

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132951.D
 Acq On : 20 Apr 2023 22:38
 Operator : CG\JU
 Sample : 02386-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-1WC-23-04

Quant Time: Apr 21 02:18:10 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)

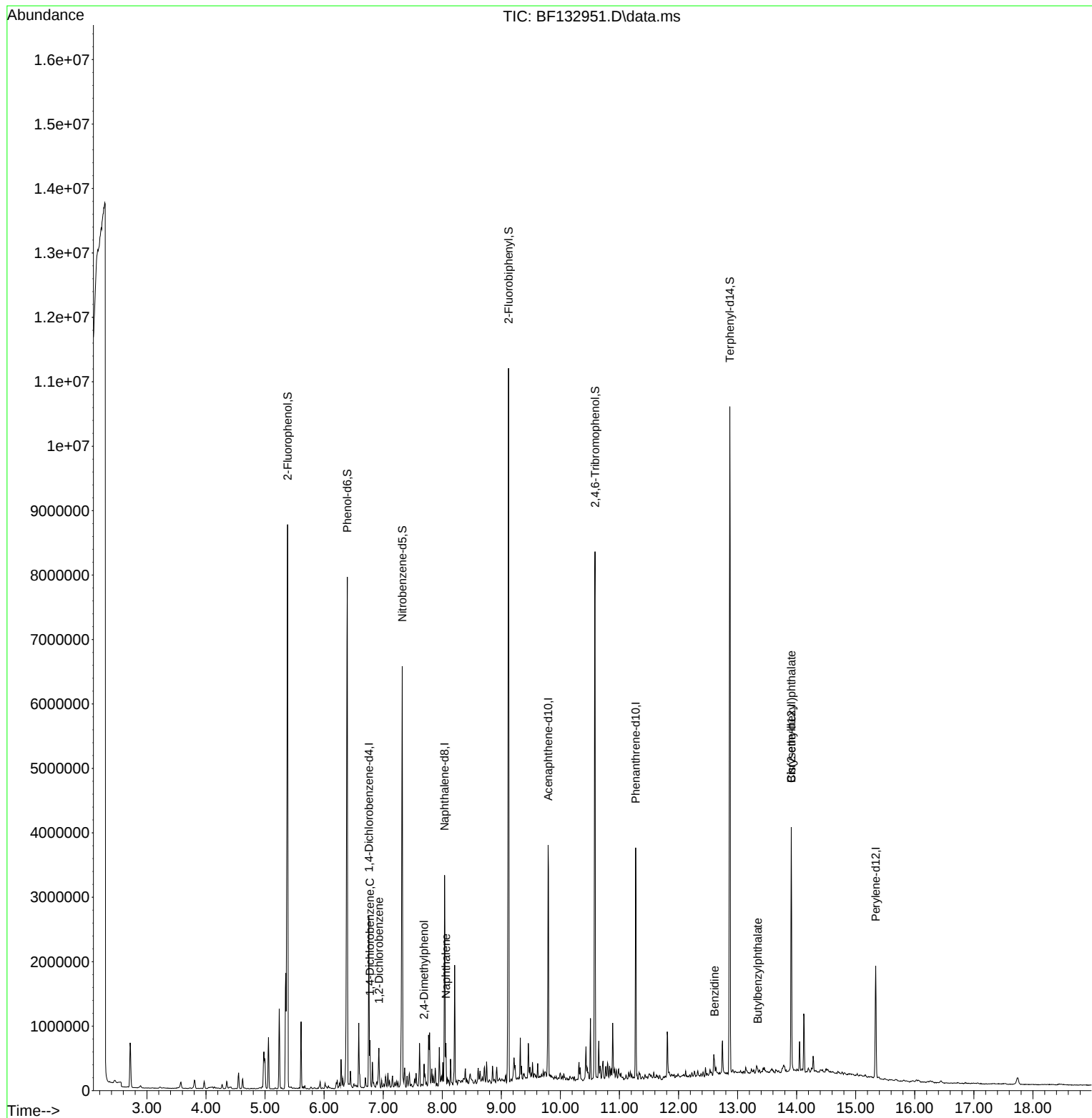
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	318691	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1341096	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	696642	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1225010	20.000	ng	0.00
76) Chrysene-d12	13.910	240	841136	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	720044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2551621	125.196	ng	0.02
7) Phenol-d6	6.393	99	3058220	117.593	ng	0.00
23) Nitrobenzene-d5	7.322	82	2123077	82.518	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	954185	136.559	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3580383	78.954	ng	0.00
79) Terphenyl-d14	12.869	244	4074629	82.646	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.775	146	117364	5.154	ng	99
14) 1,2-Dichlorobenzene	6.928	146	116052	5.458	ng	98
27) 2,4-Dimethylphenol	7.692	122	53339	2.628	ng	96
31) Naphthalene	8.063	128	238142	3.514	ng	98
77) Benzidine	12.610	184	63174	4.821	ng	97
80) Butylbenzylphthalate	13.339	149	6870	5.504	ng	# 74
84) Bis(2-ethylhexyl)phtha...	13.910	149	318587	14.644	ng	98

