

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132945.D
 Acq On : 20 Apr 2023 19:31
 Operator : CG\JU
 Sample : 02386-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-5WC-23-04

Quant Time: Apr 21 02:16:18 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)

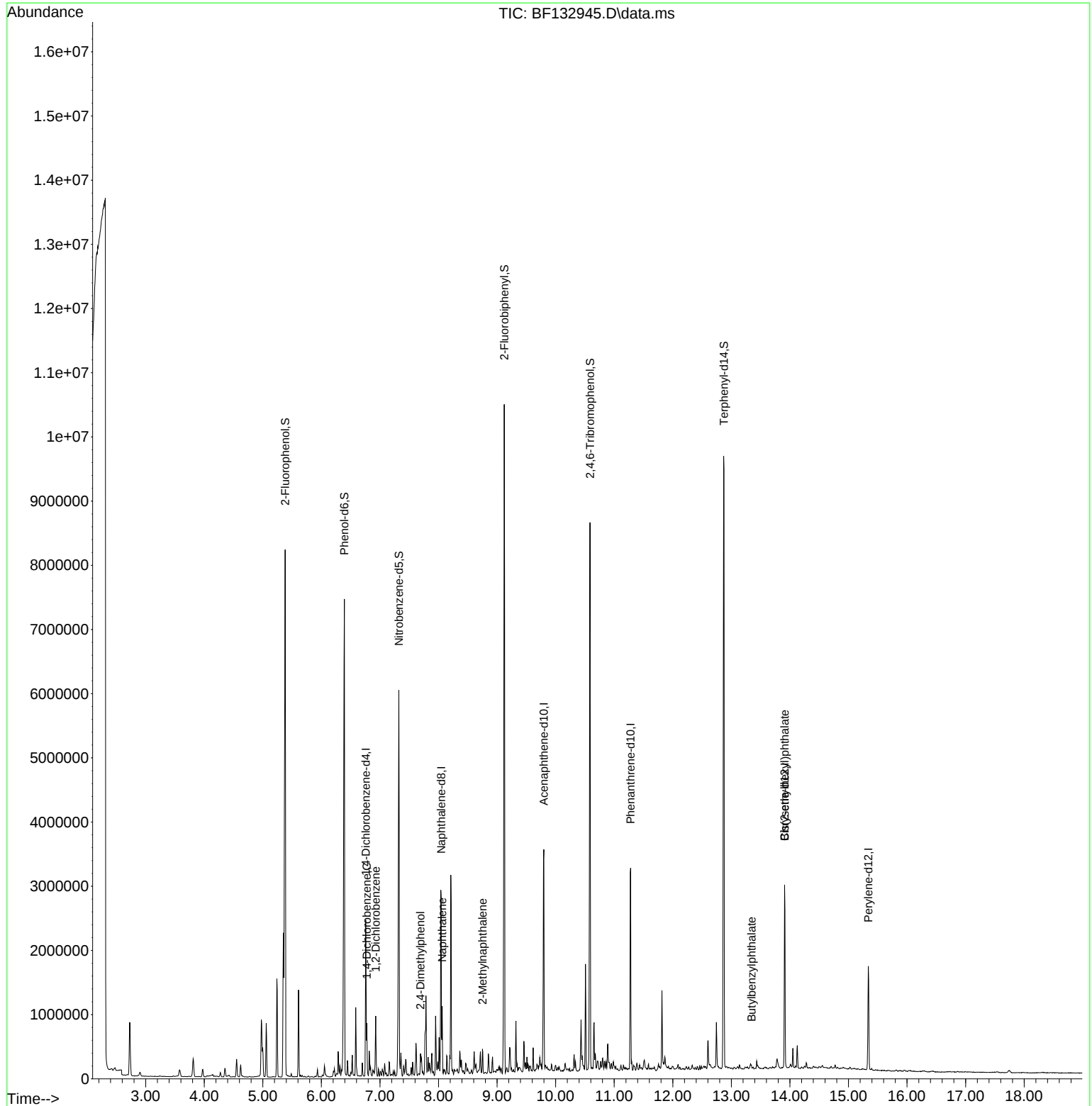
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	306307	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1244130	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	650479	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1162592	20.000	ng	0.00
76) Chrysene-d12	13.910	240	822001	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	661552	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2379425	121.468	ng	0.02
7) Phenol-d6	6.393	99	2839008	113.577	ng	0.00
23) Nitrobenzene-d5	7.322	82	2029024	85.009	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	934254	143.195	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3378416	79.787	ng	0.00
79) Terphenyl-d14	12.874	244	3895656	80.855	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.775	146	147186	6.725	ng	98
14) 1,2-Dichlorobenzene	6.928	146	170624	8.349	ng	98
27) 2,4-Dimethylphenol	7.692	122	72698	3.862	ng	98
31) Naphthalene	8.063	128	355809	5.659	ng	99
37) 2-Methylnaphthalene	8.751	142	99472	2.299	ng	98
80) Butylbenzylphthalate	13.345	149	7291	5.535	ng	95
84) Bis(2-ethylhexyl)phtha...	13.910	149	108562	5.106	ng	98

