

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132947.D
 Acq On : 20 Apr 2023 20:34
 Operator : CG\JU
 Sample : 02386-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 21 02:16:56 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)

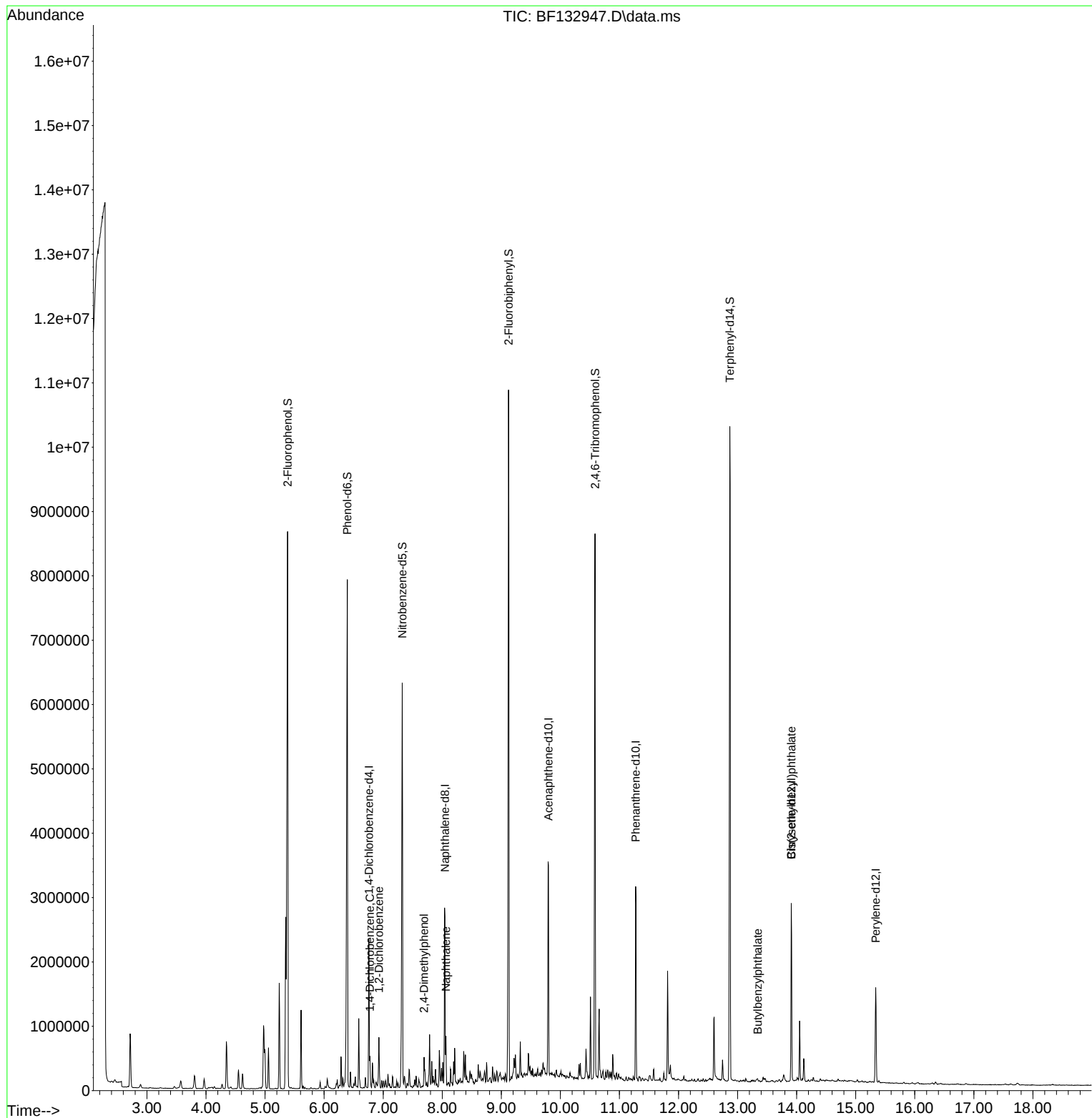
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	290549	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1171016	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	614992	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1088510	20.000	ng	0.00
76) Chrysene-d12	13.910	240	779292	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	607339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2563281	137.950	ng	0.02
7) Phenol-d6	6.392	99	3066724	129.341	ng	0.00
23) Nitrobenzene-d5	7.322	82	2143860	95.429	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	986065	159.857	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3491665	87.220	ng	0.00
79) Terphenyl-d14	12.868	244	4073180	89.173	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.775	146	87845	4.231	ng	99
14) 1,2-Dichlorobenzene	6.928	146	145349	7.498	ng	97
27) 2,4-Dimethylphenol	7.692	122	92129	5.199	ng	99
31) Naphthalene	8.063	128	266926	4.511	ng	99
80) Butylbenzylphthalate	13.339	149	4983	5.423	ng	95
84) Bis(2-ethylhexyl)phtha...	13.910	149	90364	4.483	ng	100

