

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131393.D
 Acq On : 25 Nov 2022 13:27
 Operator : CG\JU
 Sample : N5742-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP111822

Quant Time: Nov 25 23:16:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

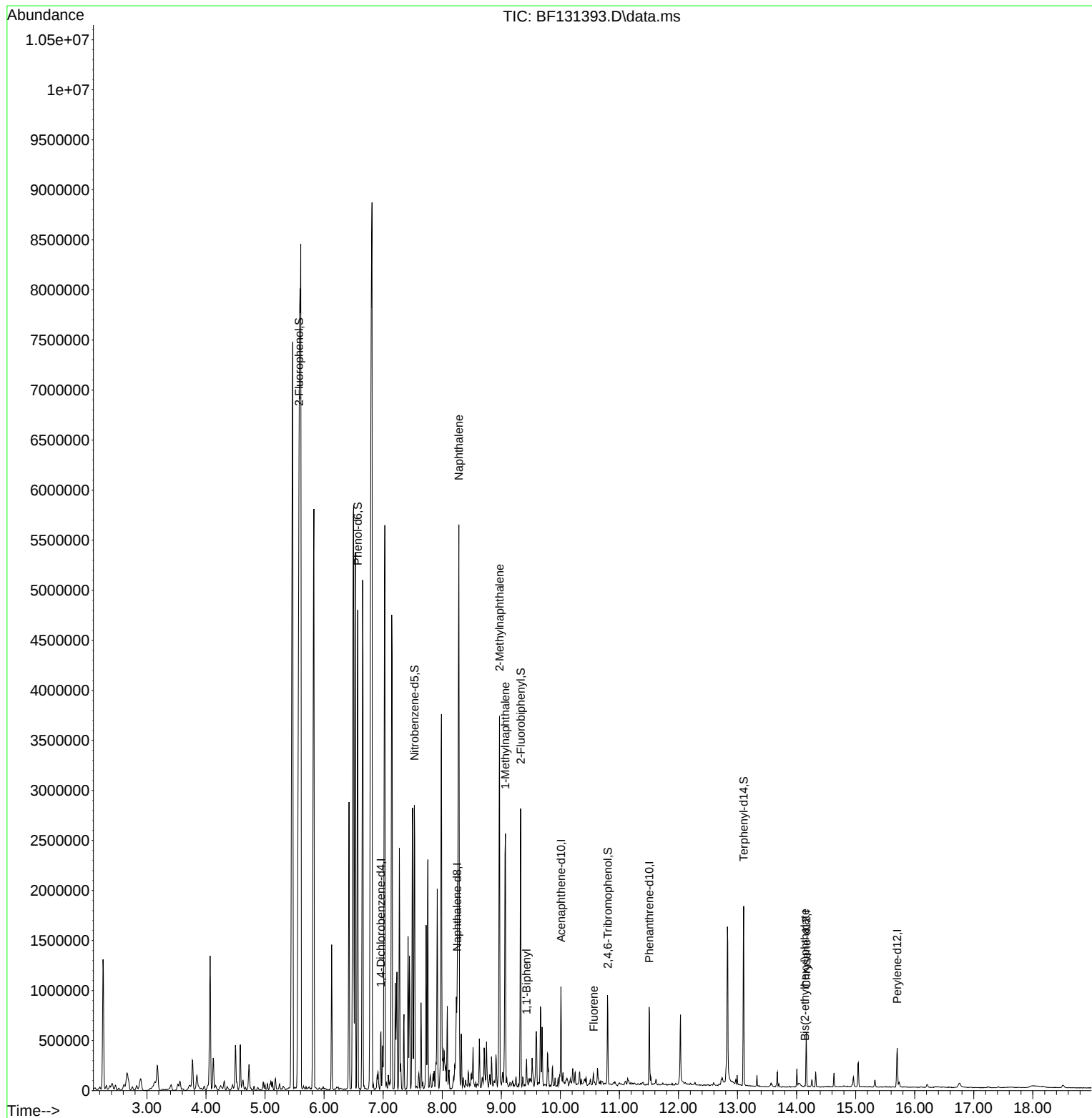
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	85356	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	298903	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	174261	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	293013	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	166947	20.000	ng	-0.01
86) Perylene-d12	15.704	264	184903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	69321	15.457	ng	0.01
7) Phenol-d6	6.569	99	67793	11.848	ng	-0.01
23) Nitrobenzene-d5	7.528	82	392040	66.116	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	94273	64.303	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	790749	66.016	ng	0.00
79) Terphenyl-d14	13.104	244	589320	57.725	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.281	128	2917533	183.165	ng	99
37) 2-Methylnaphthalene	8.969	142	993617	92.066	ng	99
38) 1-Methylnaphthalene	9.069	142	655786	62.662	ng	99
46) 1,1'-Biphenyl	9.428	154	69759	5.246	ng	97
58) Fluorene	10.563	166	27181	2.377	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.139	149	3786	4.280	ng	93