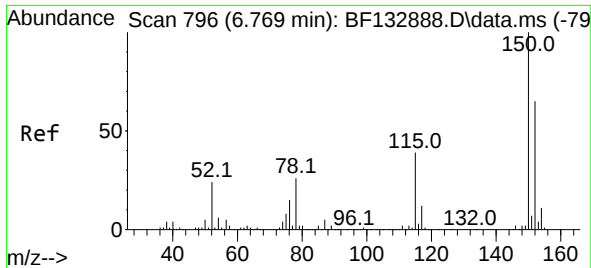
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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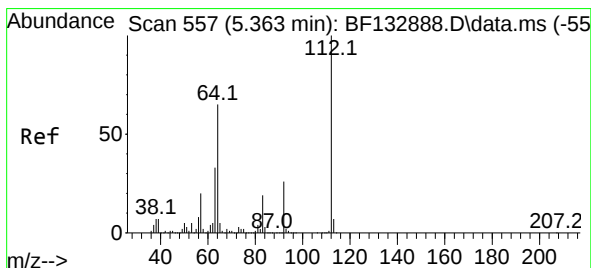
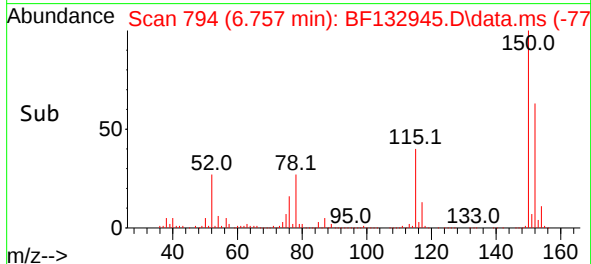
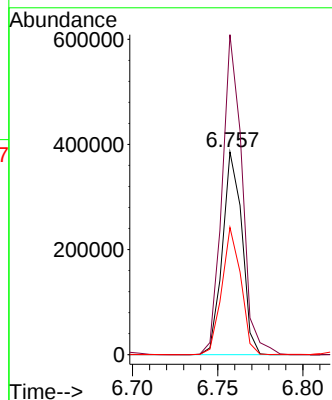
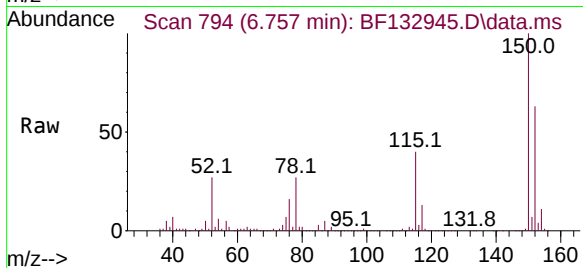




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

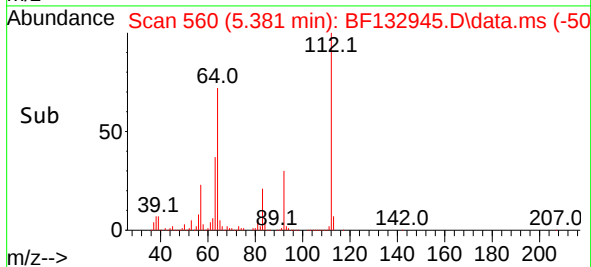
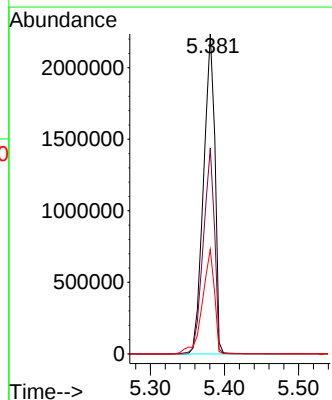
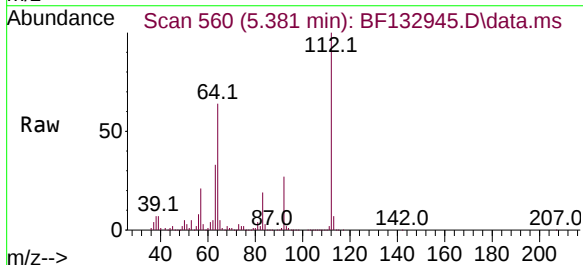
Instrument :
BNA_F
ClientSampleId :
SPA-5WC-23-04

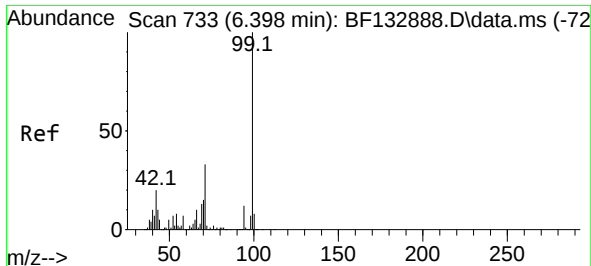
Tgt Ion:152 Resp: 306307
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 62.7 47.3 70.9



#5
2-Fluorophenol
Concen: 121.468 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

Tgt Ion:112 Resp: 2379425
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.8
63 32.7 26.3 39.5





#7

Phenol-d6

Concen: 113.577 ng

RT: 6.393 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

Instrument :

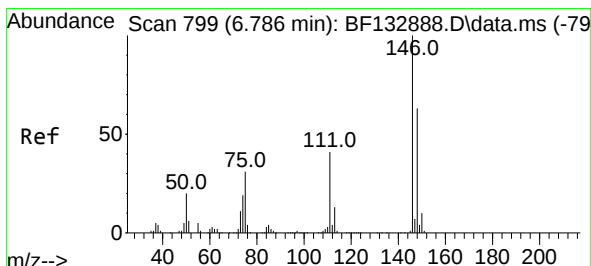
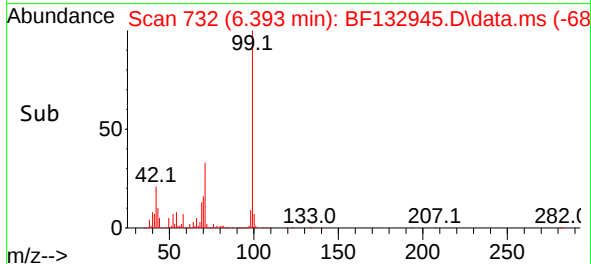
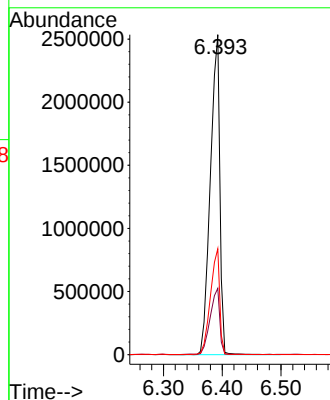
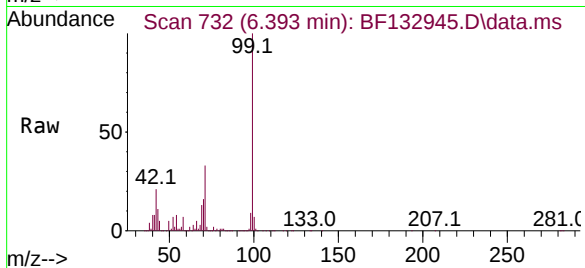
BNA_F