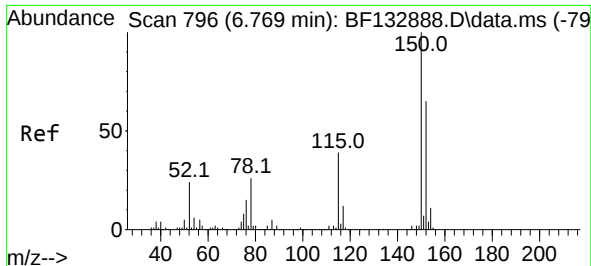
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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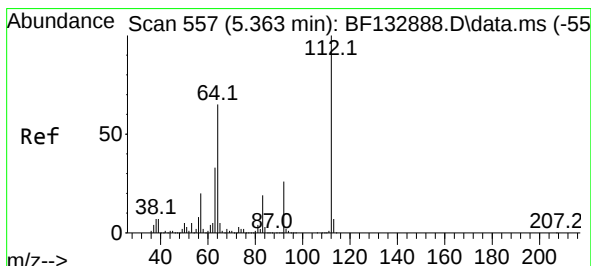
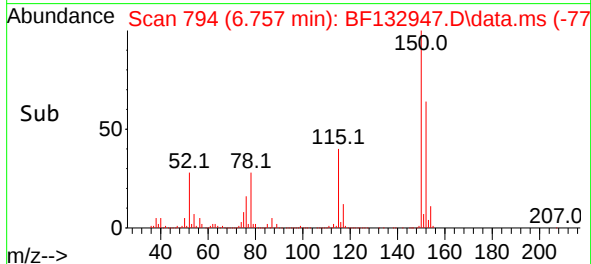
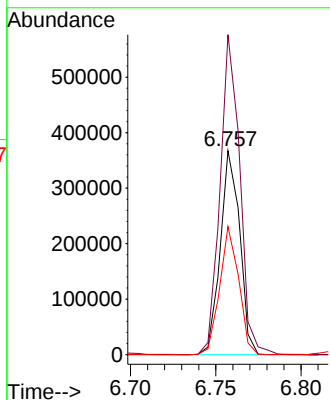
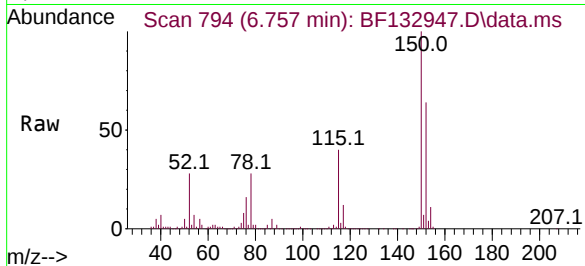




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

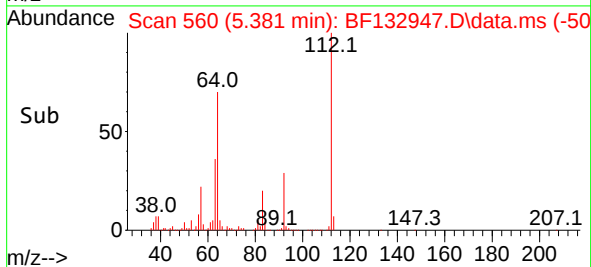
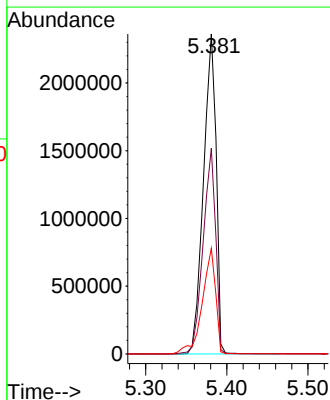
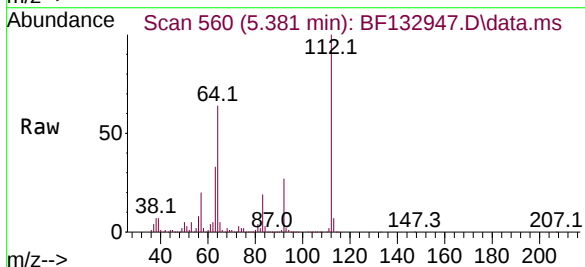
Instrument :
BNA_F
ClientSampleId :
SPA-2WC-23-04

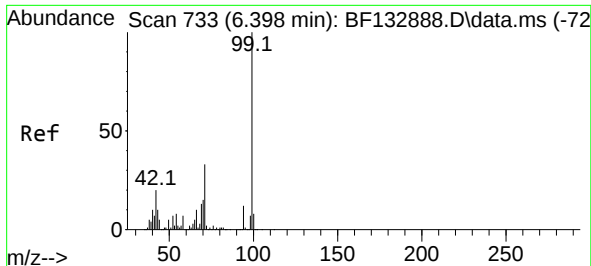
Tgt Ion:152 Resp: 290549
Ion Ratio Lower Upper
152 100
150 156.9 122.8 184.2
115 62.8 47.3 70.9



#5
2-Fluorophenol
Concen: 137.950 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.024 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

Tgt Ion:112 Resp: 2563281
Ion Ratio Lower Upper
112 100
64 64.2 51.8 77.8
63 33.0 26.3 39.5





#7

Phenol-d6

Concen: 129.341 ng

RT: 6.392 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

Instrument :