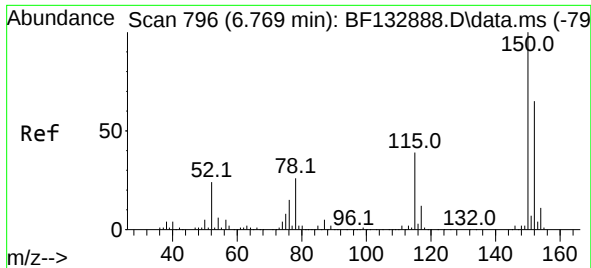
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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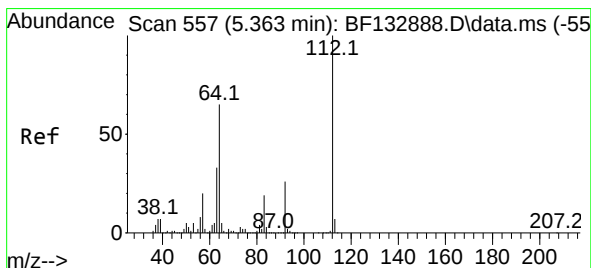
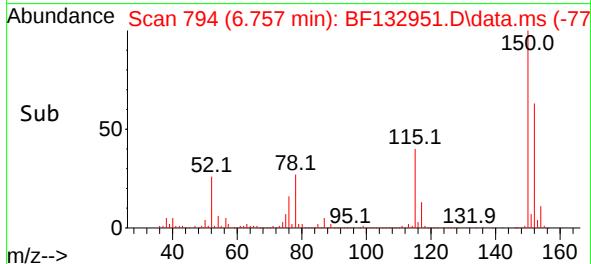
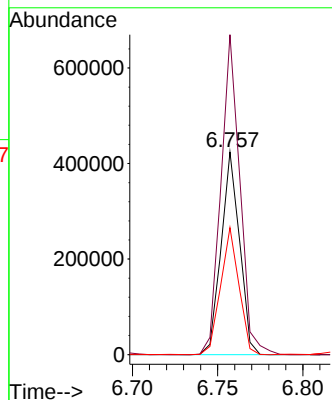
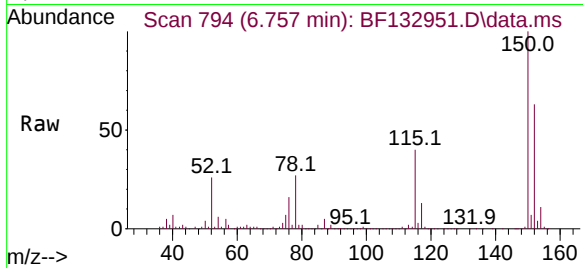




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

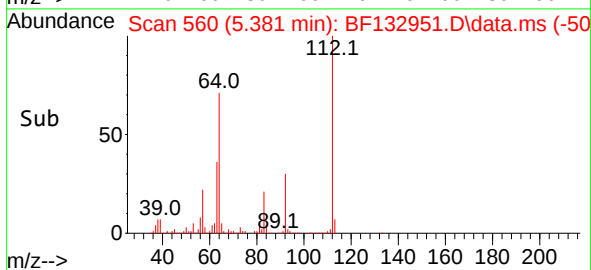
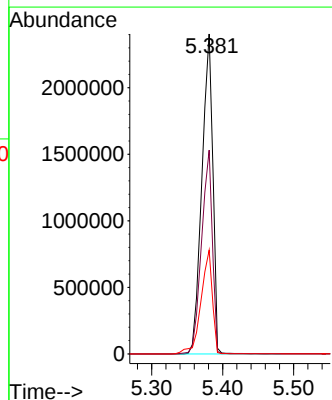
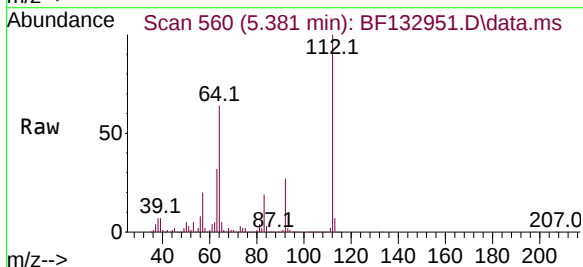
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BNA_F
ClientSampleId :
SPA-1WC-23-04

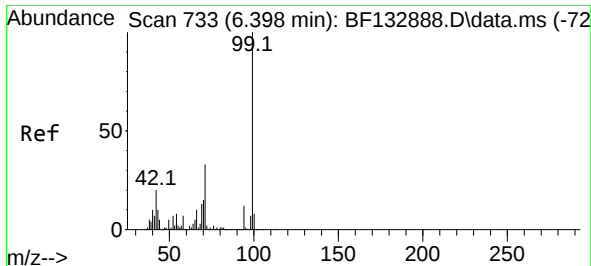
Tgt Ion:152 Resp: 318691
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 62.6 47.3 70.9



#5
2-Fluorophenol
Concen: 125.196 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:112 Resp: 2551621
Ion Ratio Lower Upper
112 100
64 63.7 51.8 77.8
63 32.5 26.3 39.5

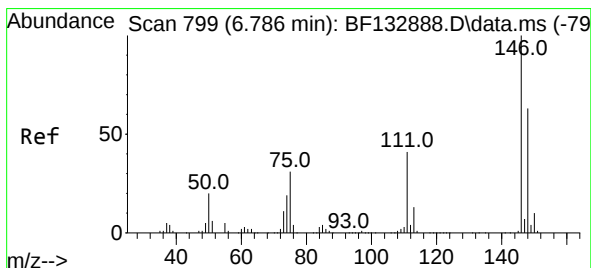
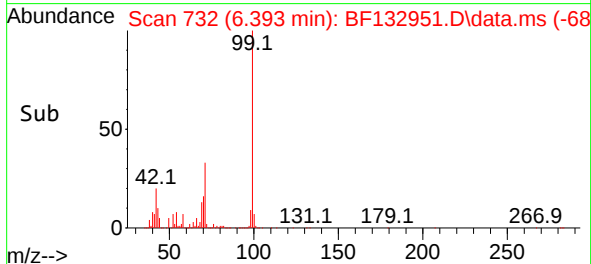
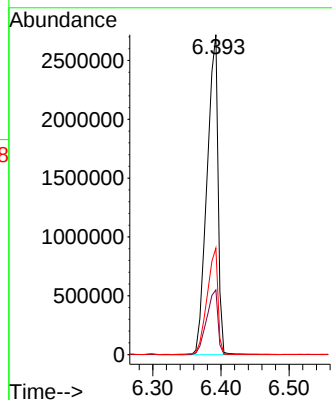
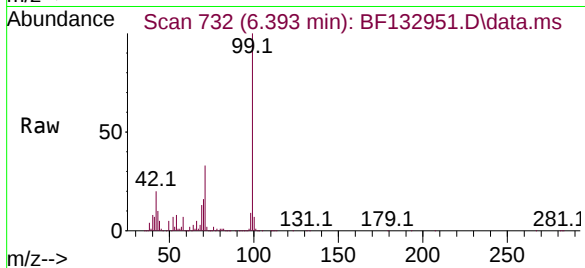