ClientSampleId :

SPA-5WC-23-04

Tgt Ion: 99 Resp: 2839008

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.1	24.1
71	33.1	26.1	39.1



#13

1,4-Dichlorobenzene

Concen: 6.725 ng

RT: 6.775 min Scan# 797

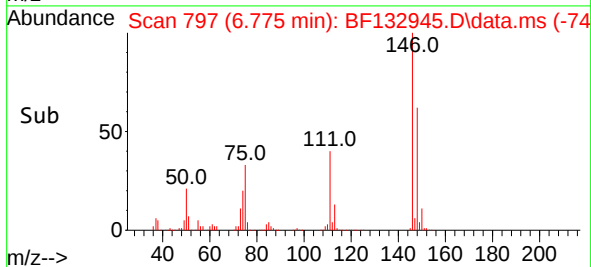
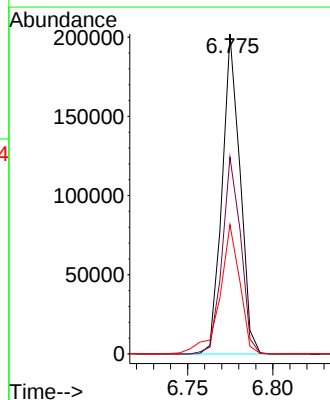
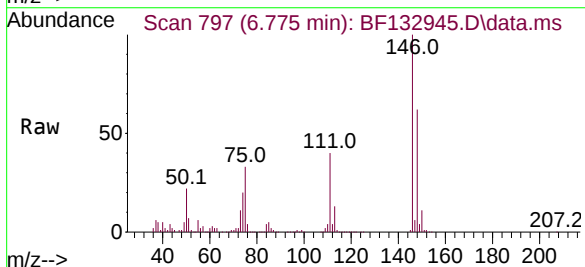
Delta R.T. 0.000 min

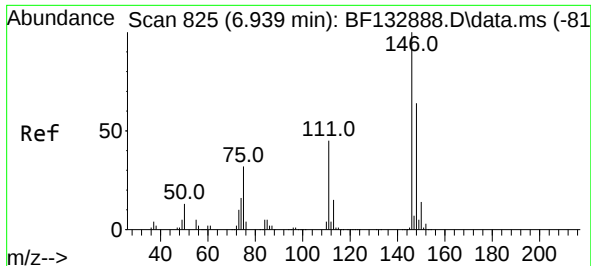
Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

Tgt Ion:146 Resp: 147186

Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.7	76.1
111	40.4	32.5	48.7

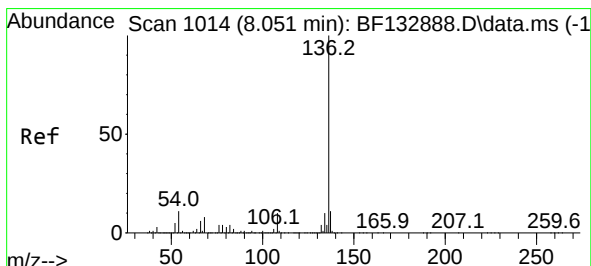
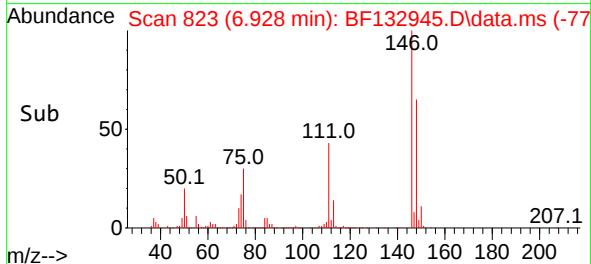
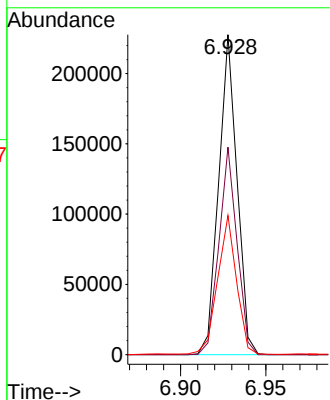
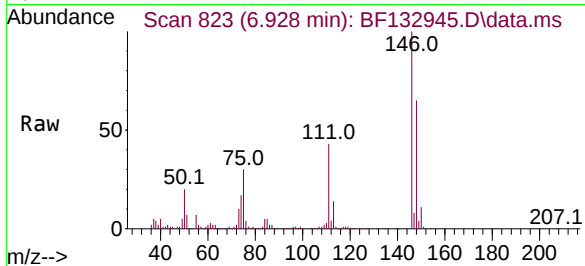




#14
1,2-Dichlorobenzene
Concen: 8.349 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

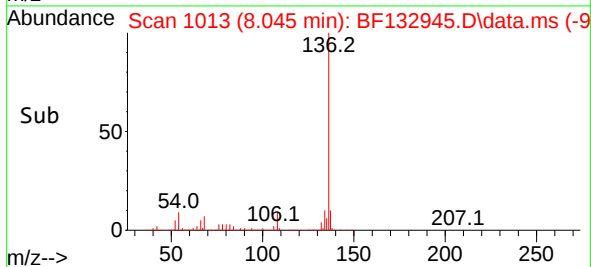
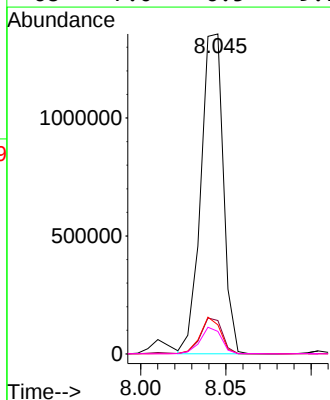
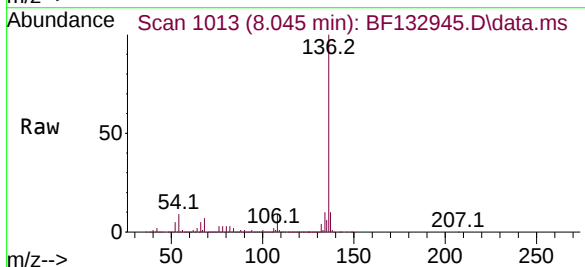
Instrument :
BNA_F
ClientSampleId :
SPA-5WC-23-04