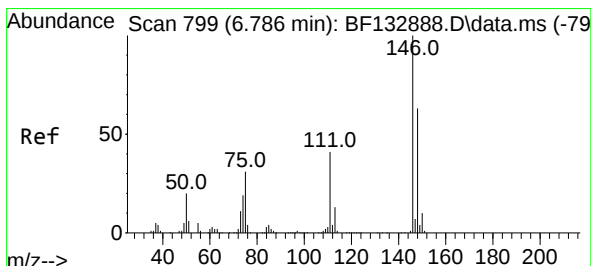
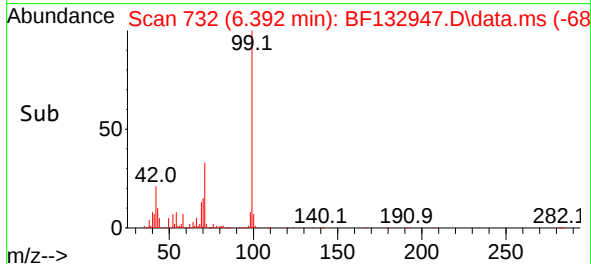
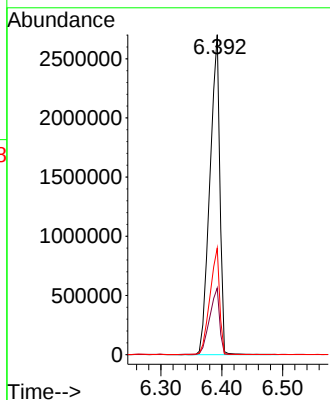
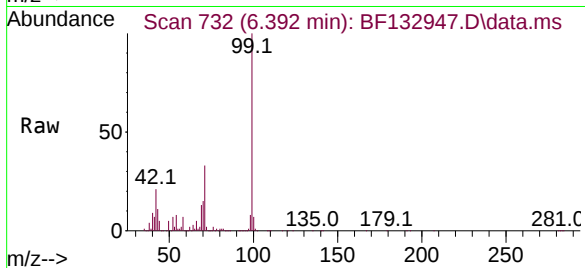
BNA_F

ClientSampleId :

SPA-2WC-23-04

Tgt Ion: 99 Resp: 3066724

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.1	24.1
71	33.3	26.1	39.1



#13

1,4-Dichlorobenzene

Concen: 4.231 ng

RT: 6.775 min Scan# 797

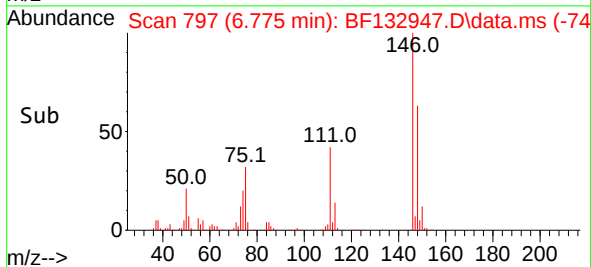
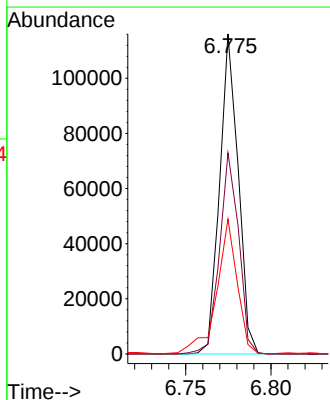
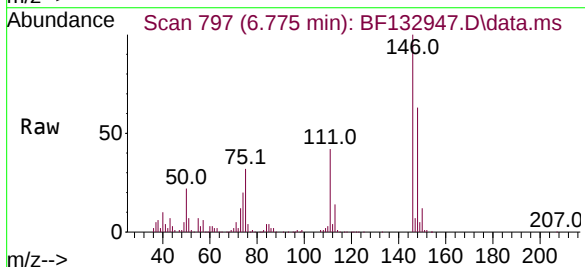
Delta R.T. 0.000 min

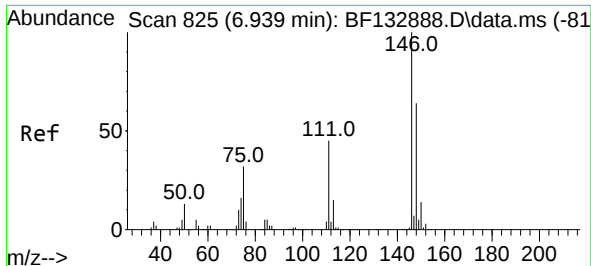
Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

Tgt Ion: 146 Resp: 87845

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.7	76.1
111	42.1	32.5	48.7

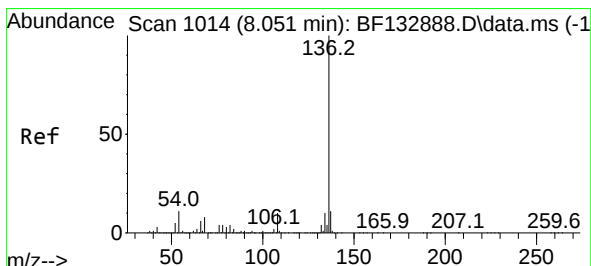
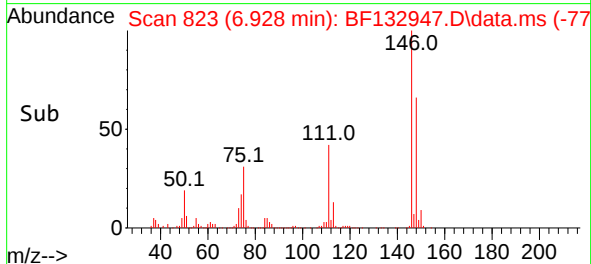
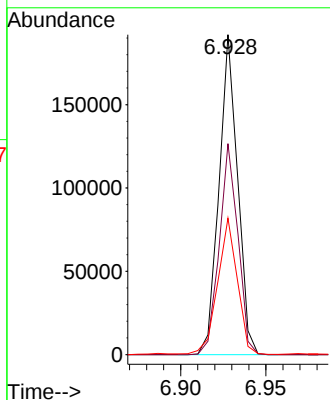
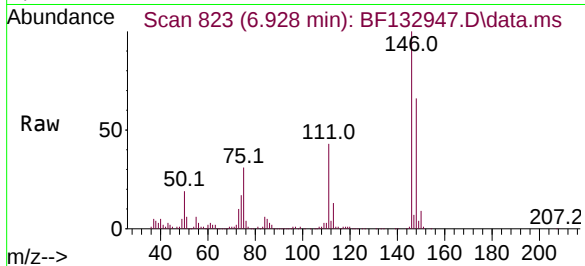