#7
Phenol-d6
Concen: 117.593 ng
RT: 6.393 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

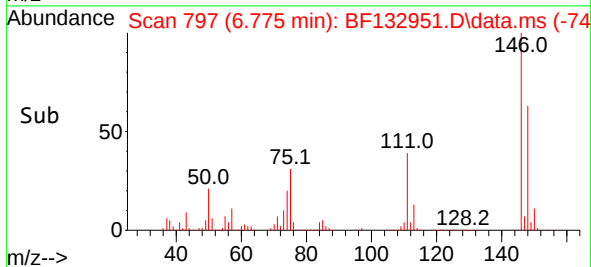
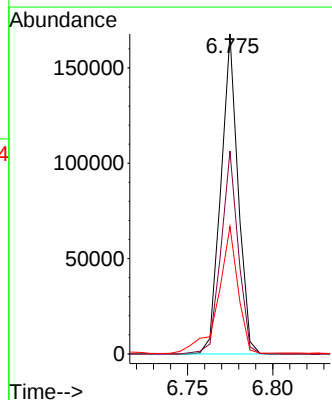
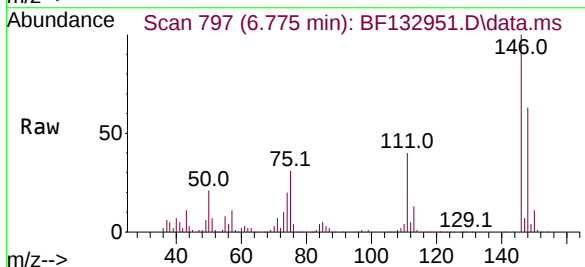
Instrument :
BNA_F
ClientSampleId :
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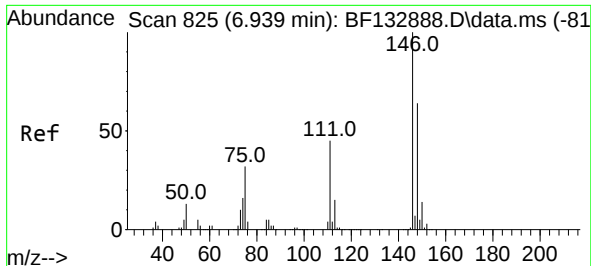
Tgt Ion: 99 Resp: 3058220
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 33.3 26.1 39.1



#13
1,4-Dichlorobenzene
Concen: 5.154 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:146 Resp: 117364
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
111 39.8 32.5 48.7

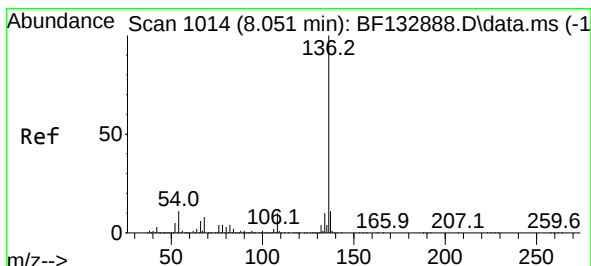
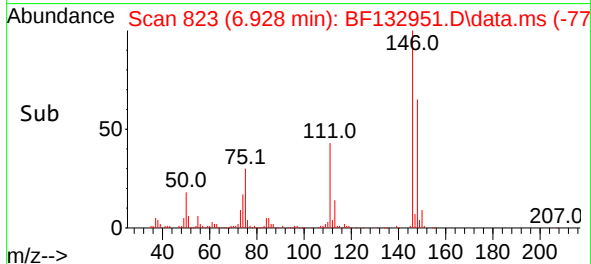
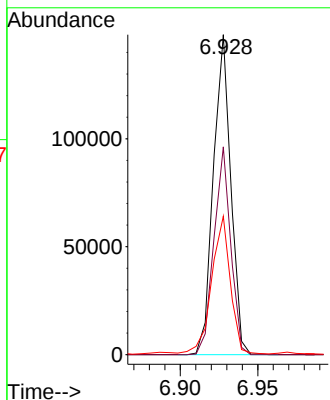
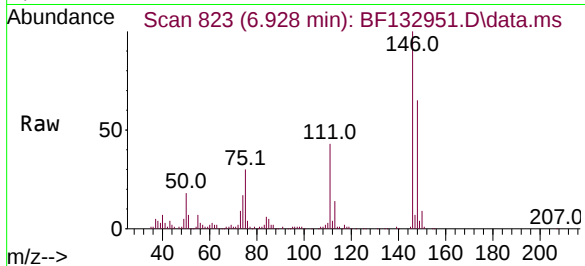




#14
1,2-Dichlorobenzene
Concen: 5.458 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