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

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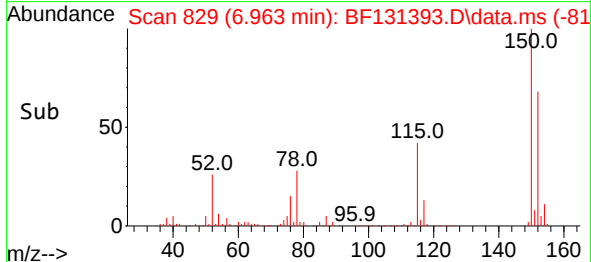
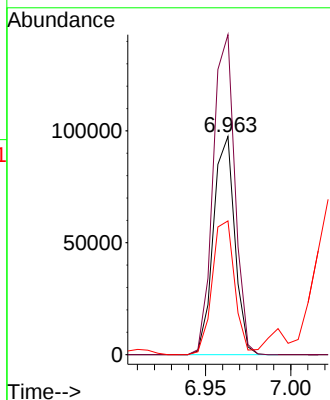
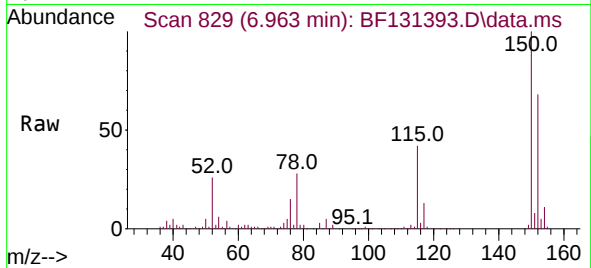




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

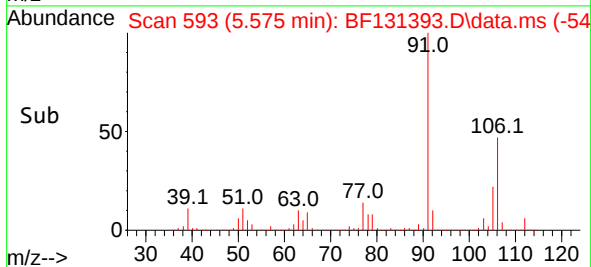
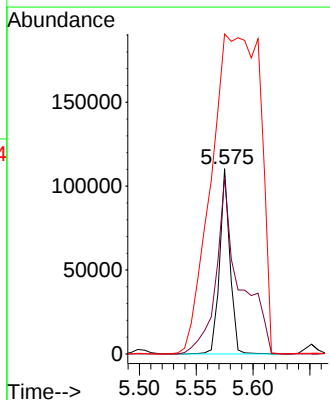
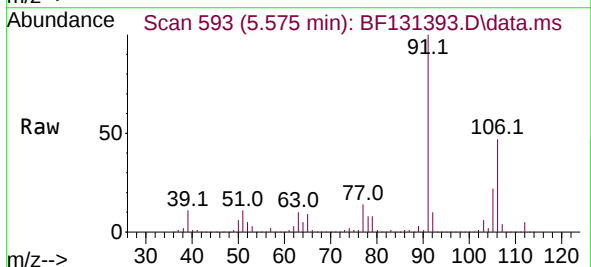
Instrument :
BNA_F
ClientSampleId :
DUP111822

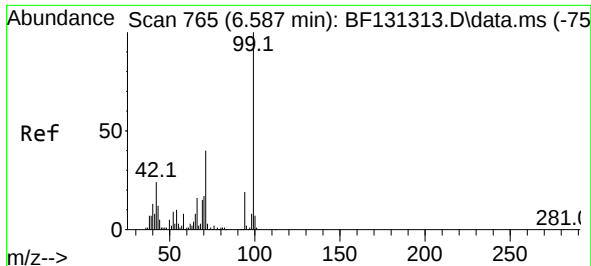
Tgt Ion:152 Resp: 85356
Ion Ratio Lower Upper
152 100
150 146.6 117.8 176.8
115 61.3 47.1 70.7



#5
2-Fluorophenol
Concen: 15.457 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

Tgt Ion:112 Resp: 69321
Ion Ratio Lower Upper
112 100
64 95.5 58.6 88.0#
63 172.8 31.4 47.0#

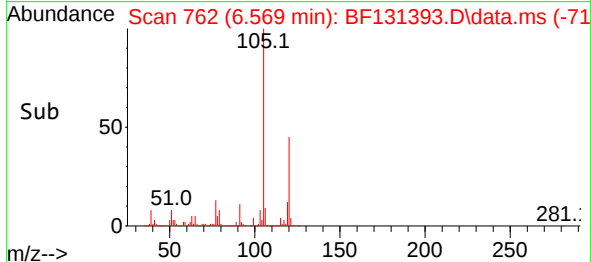
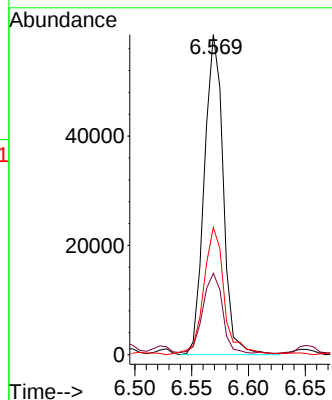
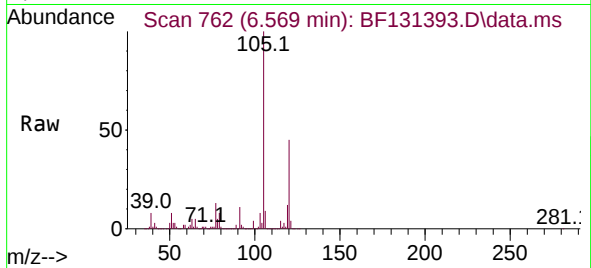




#7
Phenol-d6
Concen: 11.848 ng
RT: 6.569 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