#14
1,2-Dichlorobenzene
Concen: 7.498 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

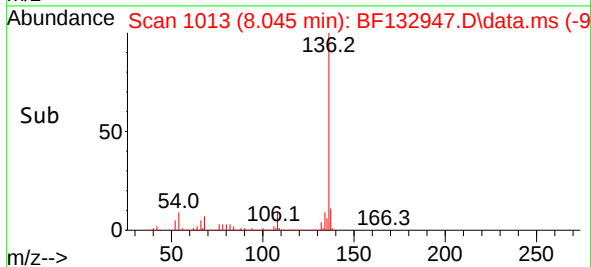
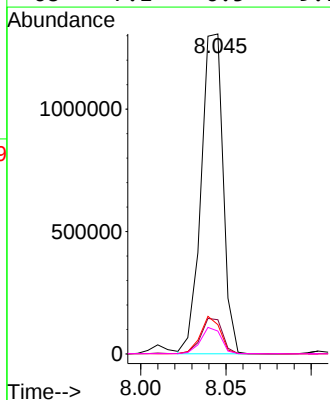
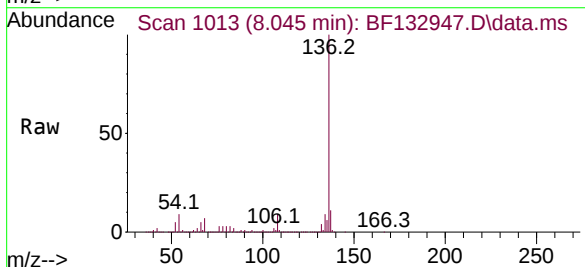
Instrument :
BNA_F
ClientSampleId :
SPA-2WC-23-04

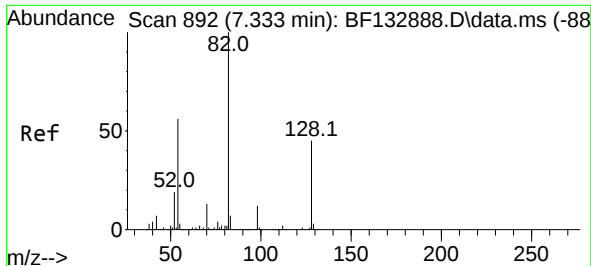
Tgt Ion:146 Resp: 145349
Ion Ratio Lower Upper
146 100
148 65.9 51.3 76.9
111 42.6 36.0 54.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

Tgt Ion:136 Resp: 1171016
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.1 8.9 13.3
68 7.1 6.5 9.7





#23

Nitrobenzene-d5

Concen: 95.429 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

Instrument :

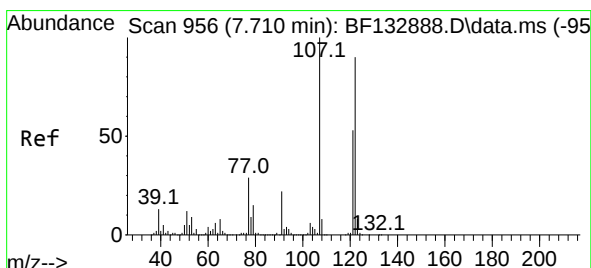
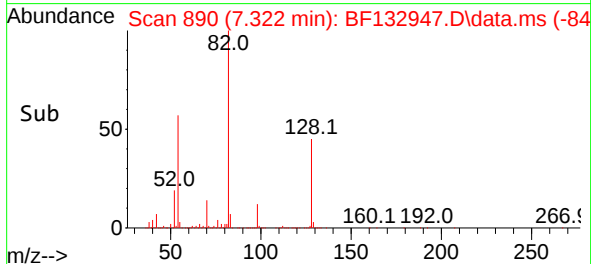
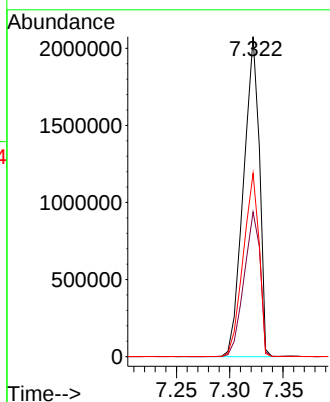
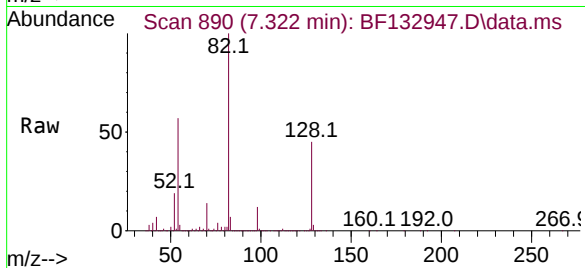
BNA_F

ClientSampleId :