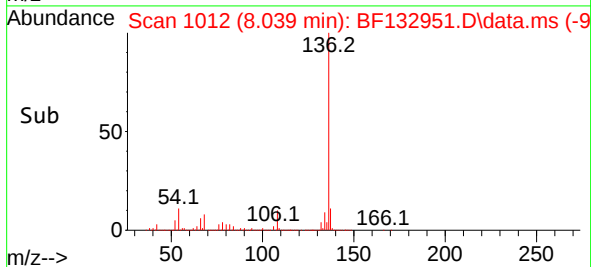
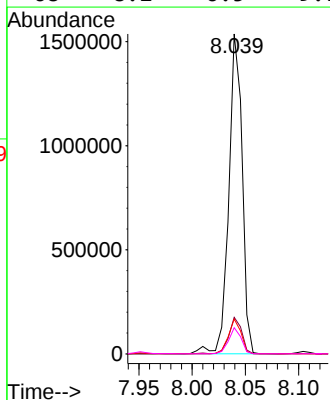
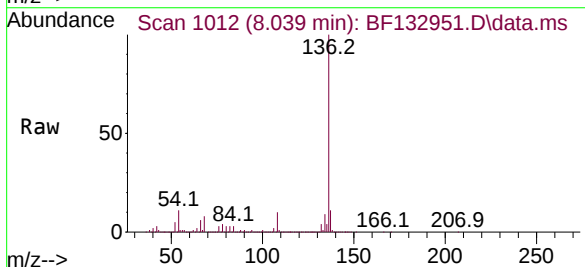
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

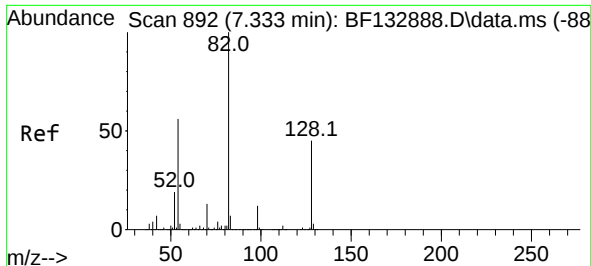
Tgt Ion:146 Resp: 116052
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
111 43.2 36.0 54.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:136 Resp: 1341096
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.9 8.9 13.3
68 8.2 6.5 9.7





#23

Nitrobenzene-d5

Concen: 82.518 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132951.D

Acq: 20 Apr 2023 22:38

Instrument :

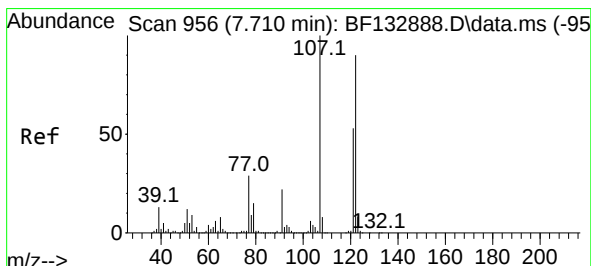
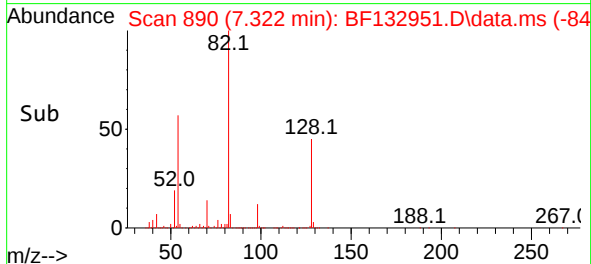
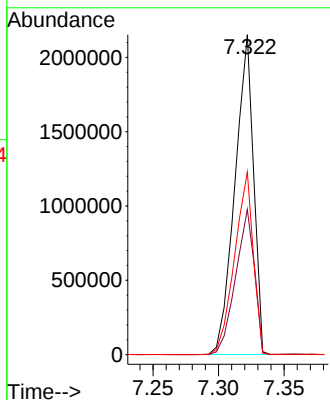
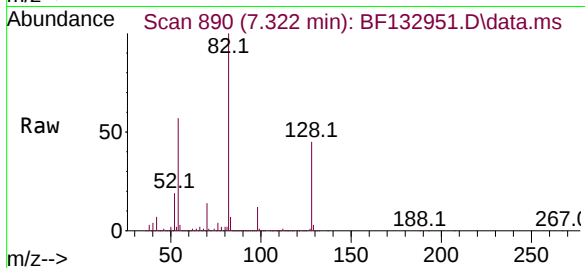
BNA_F

ClientSampleId :

SPA-1WC-23-04

Tgt Ion: 82 Resp: 2123077

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	57.1	44.7	67.1



#27

2,4-Dimethylphenol

Concen: 2.628 ng

RT: 7.692 min Scan# 953

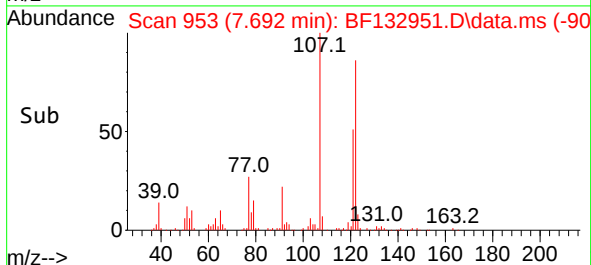
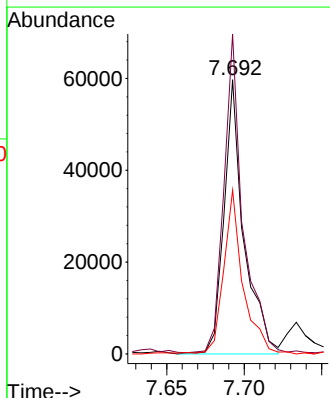
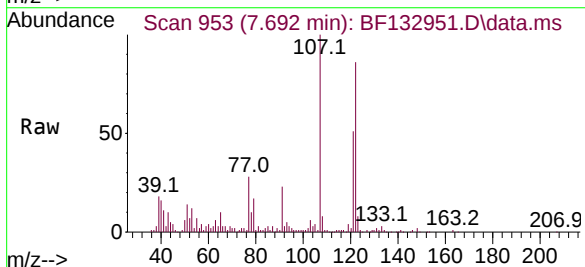
Delta R.T. -0.006 min