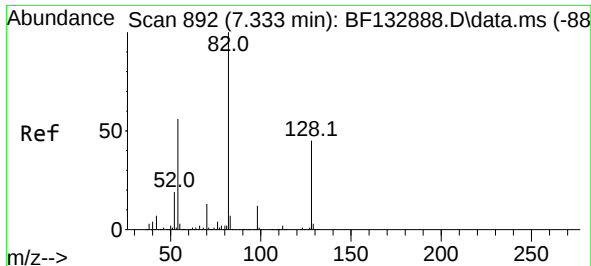
Tgt Ion:146 Resp: 170624
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
111 43.5 36.0 54.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

Tgt Ion:136 Resp: 1244130
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 9.1 8.9 13.3
68 7.0 6.5 9.7



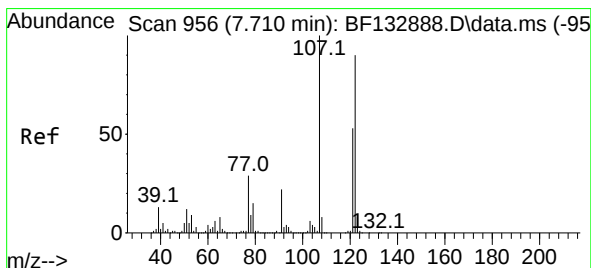
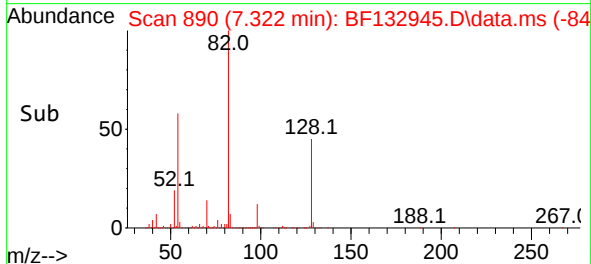
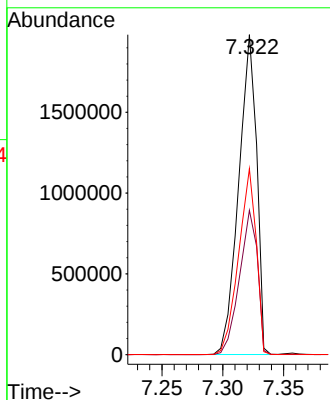
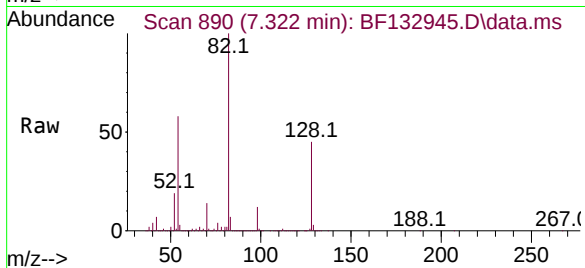


#23
Nitrobenzene-d5
Concen: 85.009 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

Instrument :
BNA_F
ClientSampleId :
SPA-5WC-23-04

Tgt Ion: 82 Resp: 2029024

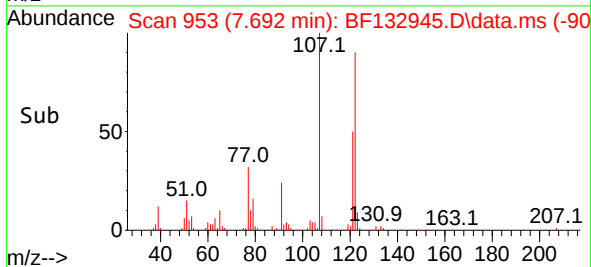
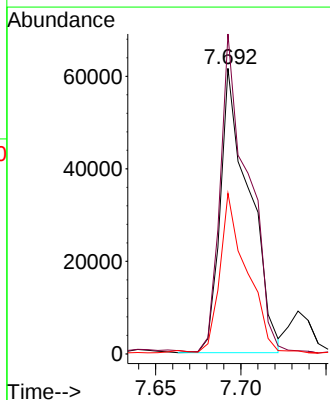
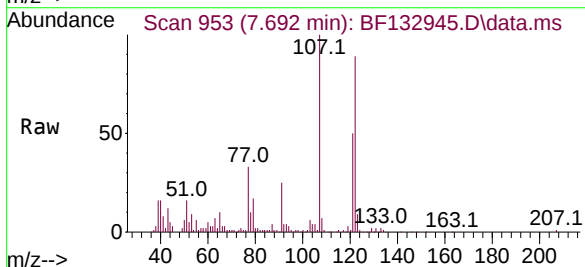
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.7	53.5
54	58.1	44.7	67.1

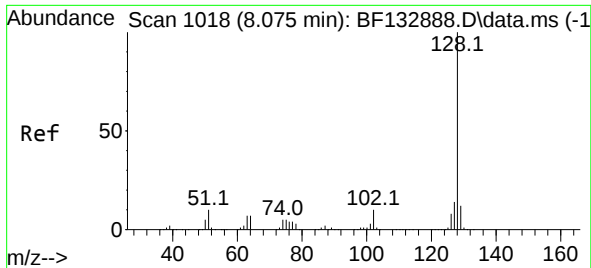


#27
2,4-Dimethylphenol
Concen: 3.862 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