SPA-2WC-23-04

Tgt Ion: 82 Resp: 2143860

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	57.3	44.7	67.1



#27

2,4-Dimethylphenol

Concen: 5.199 ng

RT: 7.692 min Scan# 953

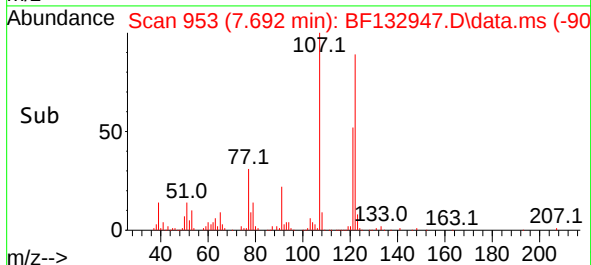
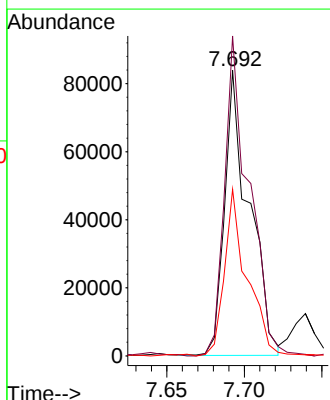
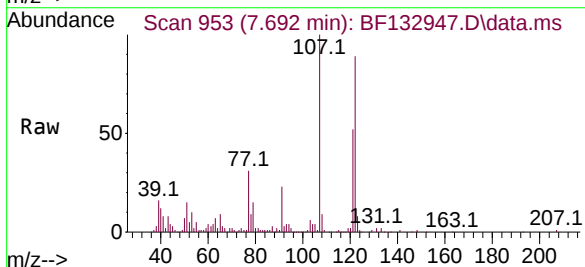
Delta R.T. -0.006 min

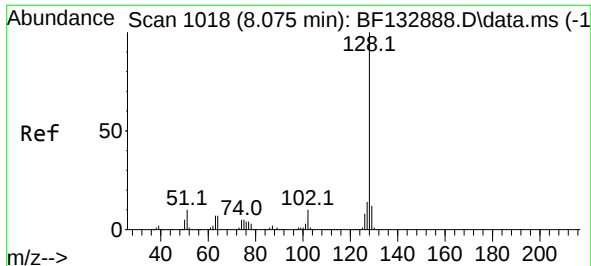
Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

Tgt Ion: 122 Resp: 92129

Ion	Ratio	Lower	Upper
122	100		
107	112.1	88.5	132.7
121	58.4	47.2	70.8

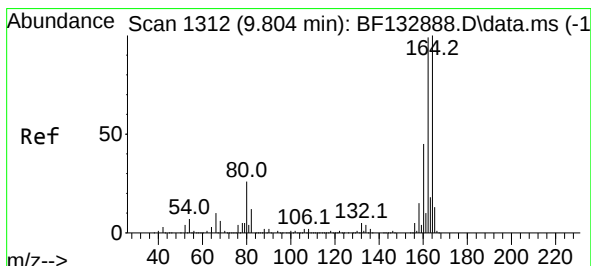
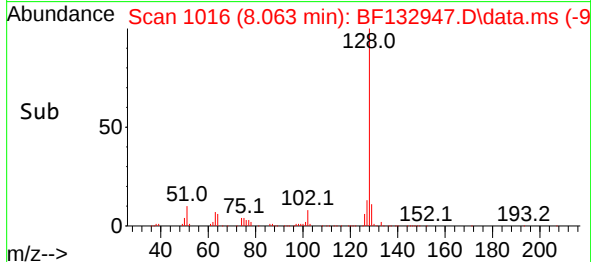
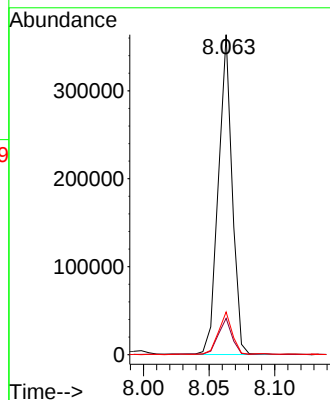
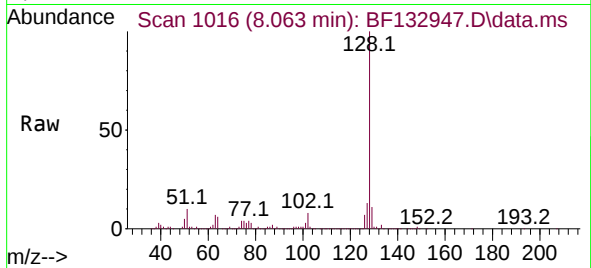




#31
Naphthalene
Concen: 4.511 ng
RT: 8.063 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

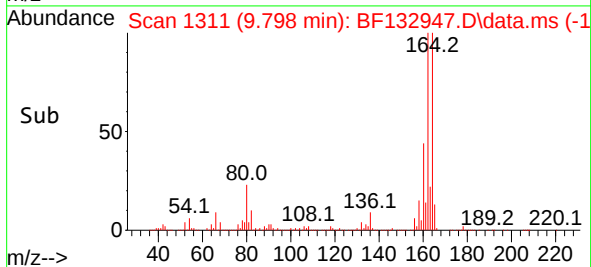
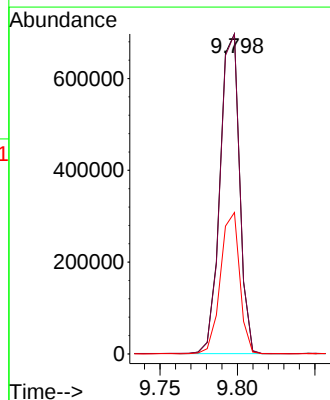
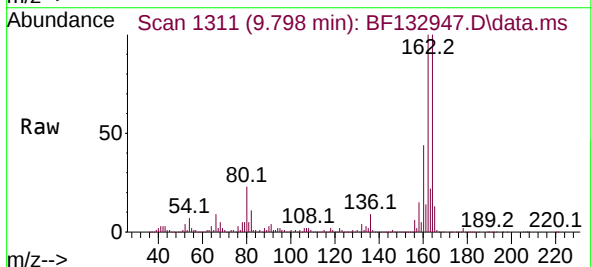
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SPA-2WC-23-04

