower Upper

172 100

171 37.3 29.4 44.0

170 25.0 20.1 30.1





#57

2,4-Dinitrotoluene

Concen: 7.052 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF132944.D

Acq: 20 Apr 2023 19:00

Instrument :

BNA_F

ClientSampleId :

SPA-4WC-23-04

Tgt Ion:165 Resp: 85023

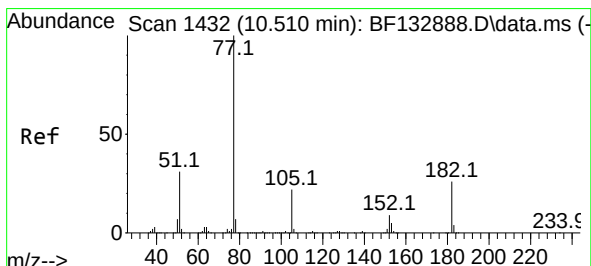
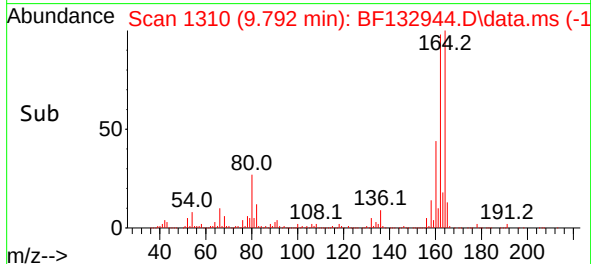
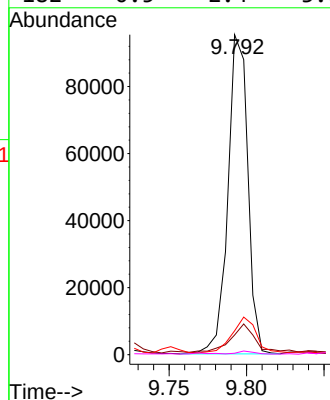
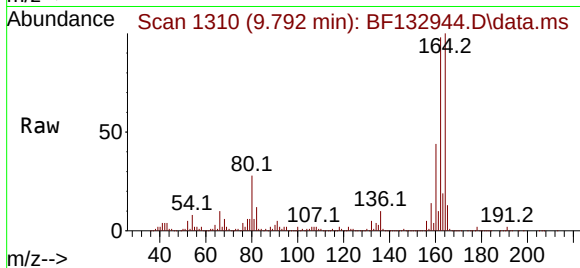
Ion Ratio Lower Upper

165 100

63 6.1 37.0 55.6#

89 7.4 57.8 86.6#

182 0.5 2.4 3.6#



#63

Azobenzene

Concen: 4.717 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.012 min

Lab File: BF132944.D

Acq: 20 Apr 2023 19:00

Tgt Ion: 77 Resp: 219399

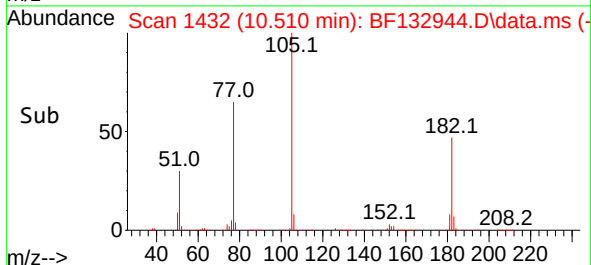
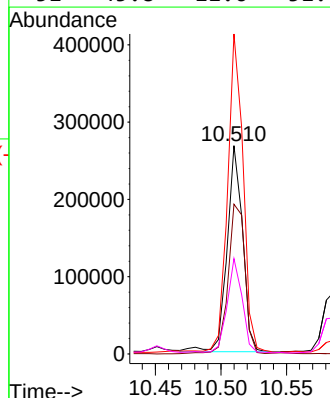
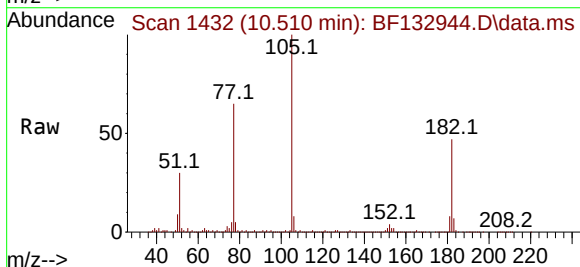
Ion Ratio Lower Upper