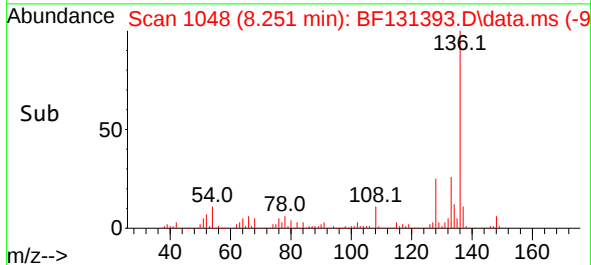
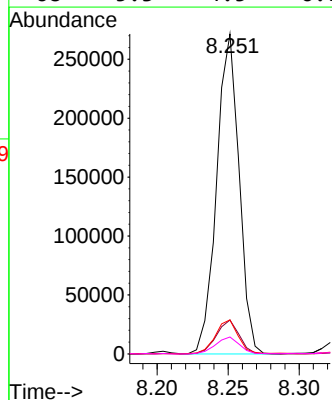
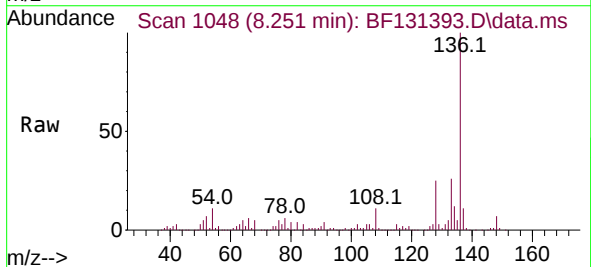
Instrument :
BNA_F
ClientSampleId :
DUP111822

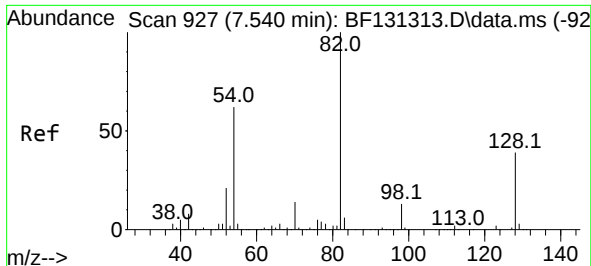
Tgt Ion: 99 Resp: 67793
Ion Ratio Lower Upper
99 100
42 25.4 19.4 29.2
71 39.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

Tgt Ion: 136 Resp: 298903
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.6 9.4 14.0
68 5.3 4.5 6.7

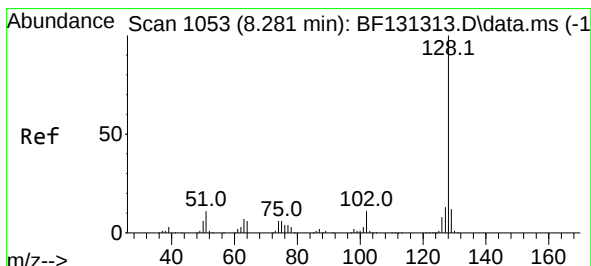
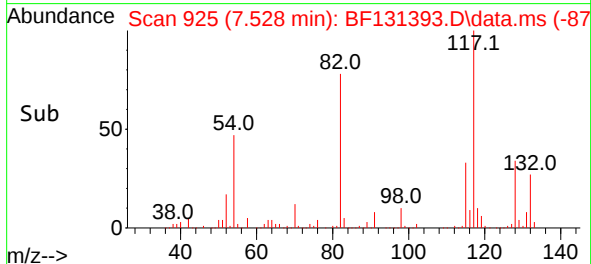
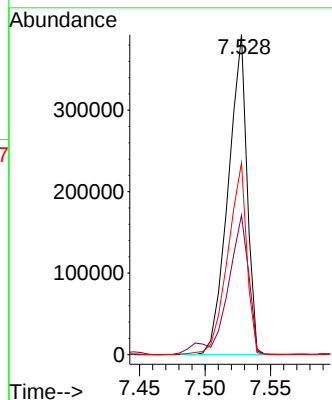
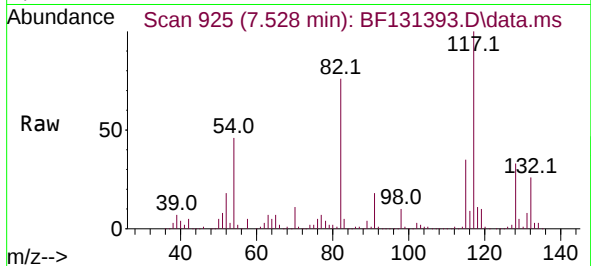




#23
Nitrobenzene-d5
Concen: 66.116 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

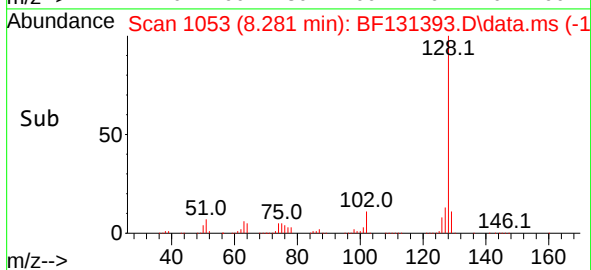
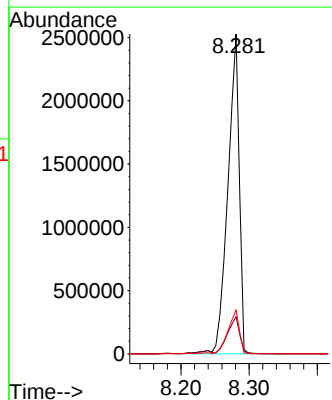
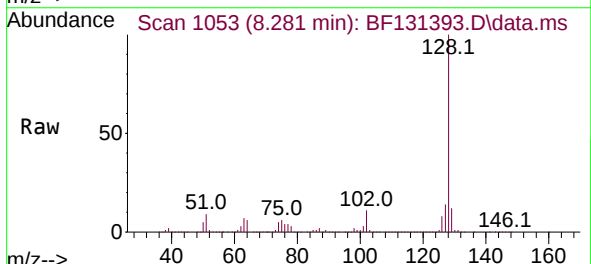
Instrument :
BNA_F
ClientSampleId :
DUP111822