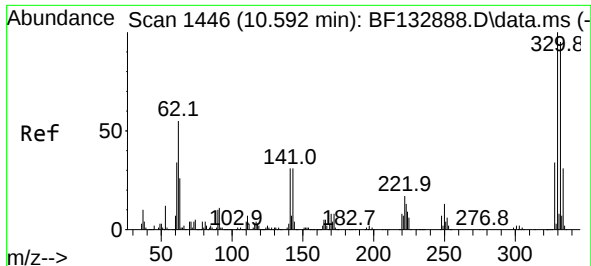
Tgt Ion:128 Resp: 266926
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.3 11.0 16.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

Tgt Ion:164 Resp: 614992
Ion Ratio Lower Upper
164 100
162 99.9 79.1 118.7
160 44.2 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 159.857 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SPA-2WC-23-04

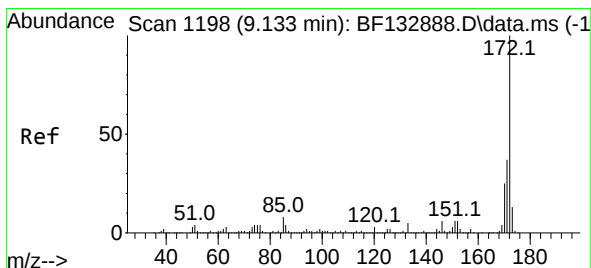
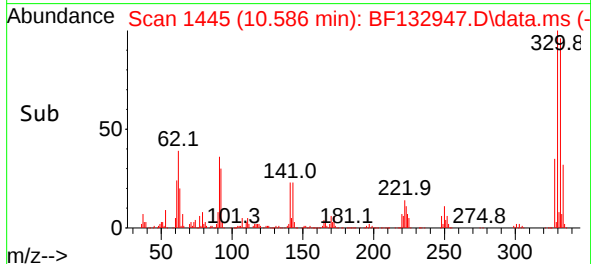
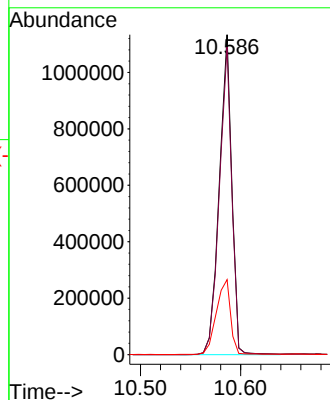
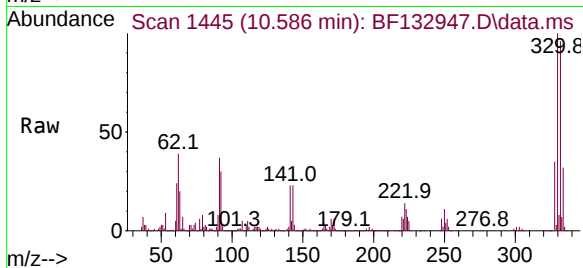
Tgt Ion:330 Resp: 986065

Ion Ratio Lower Upper

330 100

332 96.2 76.3 114.5

141 26.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 87.220 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

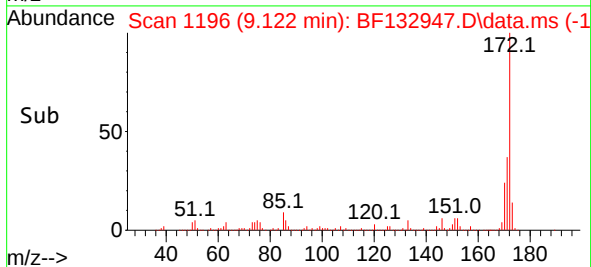
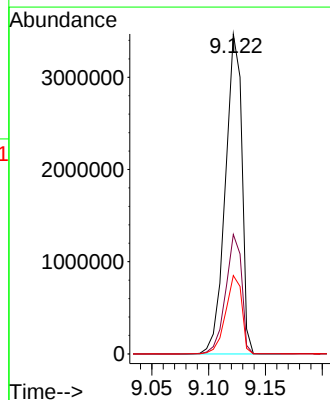
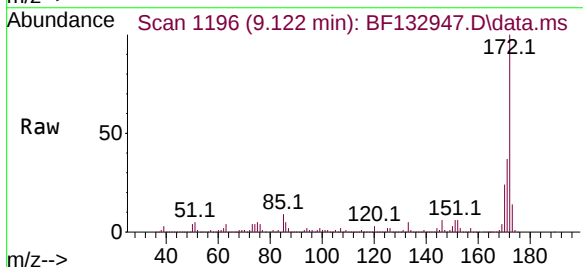
Tgt Ion:172 Resp: 3491665

