

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131423.D
 Acq On : 28 Nov 2022 11:22
 Operator : CG\JU
 Sample : N5747-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP112122

Quant Time: Nov 29 00:20:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

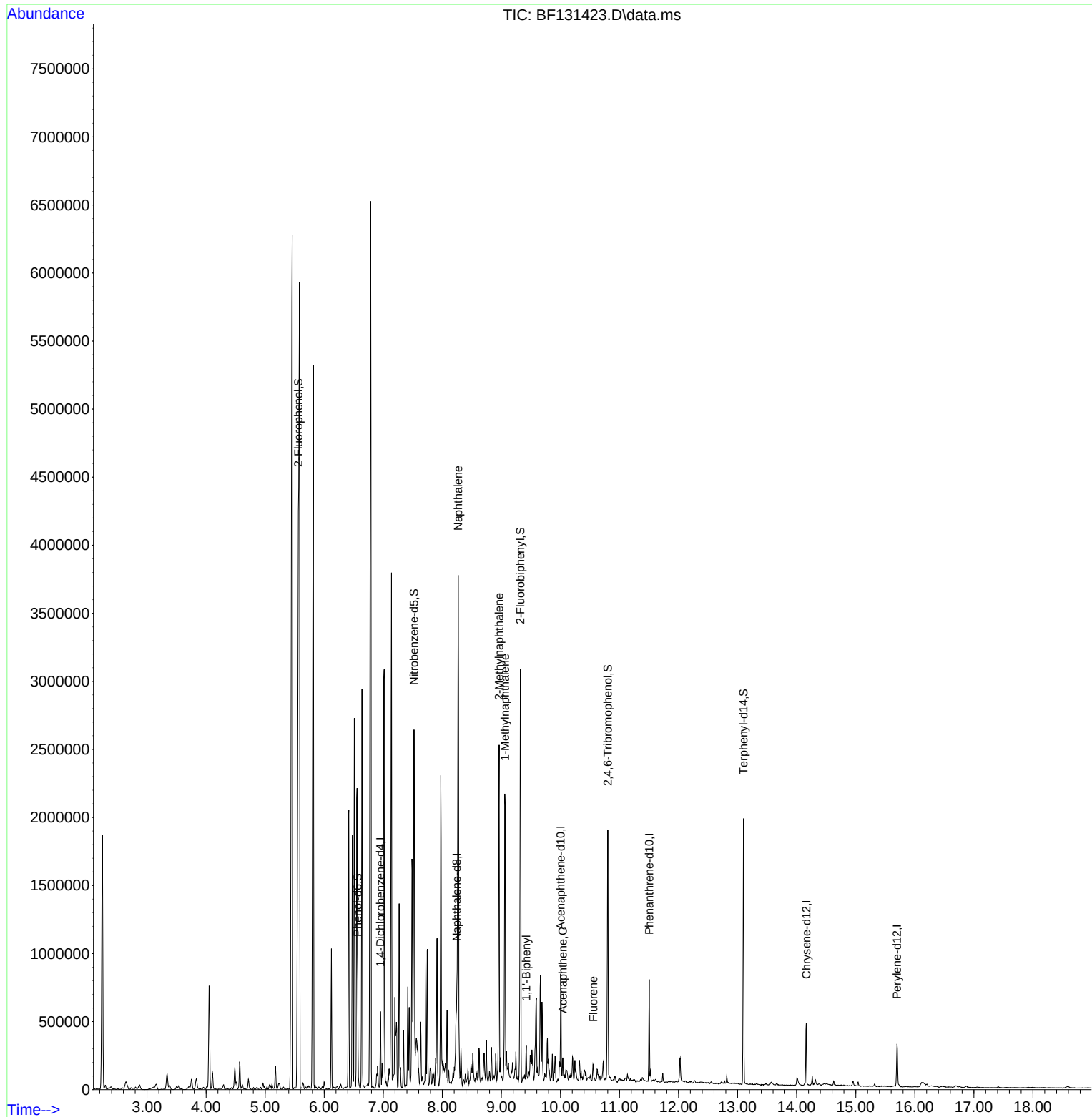
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	73672	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	258927	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	148538	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	250945	20.000	ng	0.00
76) Chrysene-d12	14.162	240	156772	20.000	ng	0.00
86) Perylene-d12	15.698	264	152316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	277601	71.714	ng	0.00
7) Phenol-d6	6.569	99	241945	48.988	ng	0.00
23) Nitrobenzene-d5	7.522	82	518731	100.988	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	228834	183.117	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	978048	95.793	ng	0.00
79) Terphenyl-d14	13.098	244	676522	70.567	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.269	128	1748725	126.736	ng	99
37) 2-Methylnaphthalene	8.963	142	639344	68.386	ng	99
38) 1-Methylnaphthalene	9.063	142	458307	50.553	ng	100
46) 1,1'-Biphenyl	9.422	154	48421	4.272	ng	99
52) Acenaphthene	10.039	154	21119	2.433	ng	# 85
58) Fluorene	10.557	166	25510	2.618	ng	94