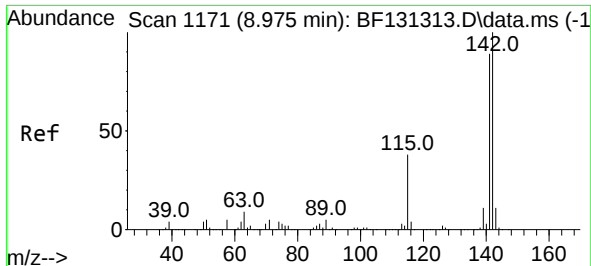
Tgt Ion: 82 Resp: 392040
Ion Ratio Lower Upper
82 100
128 43.6 31.4 47.0
54 59.9 49.8 74.6



#31
Naphthalene
Concen: 183.165 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

Tgt Ion: 128 Resp: 2917533
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 10.6 16.0





#37

2-Methylnaphthalene

Concen: 92.066 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF131393.D

Acq: 25 Nov 2022 13:27

Instrument :

BNA_F

ClientSampleId :

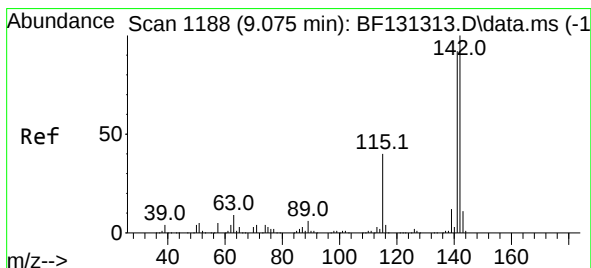
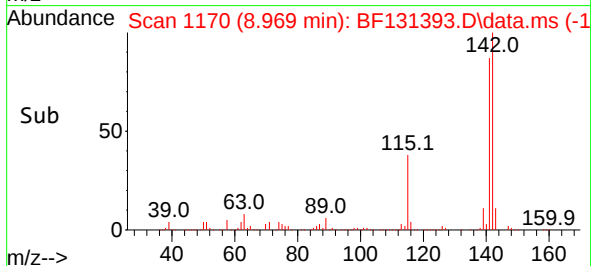
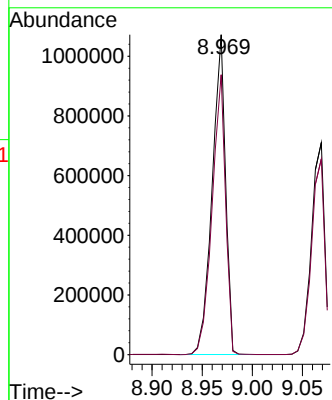
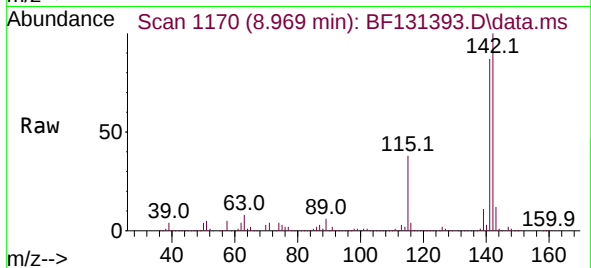
DUP111822

Tgt Ion:142 Resp: 993617

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 62.662 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF131393.D

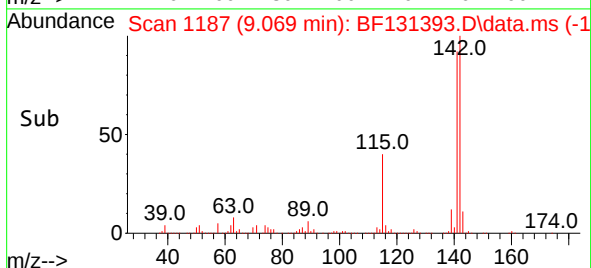
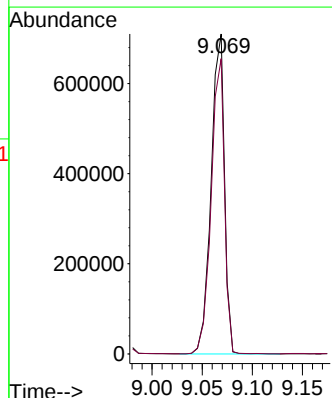
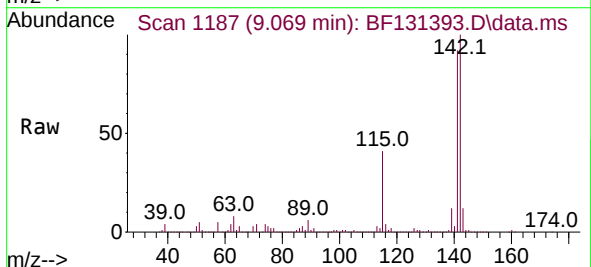
Acq: 25 Nov 2022 13:27