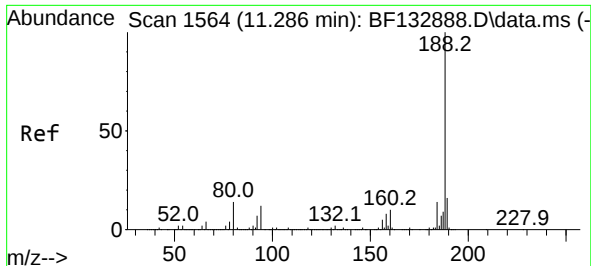
Ion Ratio Lower Upper

172 100

171 37.3 29.4 44.0

170 24.5 20.1 30.1

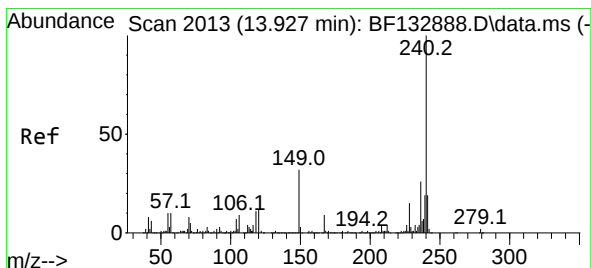
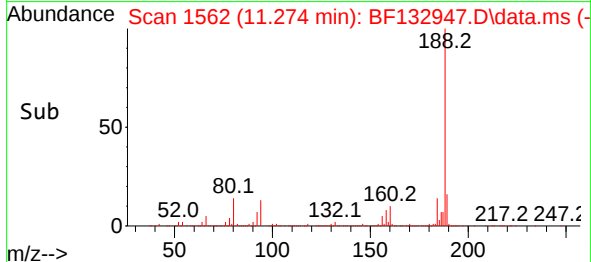
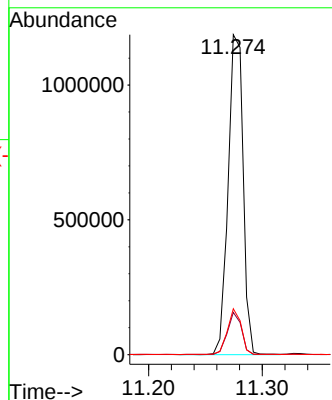
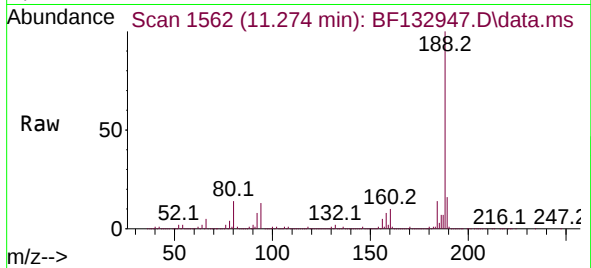




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

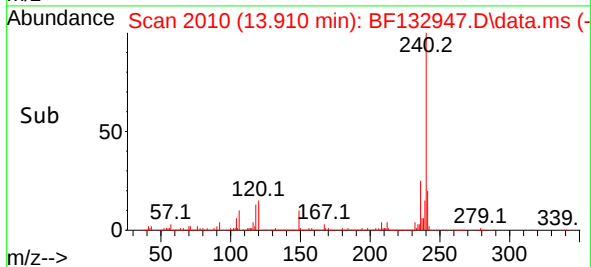
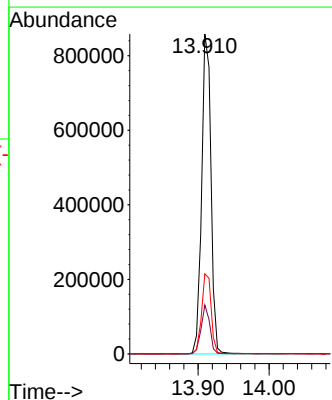
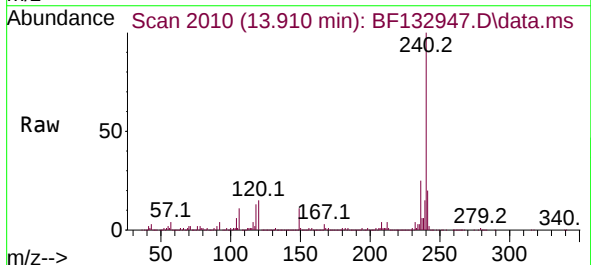
Instrument :
BNA_F
ClientSampleId :
SPA-2WC-23-04

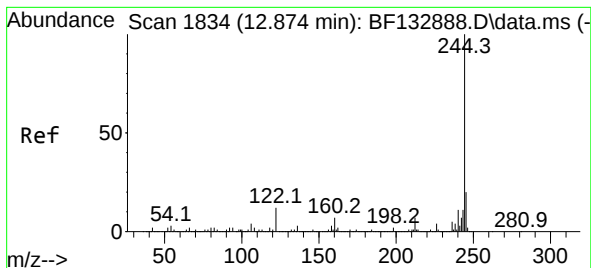
Tgt Ion:188 Resp: 1088510
Ion Ratio Lower Upper
188 100
94 13.2 9.9 14.9
80 14.3 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

Tgt Ion:240 Resp: 779292
Ion Ratio Lower Upper
240 100
120 15.3 10.0 15.0#
236 25.0 20.8 31.2





#79

Terphenyl-d14

Concen: 89.173 ng

RT: 12.868 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

Instrument :

BNA_F

ClientSampleId :

SPA-2WC-23-04

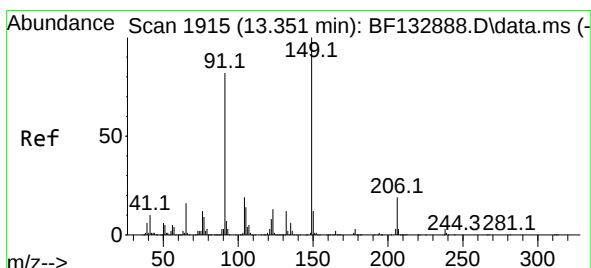
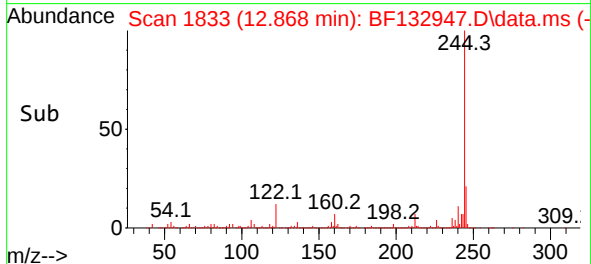
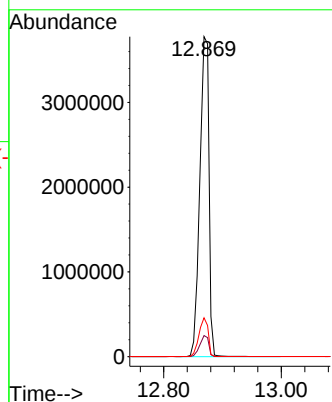
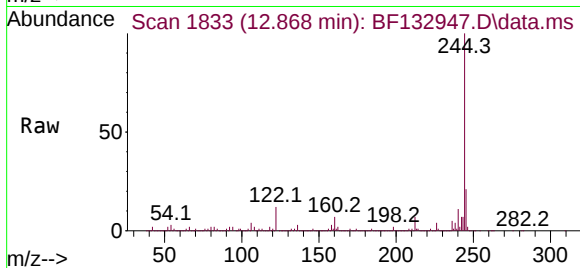
Tgt Ion:244 Resp: 4073180