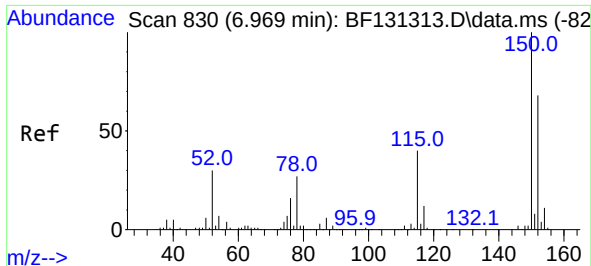
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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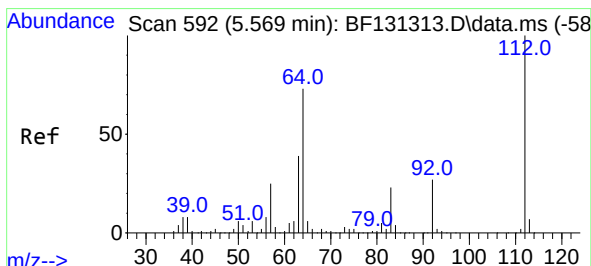
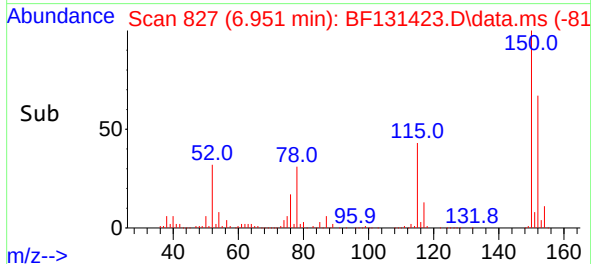
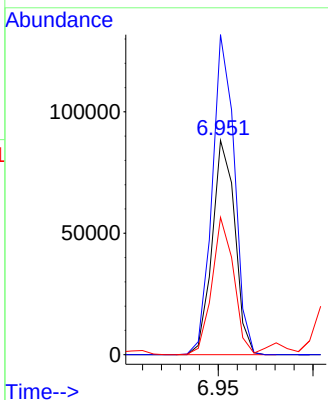
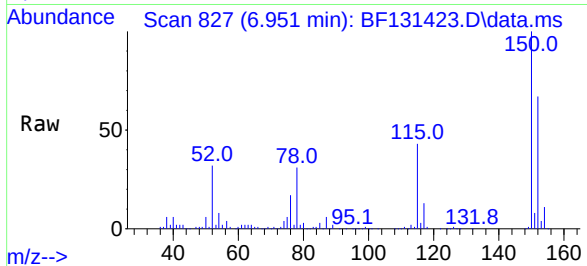