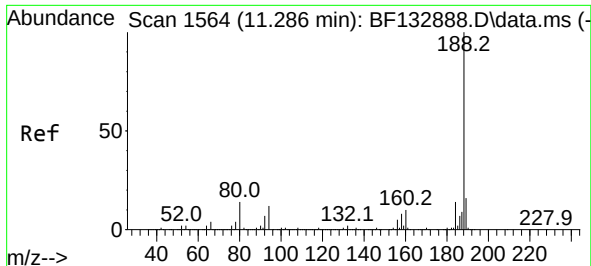
77 100

182 71.9 6.0 46.0#

105 153.6 1.6 41.6#

51 45.8 11.6 51.6

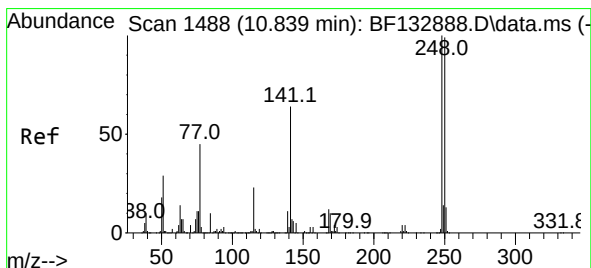
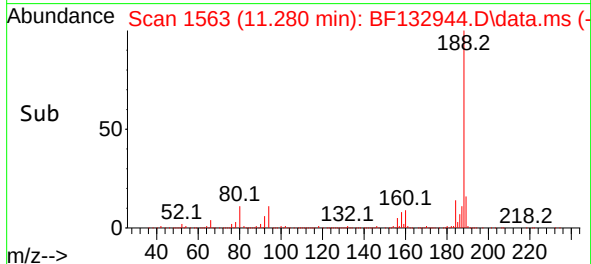
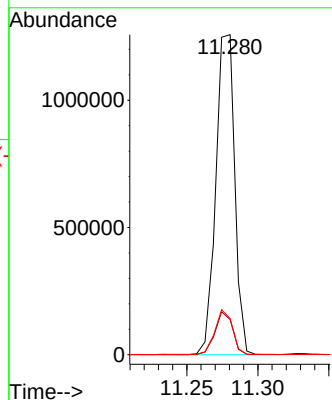
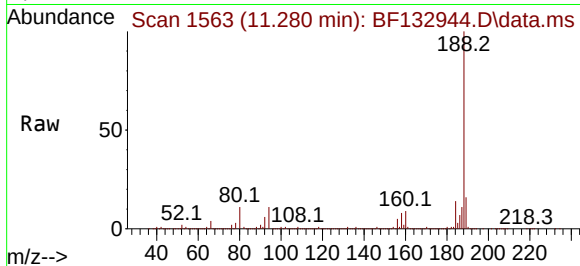