Tgt Ion: 122 Resp: 72698

Ion	Ratio	Lower	Upper
122	100		
107	112.1	88.5	132.7
121	56.2	47.2	70.8

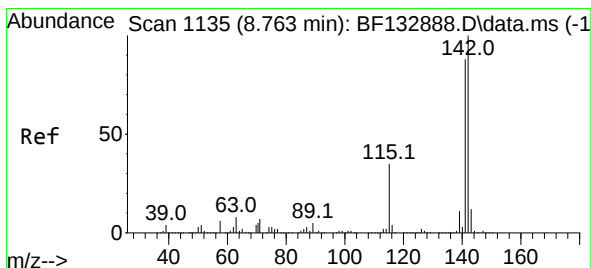
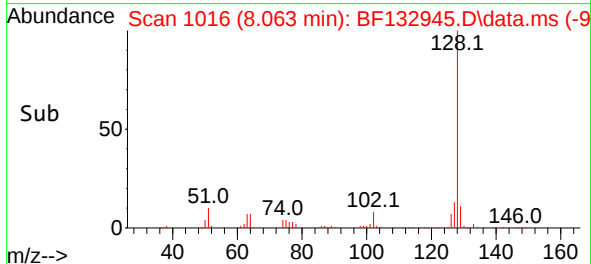
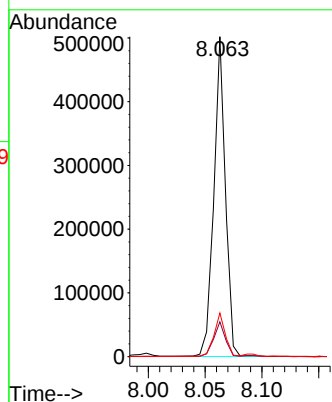
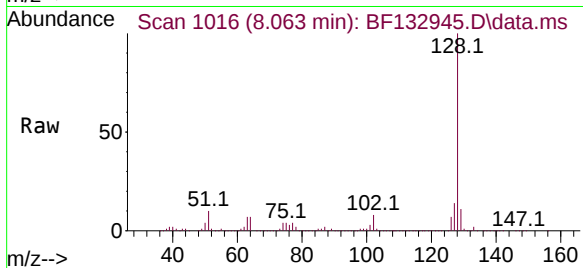




#31
Naphthalene
Concen: 5.659 ng
RT: 8.063 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

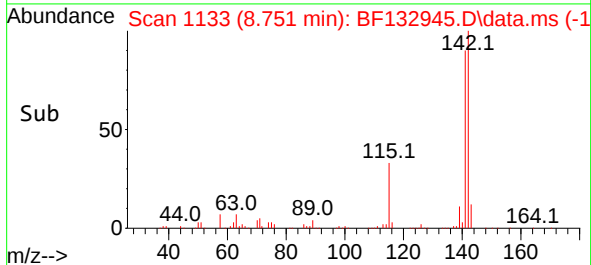
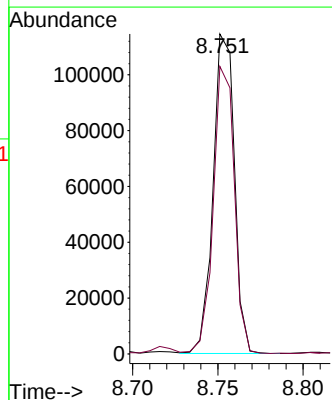
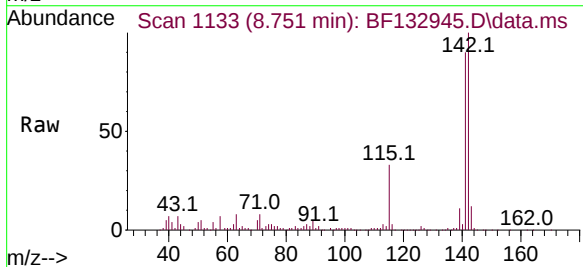
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BNA_F
ClientSampleId :
SPA-5WC-23-04

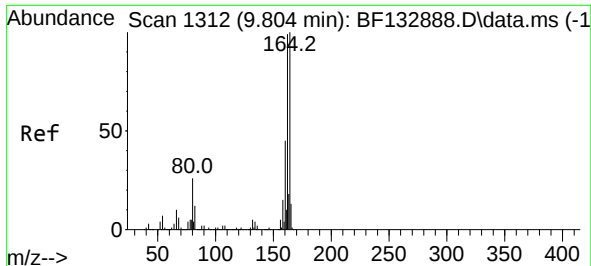
Tgt Ion:128 Resp: 355809
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.6 11.0 16.6



#37
2-Methylnaphthalene
Concen: 2.299 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

Tgt Ion:142 Resp: 99472
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

Instrument :

BNA_F

ClientSampleId :

SPA-5WC-23-04

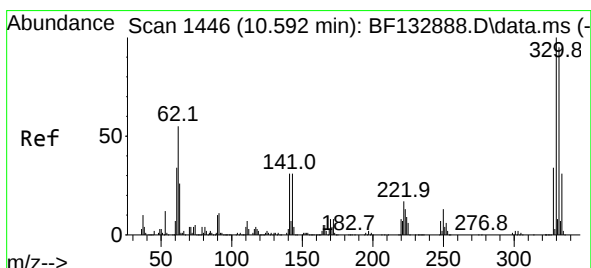
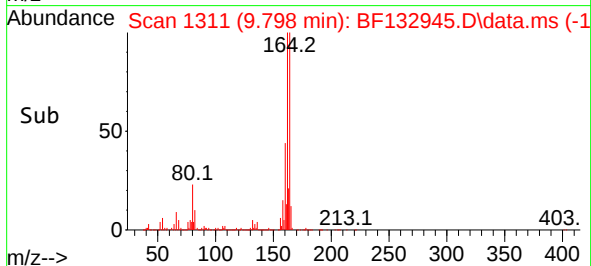
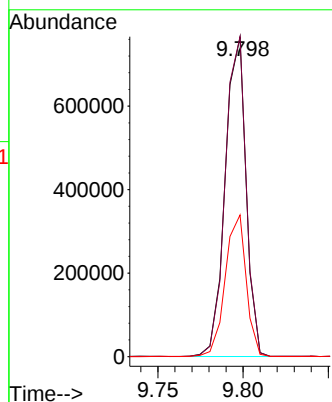
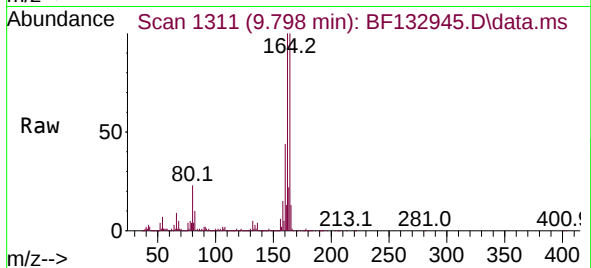
Tgt Ion:164 Resp: 650479