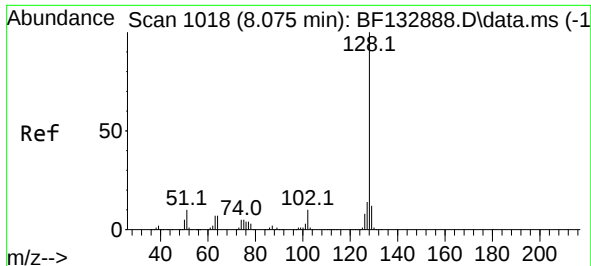
Lab File: BF132951.D

Acq: 20 Apr 2023 22:38

Tgt Ion: 122 Resp: 53339

Ion	Ratio	Lower	Upper
122	100		
107	116.7	88.5	132.7
121	59.8	47.2	70.8

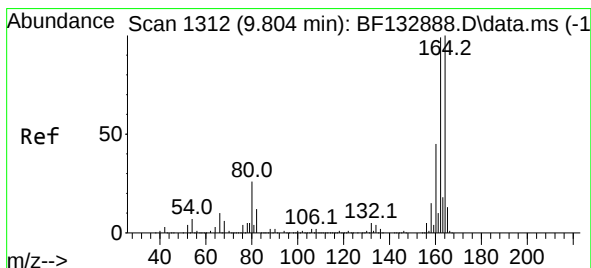
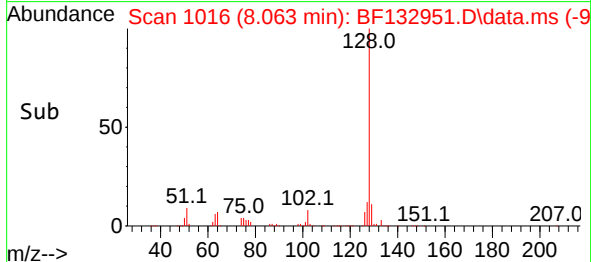
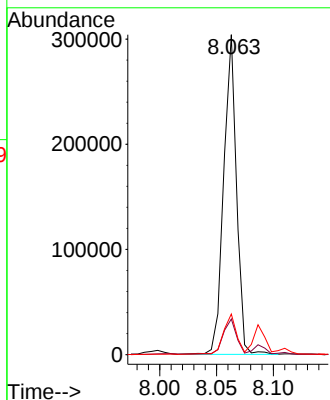
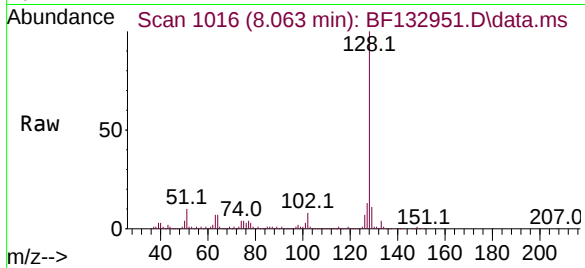




#31
Naphthalene
Concen: 3.514 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

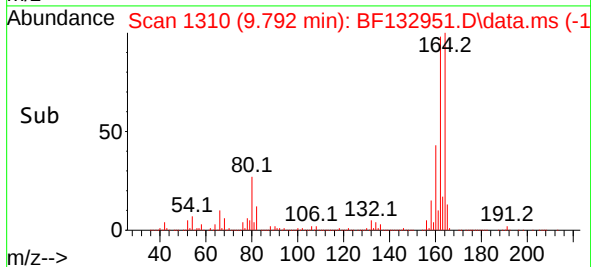
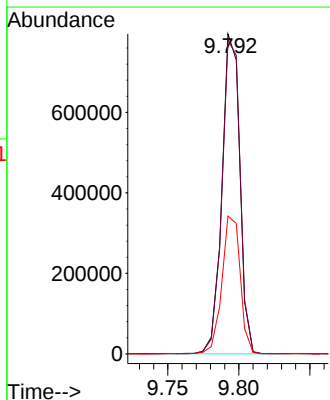
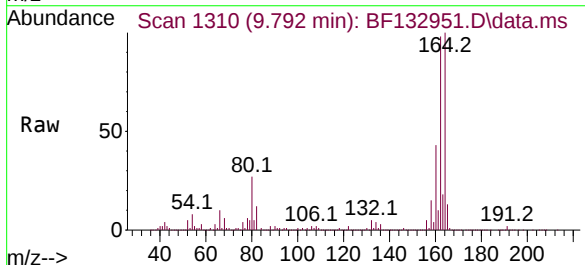
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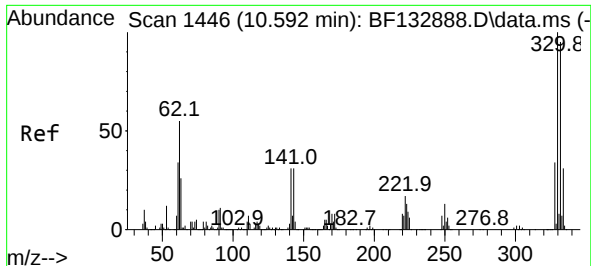
Tgt Ion:128 Resp: 238142
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.7 11.0 16.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:164 Resp: 696642
Ion Ratio Lower Upper
164 100
162 98.1 79.1 118.7
160 43.1 35.6 53.4