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

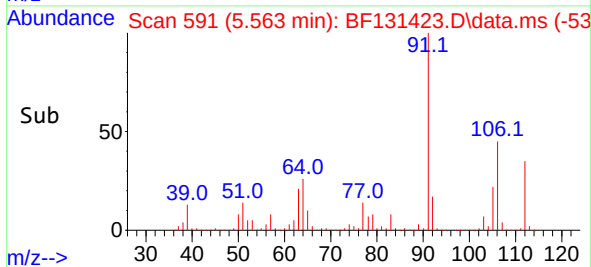
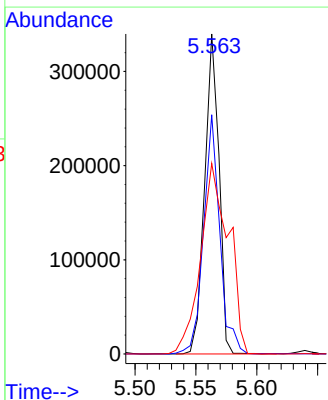
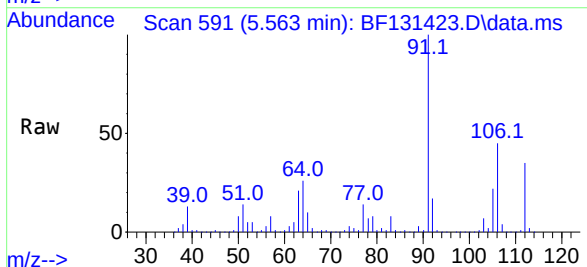
Instrument :
BNA_F
ClientSampleId :
DUP112122

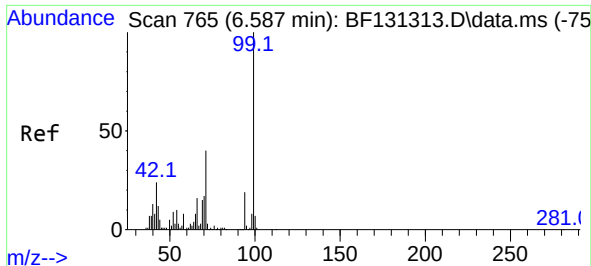
Tgt Ion:152 Resp: 73672
Ion Ratio Lower Upper
152 100
150 149.4 117.8 176.8
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 71.714 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

Tgt Ion:112 Resp: 277601
Ion Ratio Lower Upper
112 100
64 74.8 58.6 88.0
63 59.5 31.4 47.0#

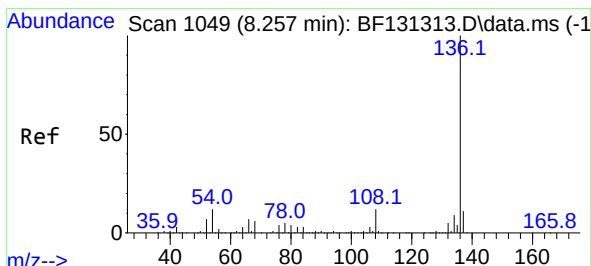
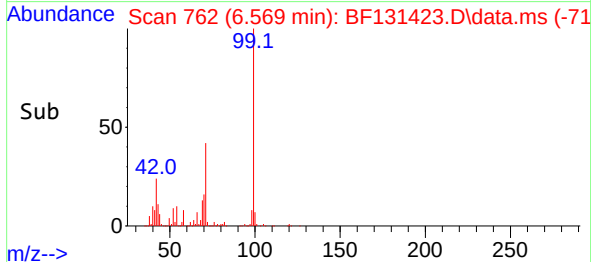
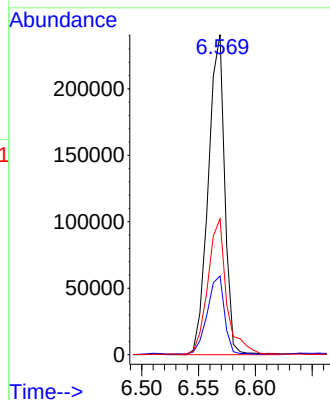
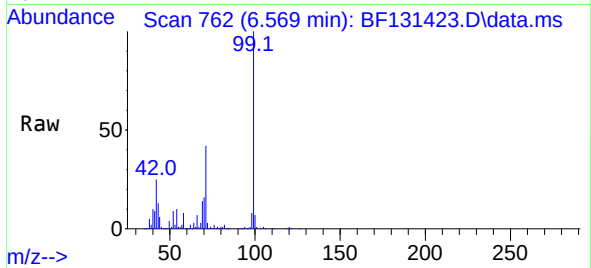