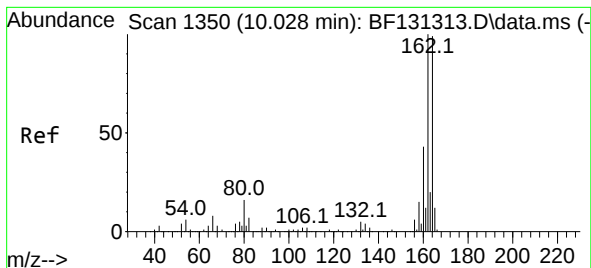
Tgt Ion:142 Resp: 655786

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF131393.D

Acq: 25 Nov 2022 13:27

Instrument :

BNA_F

ClientSampleId :

DUP111822

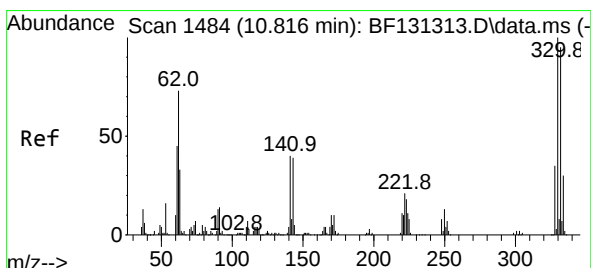
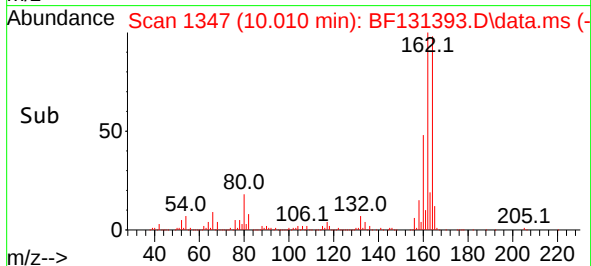
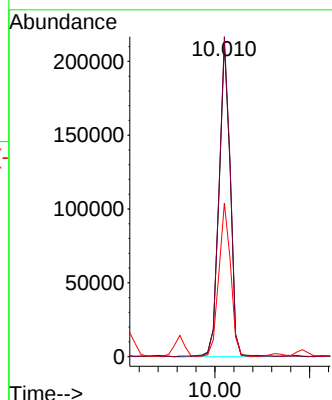
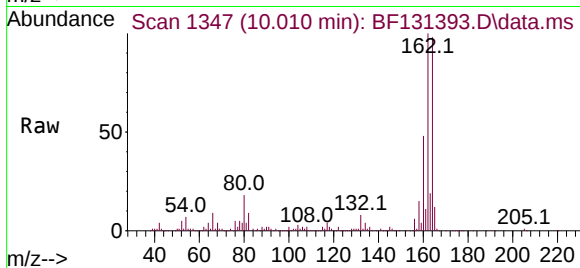
Tgt Ion:164 Resp: 174261

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

160 48.9 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 64.303 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131393.D

Acq: 25 Nov 2022 13:27

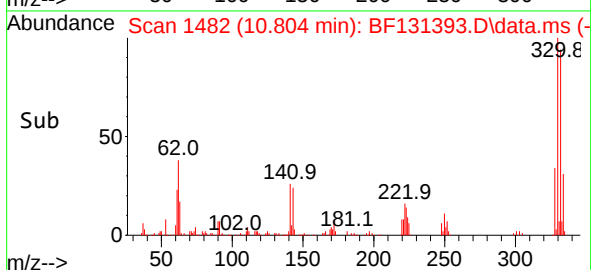
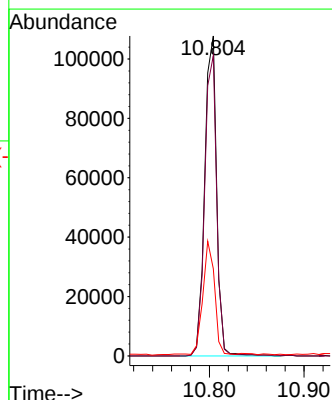
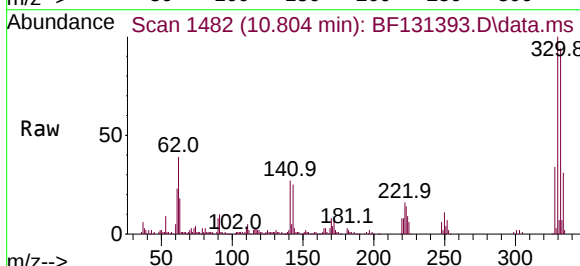
Tgt Ion:330 Resp: 94273

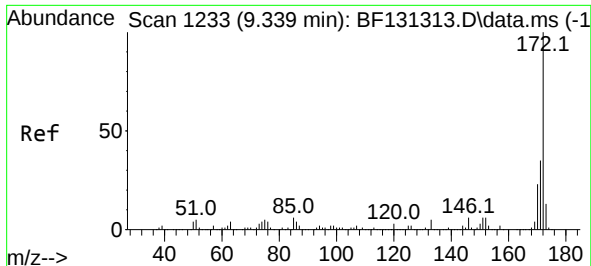
Ion Ratio Lower Upper

330 100

332 95.2 77.5 116.3

141 36.0 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 66.016 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131393.D