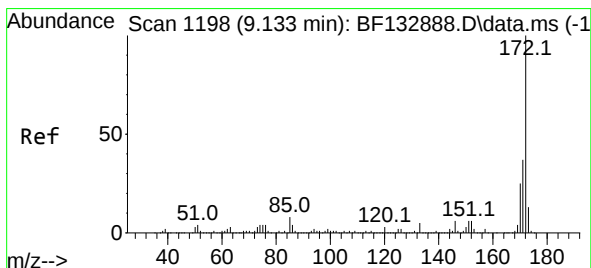
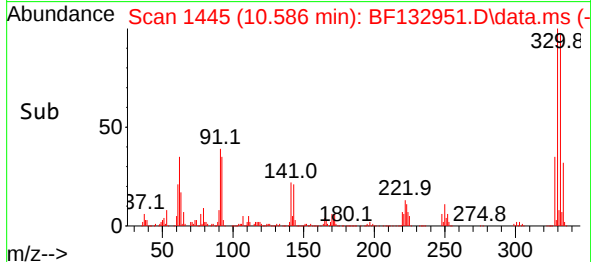
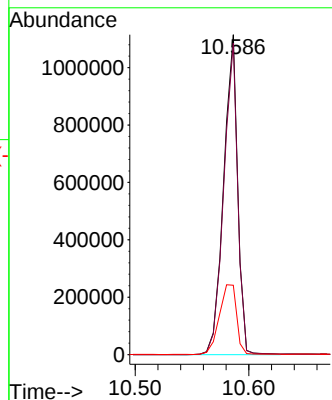
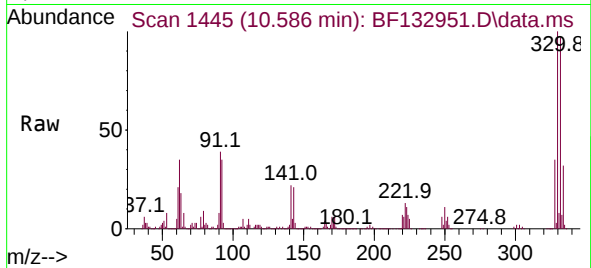




#42
2,4,6-Tribromophenol
Concen: 136.559 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

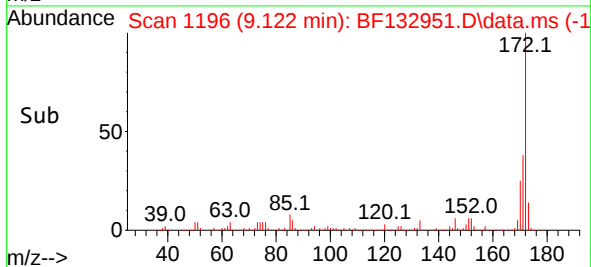
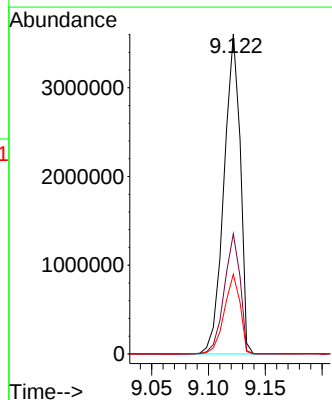
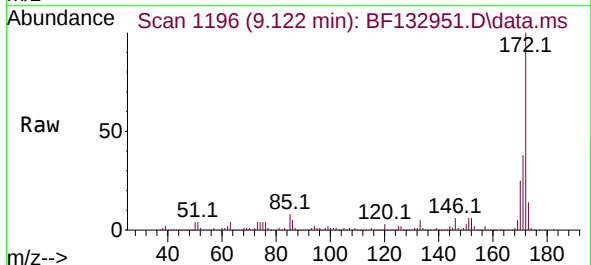
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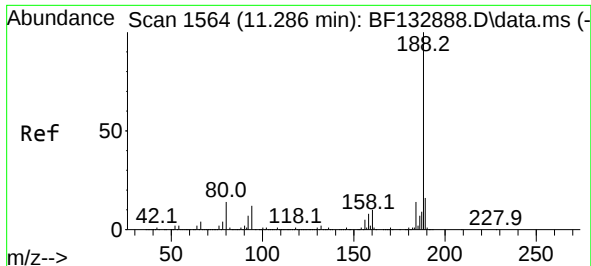
Tgt Ion:330 Resp: 954185
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 27.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 78.954 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:172 Resp: 3580383
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 24.9 20.1 30.1

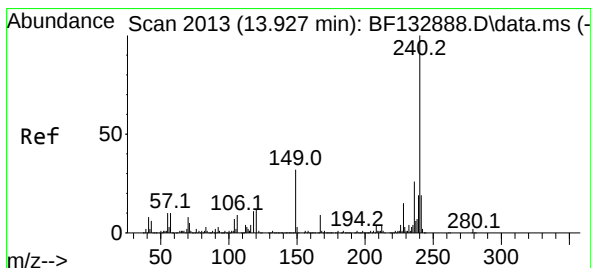
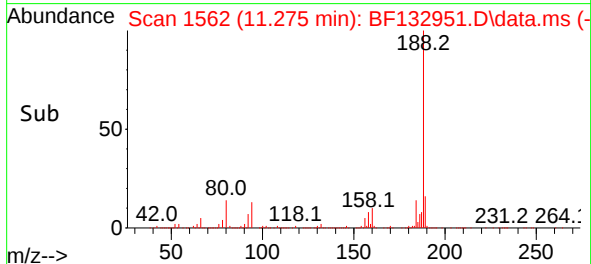
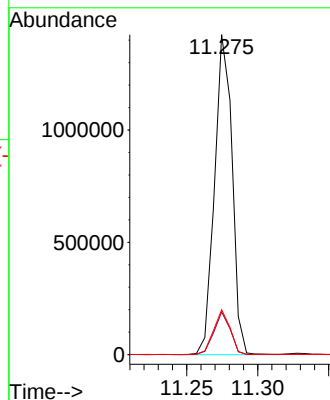
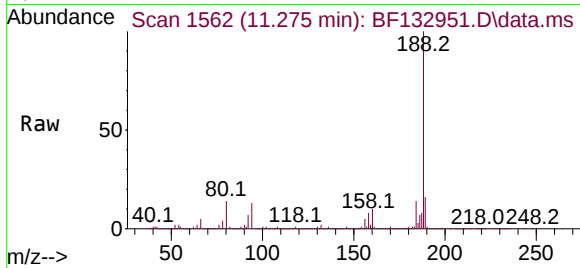