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 12.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.423 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.006 min

Lab File: BF132947.D

Acq: 20 Apr 2023 20:34

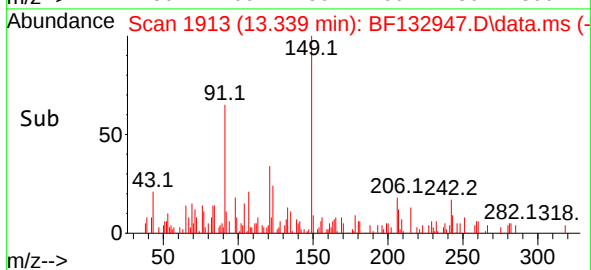
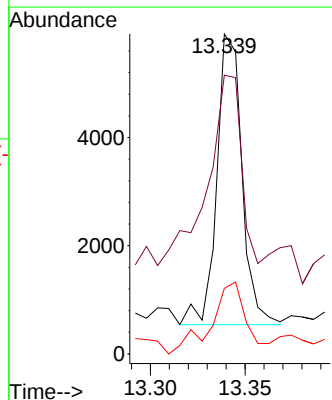
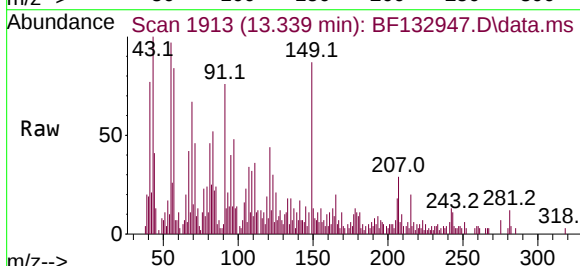
Tgt Ion:149 Resp: 4983

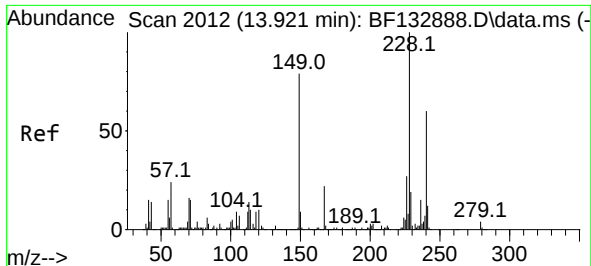
Ion Ratio Lower Upper

149 100

91 87.1 65.4 98.0

206 20.5 15.6 23.4

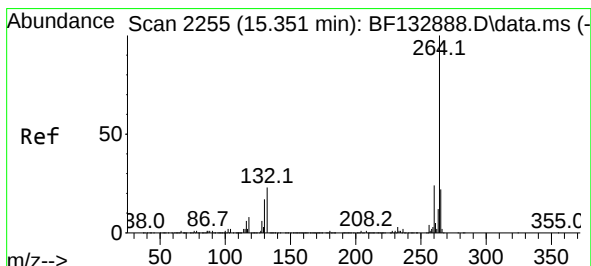
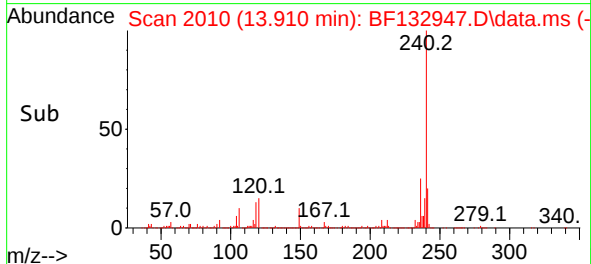
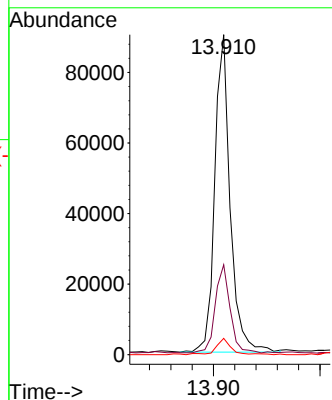
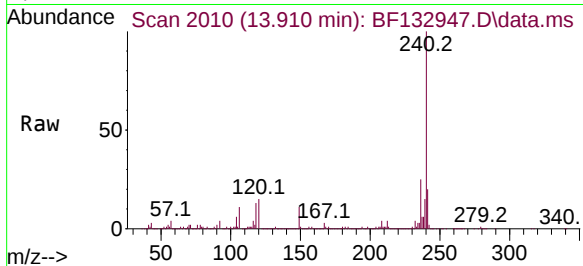




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.483 ng
RT: 13.910 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

Instrument :
BNA_F
ClientSampleId :
SPA-2WC-23-04

Tgt Ion:149 Resp: 90364
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 5.1 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF132947.D
Acq: 20 Apr 2023 20:34

Tgt Ion:264 Resp: 607339
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.6 17.7 26.5