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

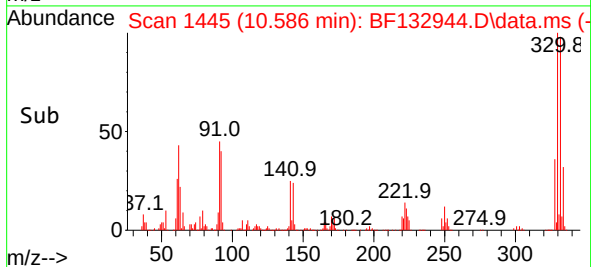
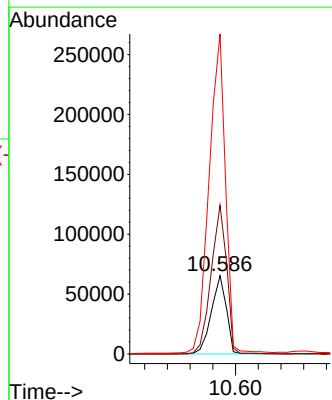
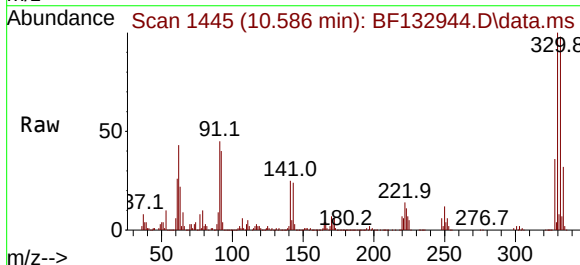
Instrument :
BNA_F
ClientSampleId :
SPA-4WC-23-04

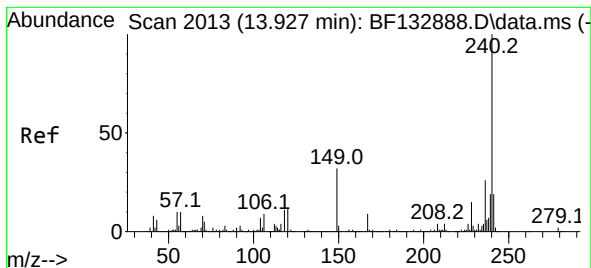
Tgt Ion:188 Resp: 1162451
Ion Ratio Lower Upper
188 100
94 11.0 9.9 14.9
80 11.3 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 4.531 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.241 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion:248 Resp: 60147
Ion Ratio Lower Upper
248 100
250 189.9 79.1 118.7#
141 408.7 51.0 76.6#

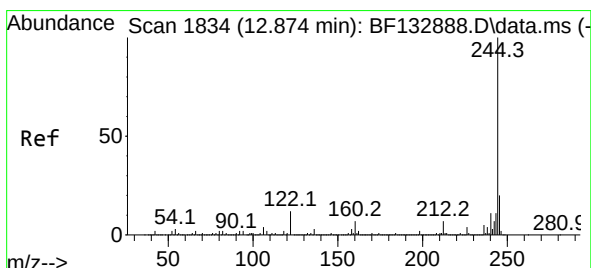
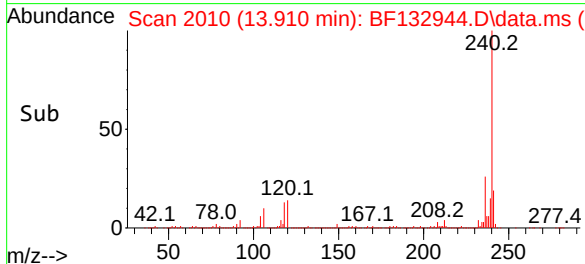
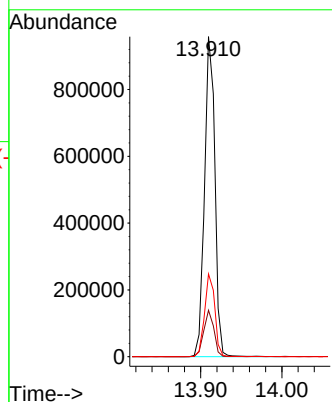
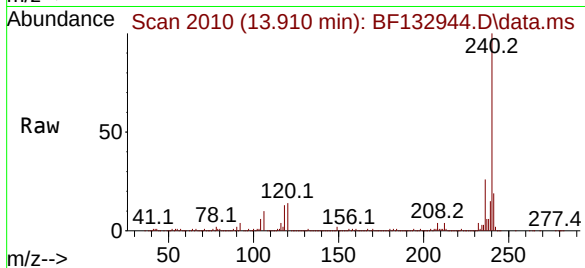