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

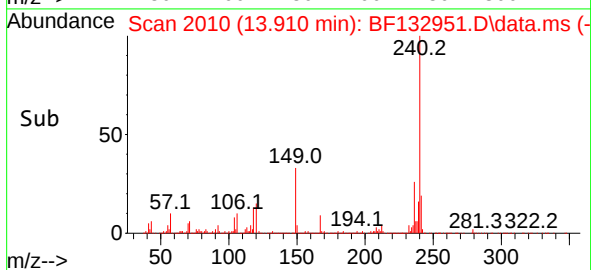
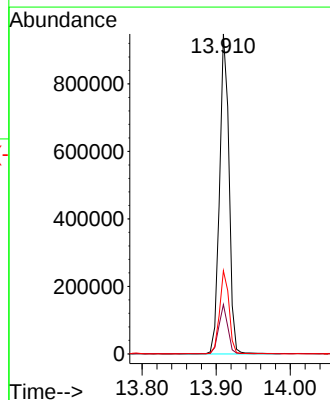
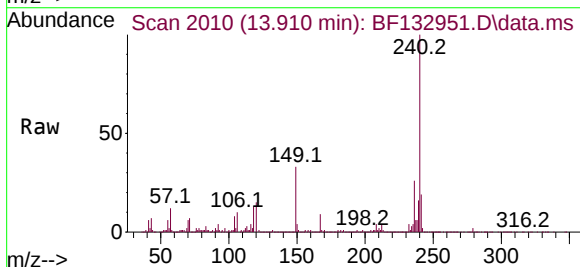
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

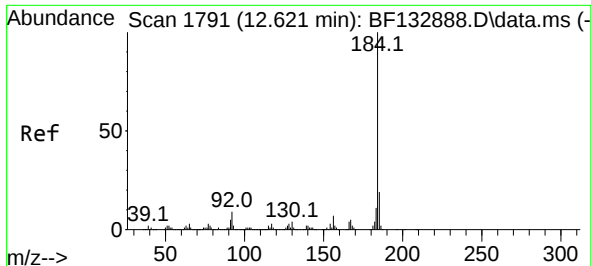
Tgt Ion:188 Resp: 1225010
Ion Ratio Lower Upper
188 100
94 13.3 9.9 14.9
80 14.0 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:240 Resp: 841136
Ion Ratio Lower Upper
240 100
120 15.4 10.0 15.0#
236 26.0 20.8 31.2

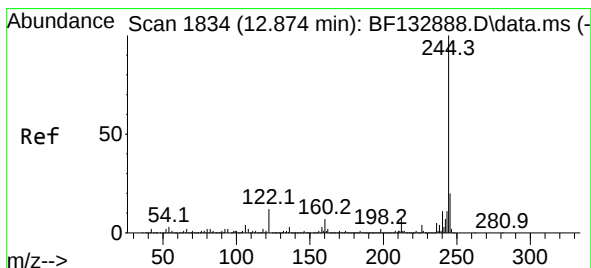
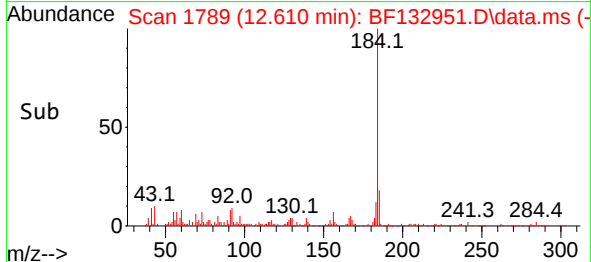
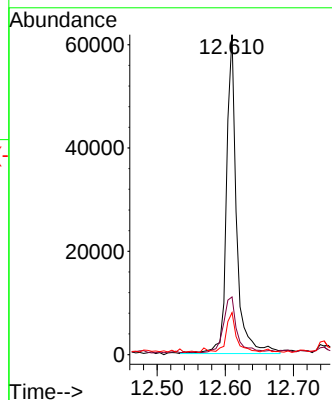
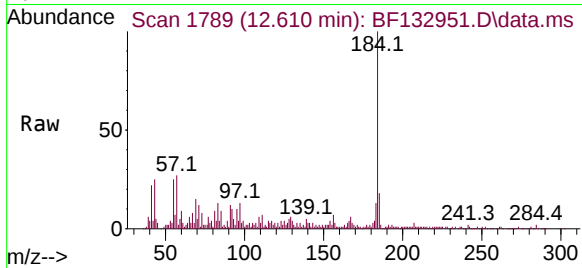




#77
Benzidine
Concen: 4.821 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

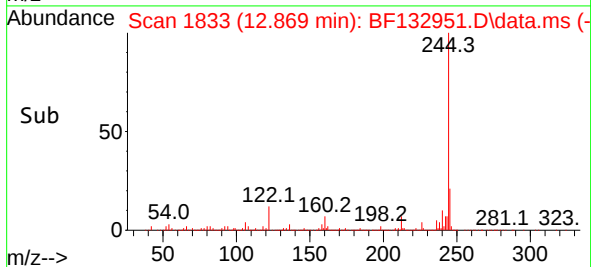
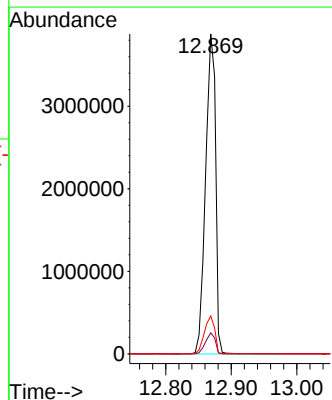
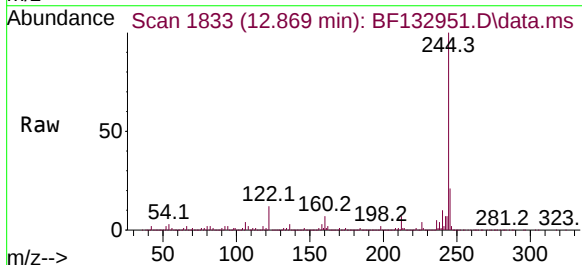
Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