Acq: 25 Nov 2022 13:27

Instrument :

BNA_F

ClientSampleId :

DUP111822

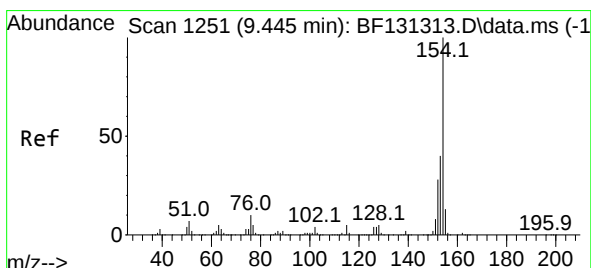
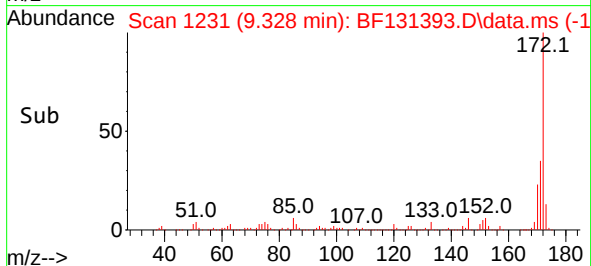
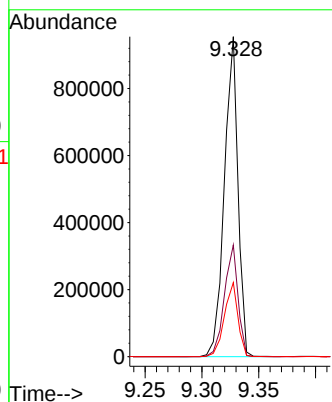
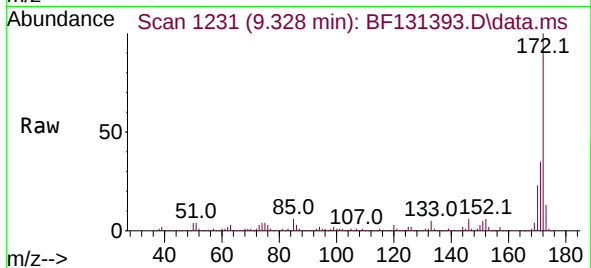
Tgt Ion:172 Resp: 790749

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.1 18.7 28.1



#46

1,1'-Biphenyl

Concen: 5.246 ng

RT: 9.428 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BF131393.D

Acq: 25 Nov 2022 13:27

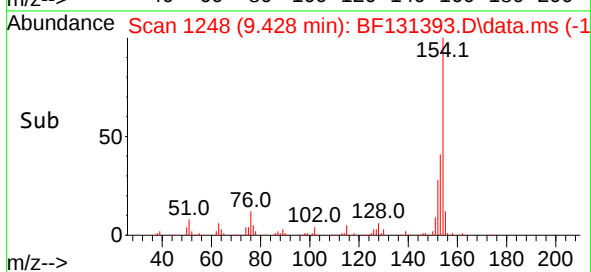
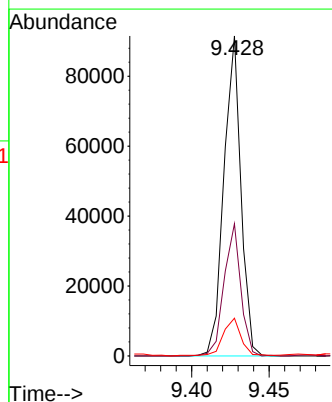
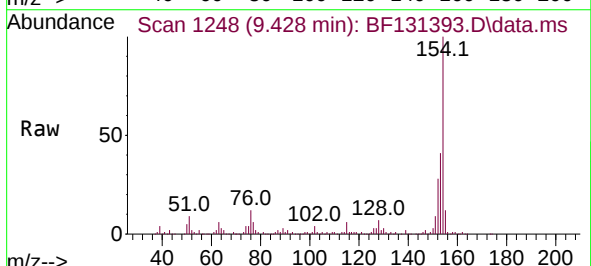
Tgt Ion:154 Resp: 69759

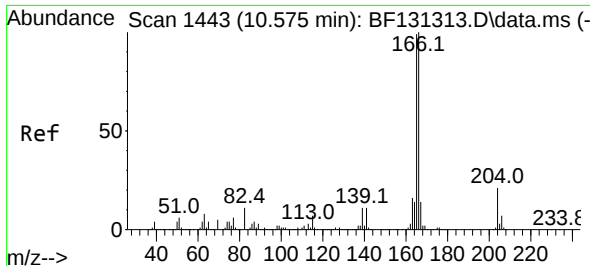
Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