#7
Phenol-d6
Concen: 48.988 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

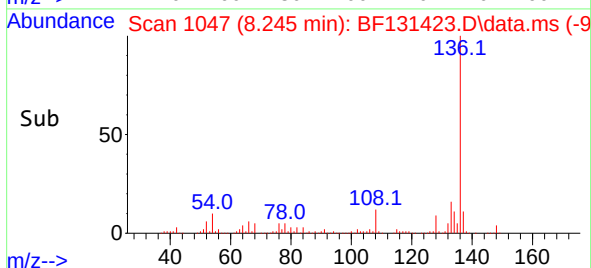
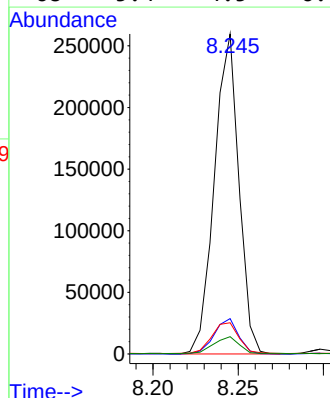
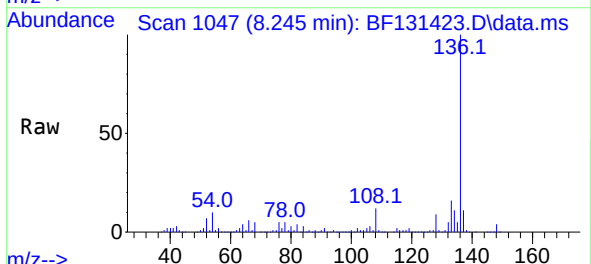
Instrument :
BNA_F
ClientSampleId :
DUP112122

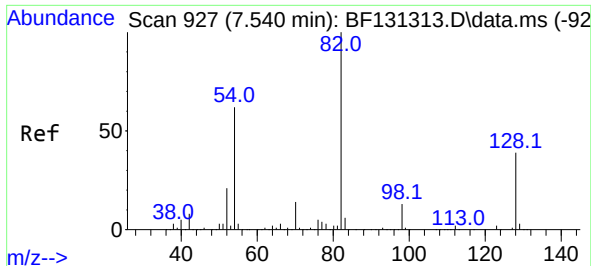
Tgt Ion: 99 Resp: 241945
Ion Ratio Lower Upper
99 100
42 24.6 19.4 29.2
71 42.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

Tgt Ion: 136 Resp: 258927
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.8 9.4 14.0
68 5.4 4.5 6.7