Ion Ratio Lower Upper

164 100

162 100.2 79.1 118.7

160 44.4 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 143.195 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

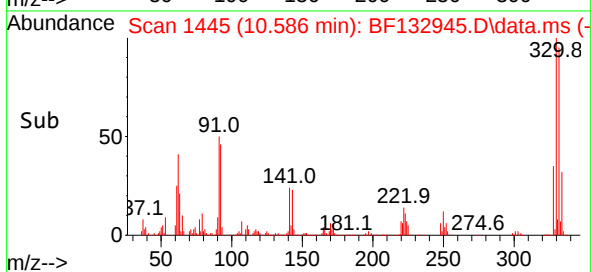
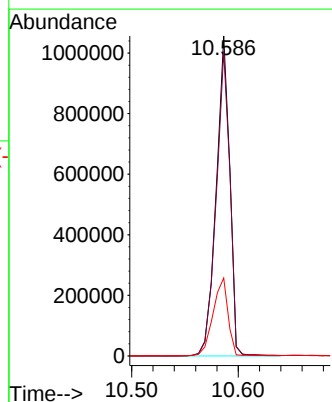
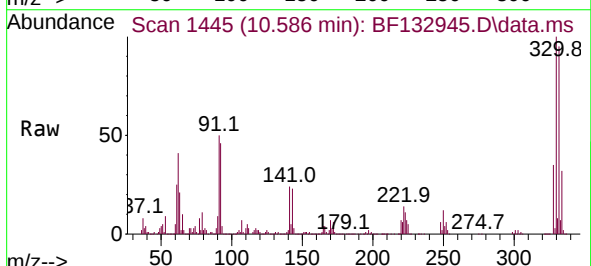
Tgt Ion:330 Resp: 934254

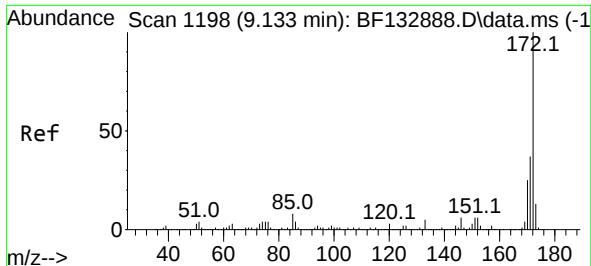
Ion Ratio Lower Upper

330 100

332 96.6 76.3 114.5

141 26.7 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 79.787 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

Instrument :

BNA_F

ClientSampleId :

SPA-5WC-23-04

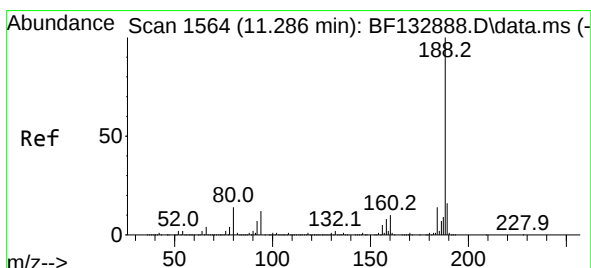
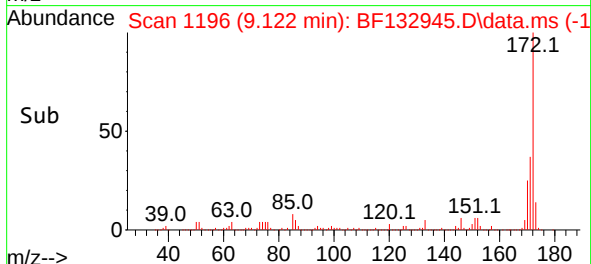
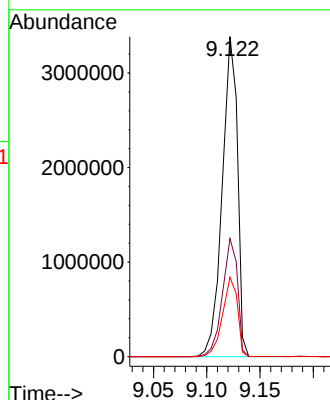
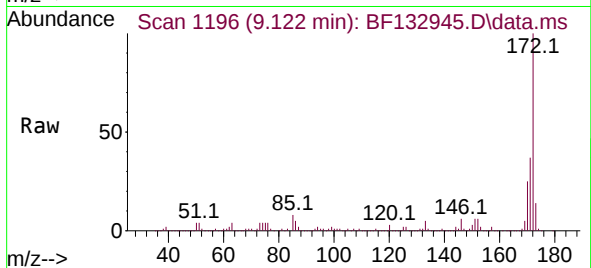
Tgt Ion:172 Resp: 3378416