76 11.8 0.0 30.2

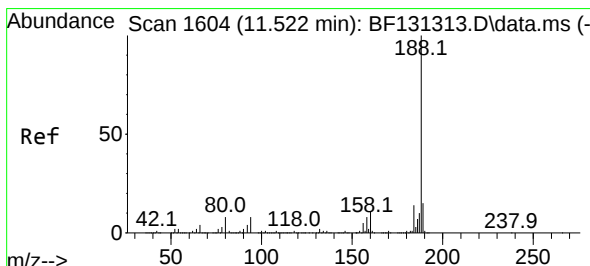
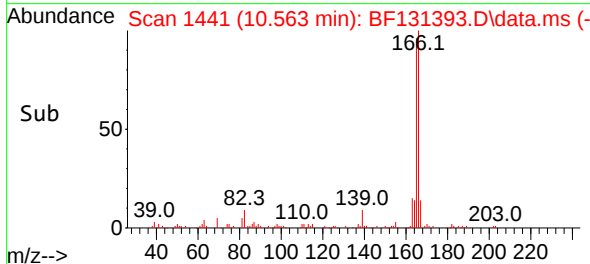
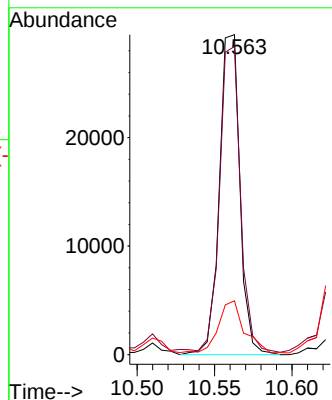
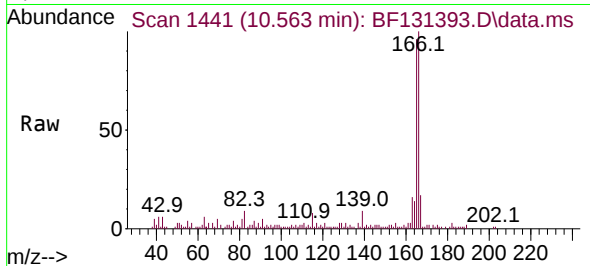




#58
Fluorene
Concen: 2.377 ng
RT: 10.563 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

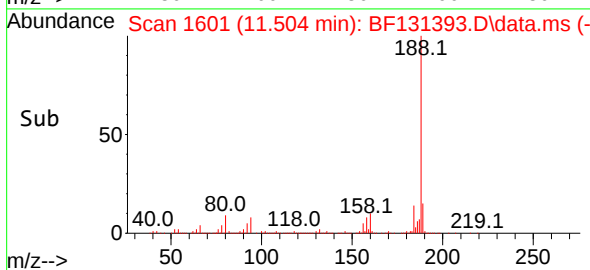
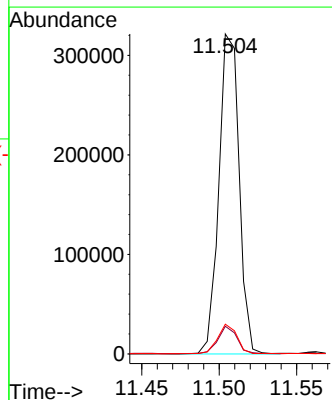
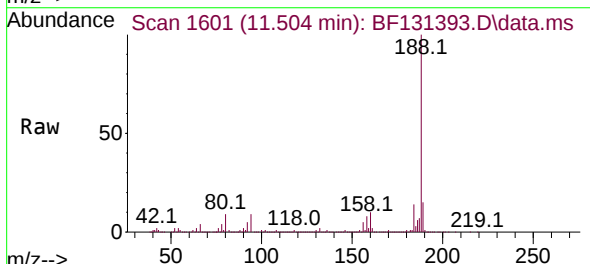
Instrument :
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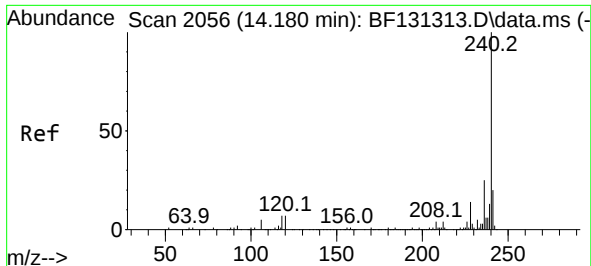
Tgt Ion:166 Resp: 27181
Ion Ratio Lower Upper
166 100
165 96.3 79.0 118.4
167 16.8 10.9 16.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

Tgt Ion:188 Resp: 293013
Ion Ratio Lower Upper
188 100
94 8.6 6.3 9.5
80 9.3 6.8 10.2

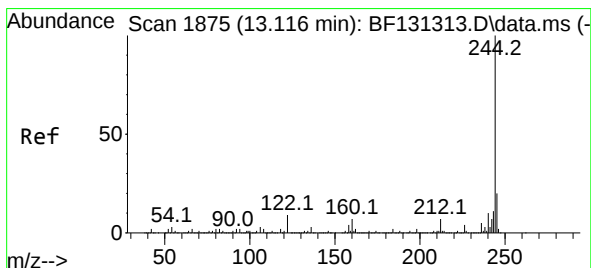
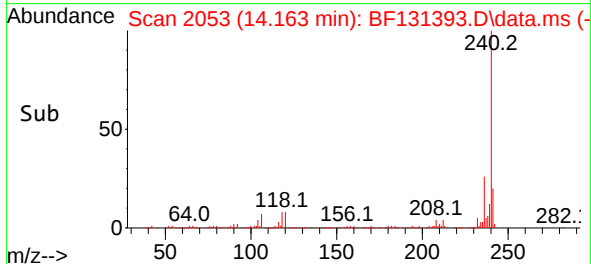
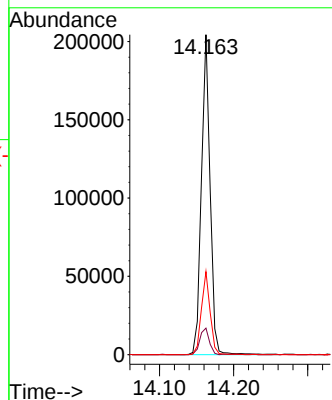
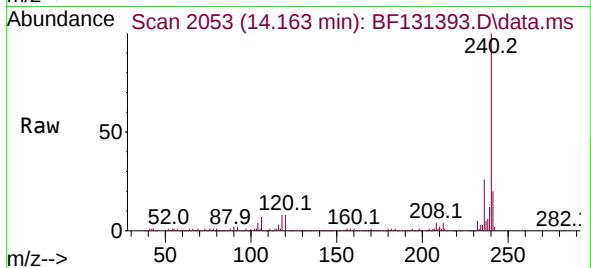