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

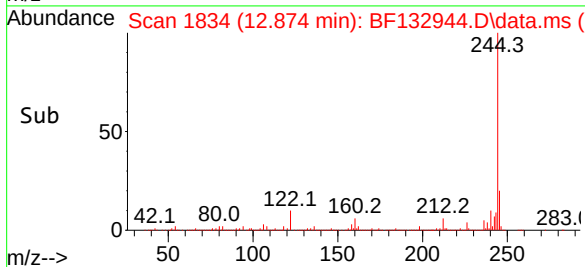
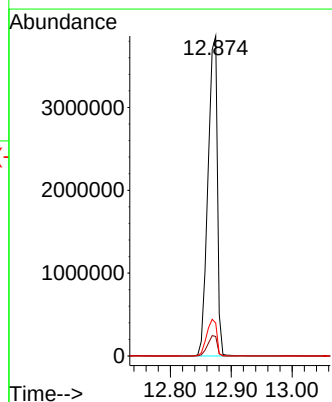
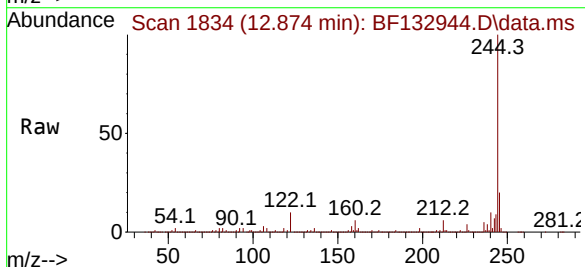
Instrument :
BNA_F
ClientSampleId :
SPA-4WC-23-04

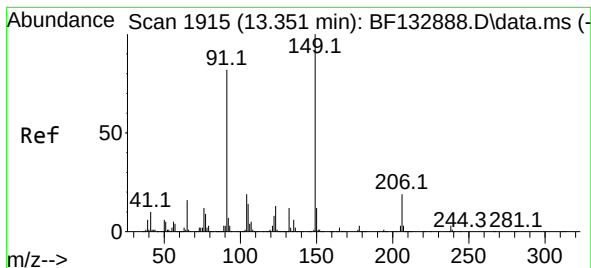
Tgt Ion:240 Resp: 848939
Ion Ratio Lower Upper
240 100
120 14.5 10.0 15.0
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 83.166 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Tgt Ion:244 Resp: 4138315
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 10.3 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.441 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.006 min

Lab File: BF132944.D

Acq: 20 Apr 2023 19:00

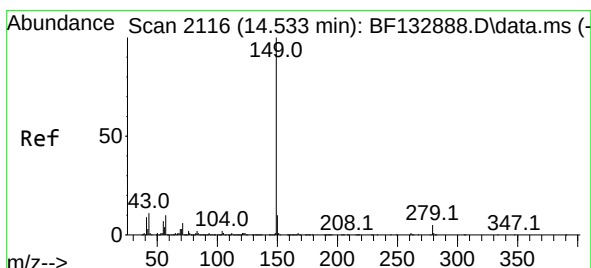
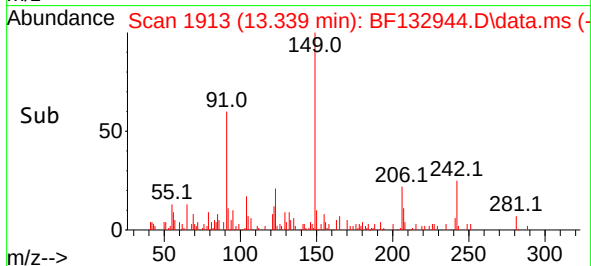
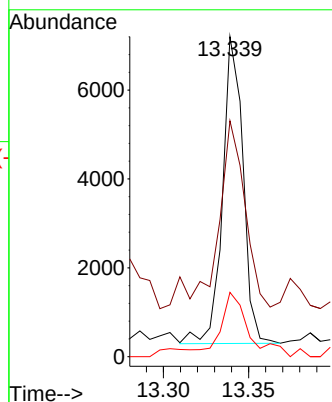
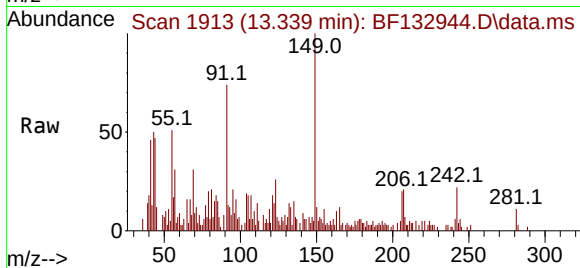
Instrument :