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

170 24.8 20.1 30.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

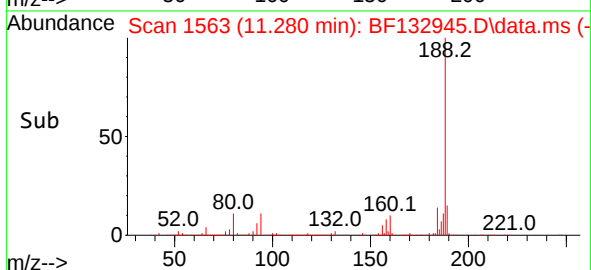
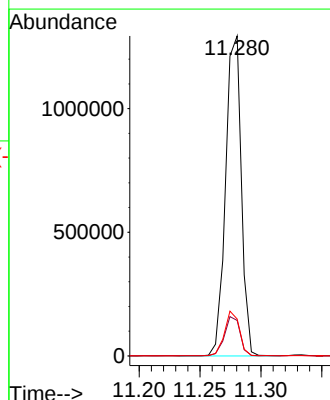
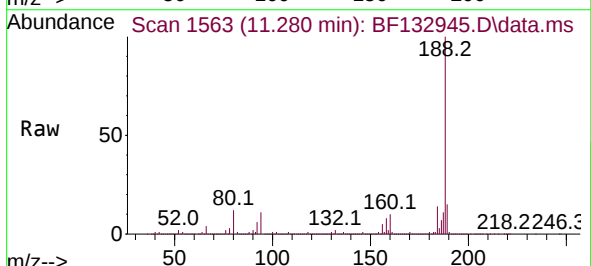
Tgt Ion:188 Resp: 1162592

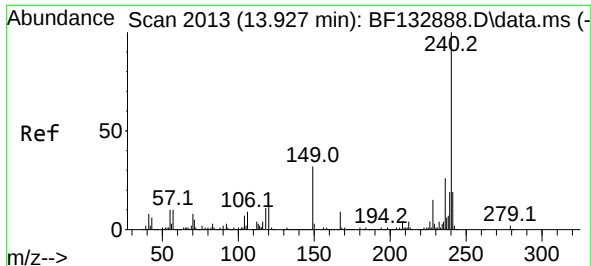
Ion Ratio Lower Upper

188 100

94 11.1 9.9 14.9

80 11.5 10.8 16.2

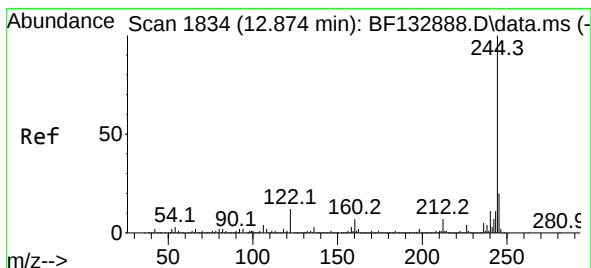
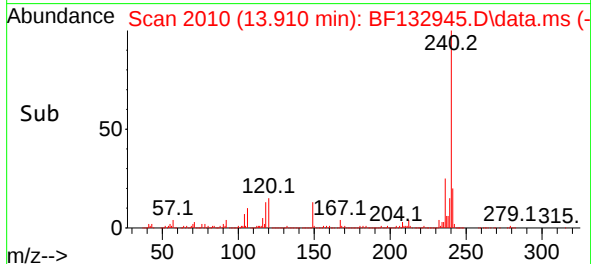
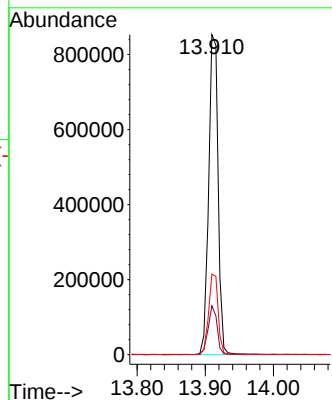
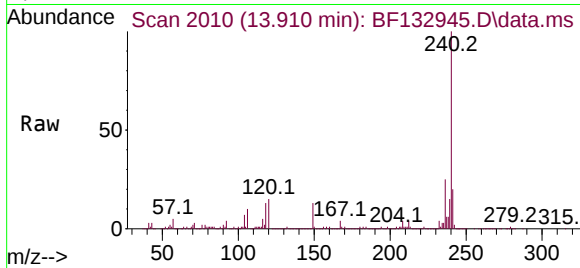




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

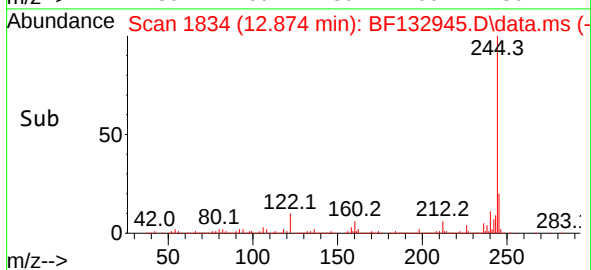
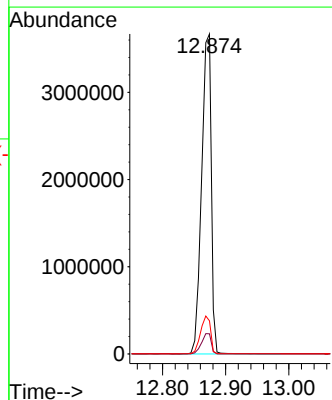
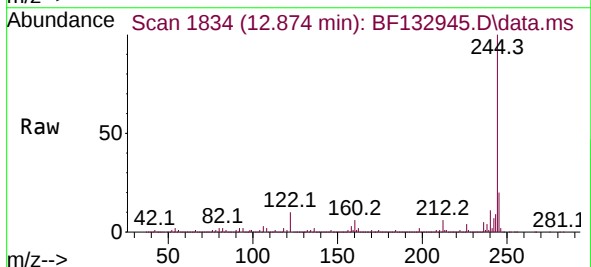
Instrument :
BNA_F
ClientSampleId :
SPA-5WC-23-04