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

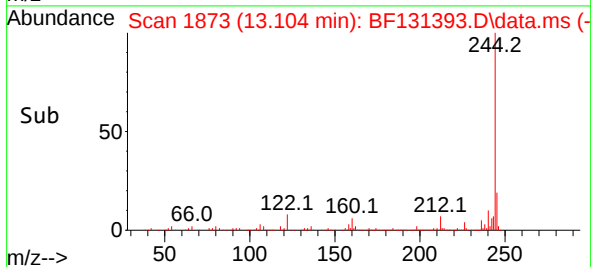
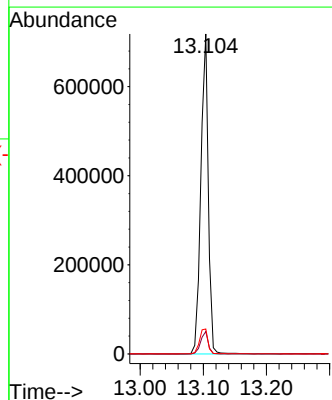
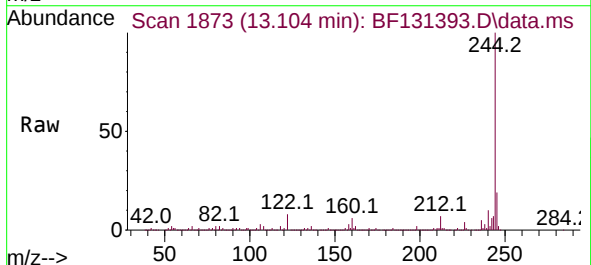
Instrument :
BNA_F
ClientSampleId :
DUP111822

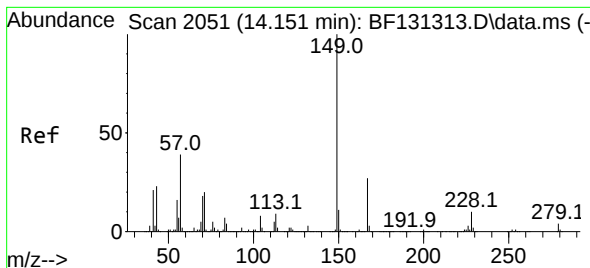
Tgt Ion:240 Resp: 166947
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 57.725 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

Tgt Ion:244 Resp: 589320
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 7.8 7.5 11.3

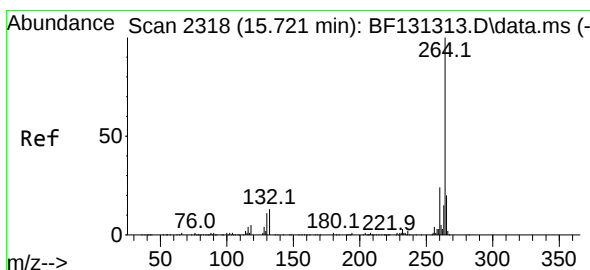
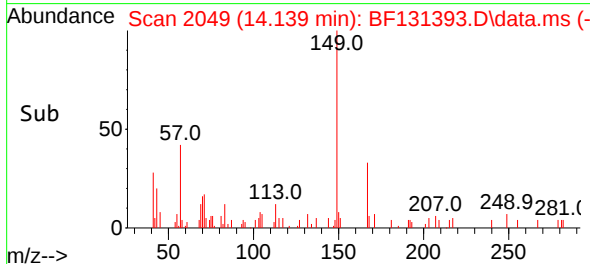
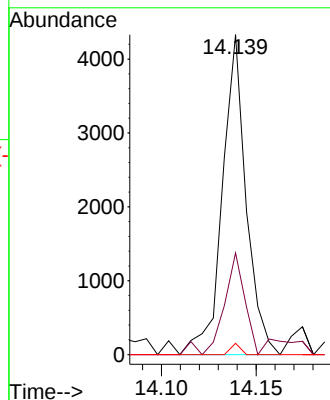
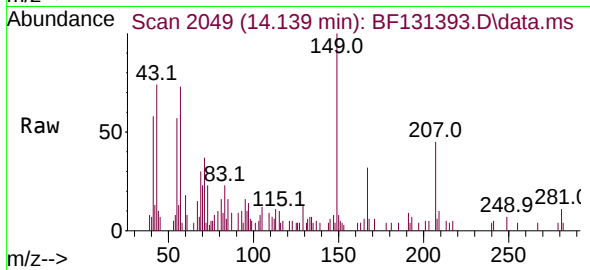




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.280 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

Instrument :
BNA_F
ClientSampleId :
DUP111822

Tgt Ion:149 Resp: 3786
Ion Ratio Lower Upper
149 100
167 31.8 21.9 32.9
279 3.5 3.0 4.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BF131393.D
Acq: 25 Nov 2022 13:27

Tgt Ion:264 Resp: 184903
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.7 16.4 24.6