BNA_F

ClientSampleId :

SPA-4WC-23-04

Tgt Ion:	149	Resp:	5761
Ion Ratio	Lower	Upper	
149	100		
91	73.7	65.4	98.0
206	20.1	15.6	23.4



#85

Di-n-octyl phthalate

Concen: 6.436 ng

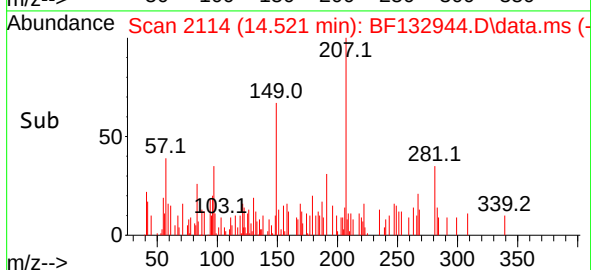
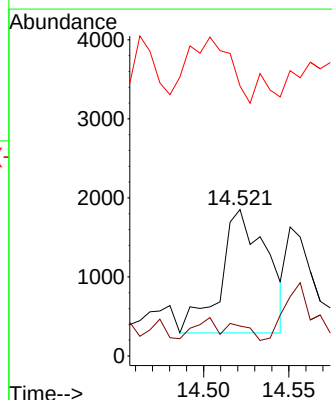
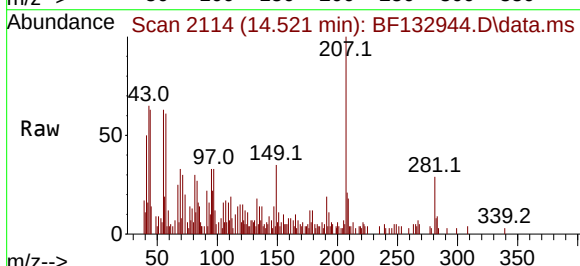
RT: 14.521 min Scan# 2114

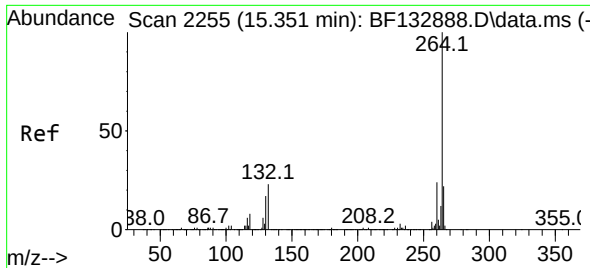
Delta R.T. 0.000 min

Lab File: BF132944.D

Acq: 20 Apr 2023 19:00

Tgt Ion:	149	Resp:	2925
Ion Ratio	Lower	Upper	
149	100		
167	8.9	1.2	1.8#
43	48.8	11.5	17.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132944.D
Acq: 20 Apr 2023 19:00

Instrument :
BNA_F
ClientSampleId :
SPA-4WC-23-04

Tgt Ion:264 Resp: 725697
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 22.4 17.7 26.5