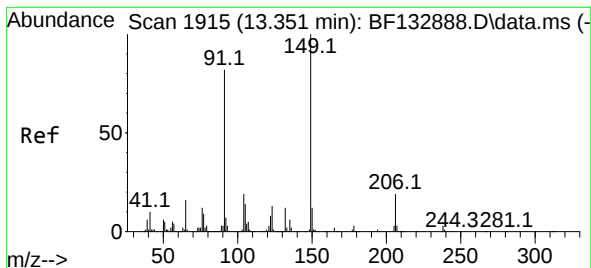
Tgt Ion:240 Resp: 822001
Ion Ratio Lower Upper
240 100
120 15.2 10.0 15.0#
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 80.855 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF132945.D
Acq: 20 Apr 2023 19:31

Tgt Ion:244 Resp: 3895656
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 10.3 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.535 ng

RT: 13.345 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

Instrument :

BNA_F

ClientSampleId :

SPA-5WC-23-04

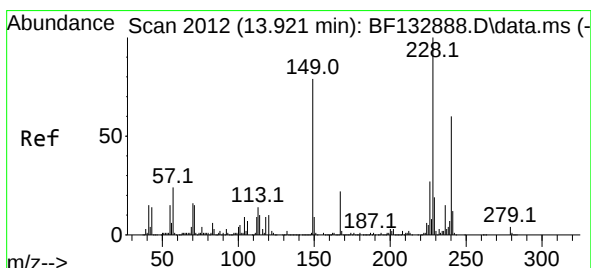
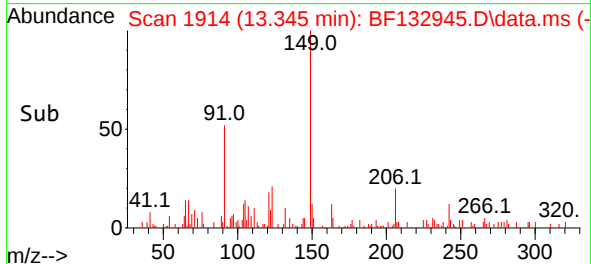
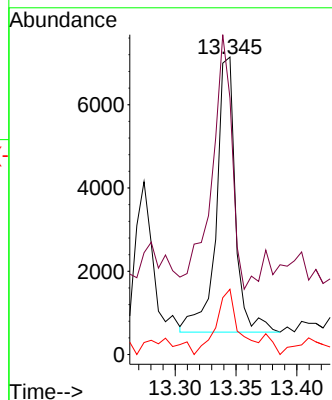
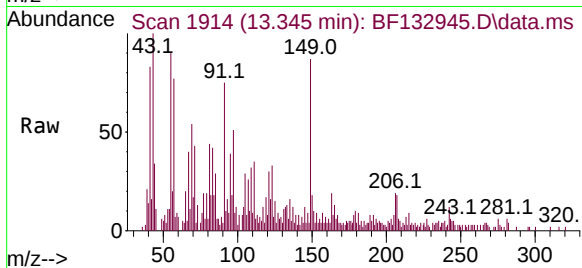
Tgt Ion:149 Resp: 7291

Ion Ratio Lower Upper

149 100

91 86.2 65.4 98.0

206 22.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.106 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF132945.D

Acq: 20 Apr 2023 19:31

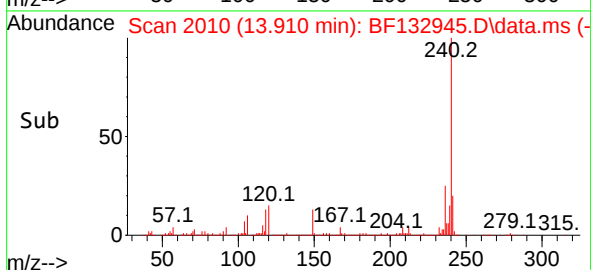
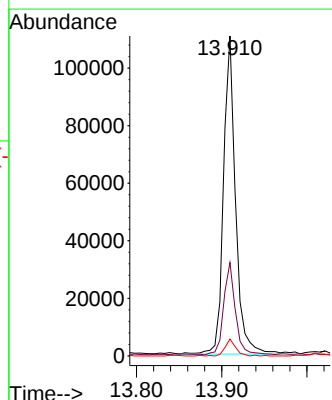
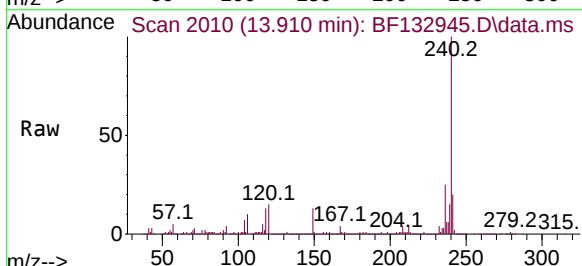
Tgt Ion:149 Resp: 108562

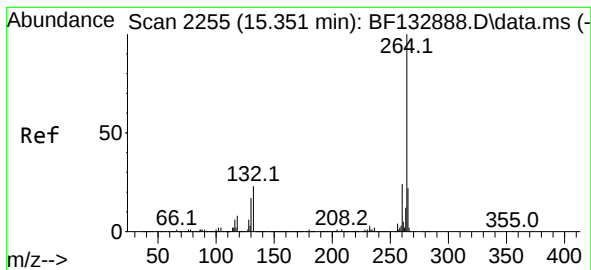
Ion Ratio Lower Upper

149 100

167 29.2 22.2 33.4

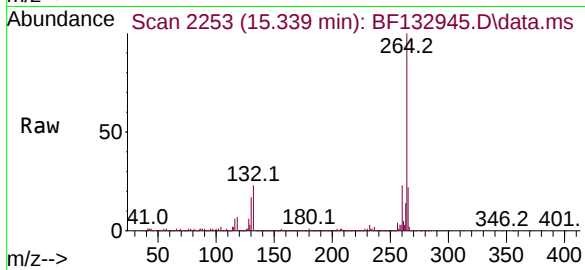
279 5.3 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132945.D
 Acq: 20 Apr 2023 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SPA-5WC-23-04



Tgt Ion:264 Resp: 661552
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.1 17.7 26.5