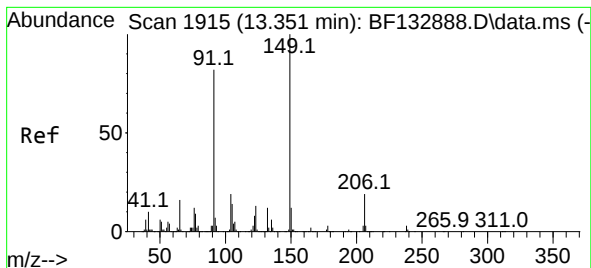
Tgt Ion:184 Resp: 63174
Ion Ratio Lower Upper
184 100
185 18.0 14.9 22.3
183 13.1 9.0 13.6



#79
Terphenyl-d14
Concen: 82.646 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Tgt Ion:244 Resp: 4074629
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.8 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.504 ng

RT: 13.339 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF132951.D

Acq: 20 Apr 2023 22:38

Instrument :

BNA_F

ClientSampleId :

SPA-1WC-23-04

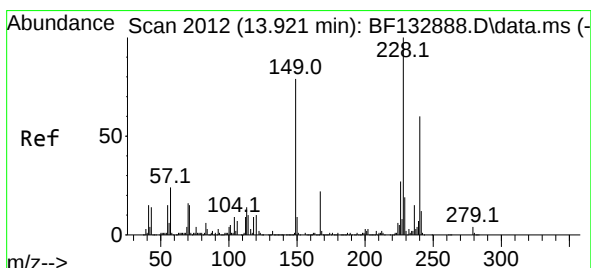
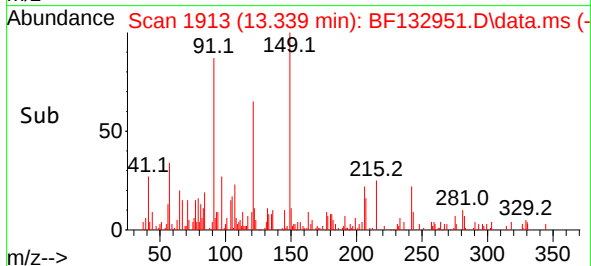
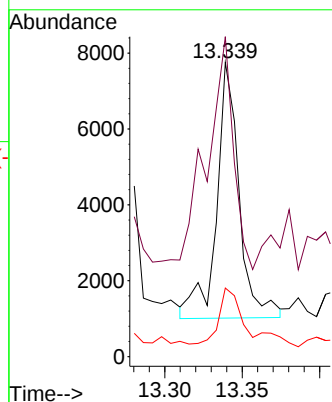
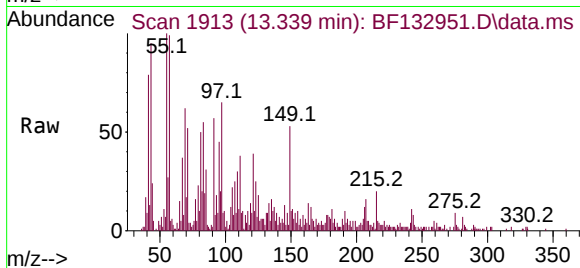
Tgt Ion:149 Resp: 6870

Ion Ratio Lower Upper

149 100

91 108.8 65.4 98.0#

206 23.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.644 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF132951.D

Acq: 20 Apr 2023 22:38

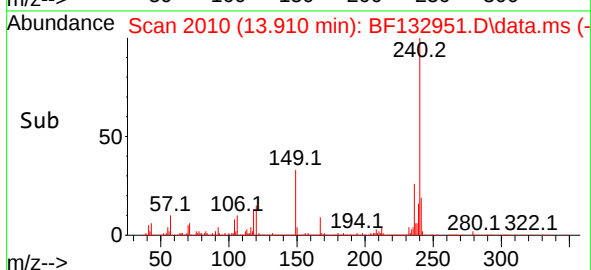
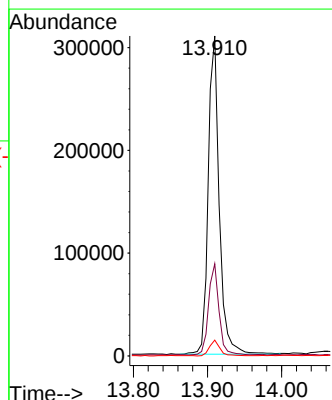
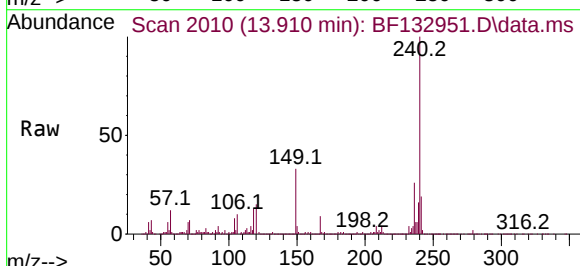
Tgt Ion:149 Resp: 318587

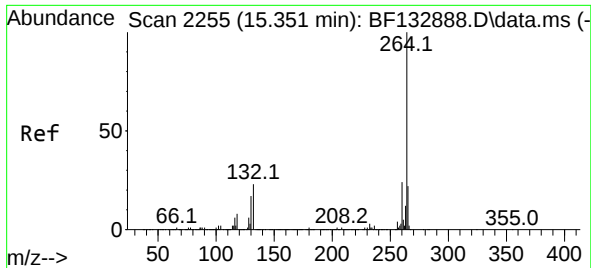
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

279 4.9 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132951.D
Acq: 20 Apr 2023 22:38

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04

Tgt Ion:264 Resp: 720044
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.6 17.7 26.5