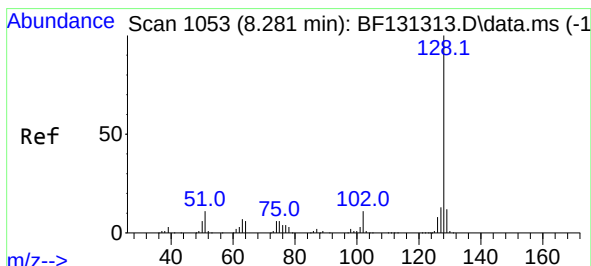
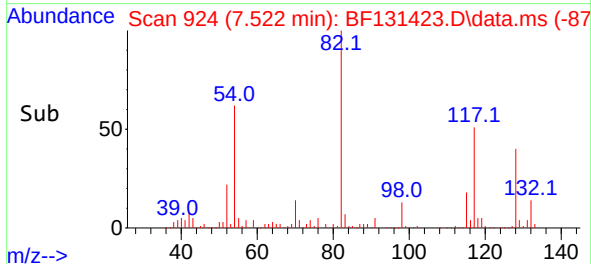
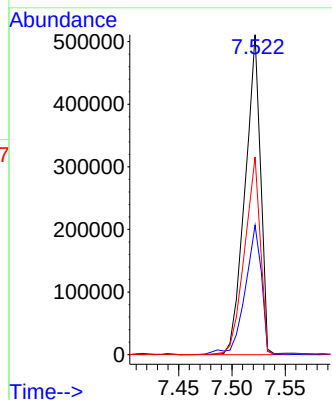
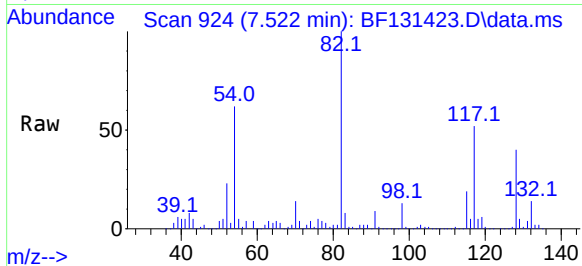




#23
Nitrobenzene-d5
Concen: 100.988 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

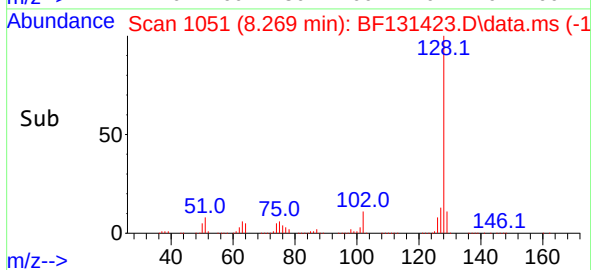
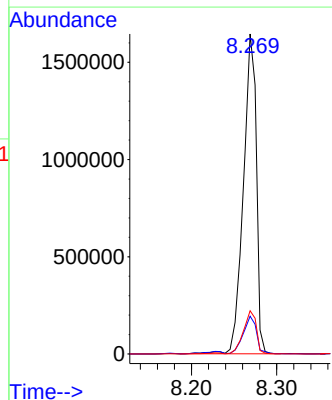
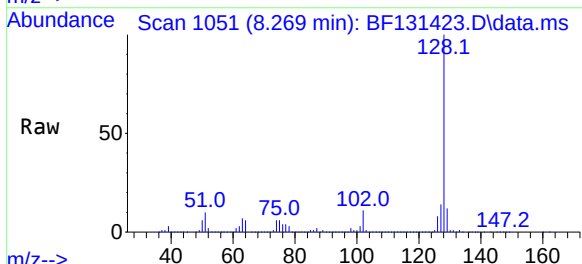
Instrument :
BNA_F
ClientSampleId :
DUP112122

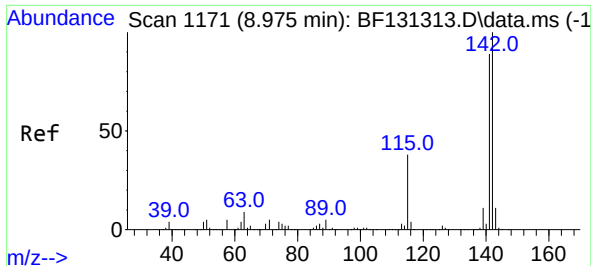
Tgt Ion: 82 Resp: 518731
Ion Ratio Lower Upper
82 100
128 40.5 31.4 47.0
54 61.8 49.8 74.6



#31
Naphthalene
Concen: 126.736 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

Tgt Ion: 128 Resp: 1748725
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.6 16.0





#37

2-Methylnaphthalene

Concen: 68.386 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF131423.D

Acq: 28 Nov 2022 11:22

Instrument :

BNA_F

ClientSampleId :

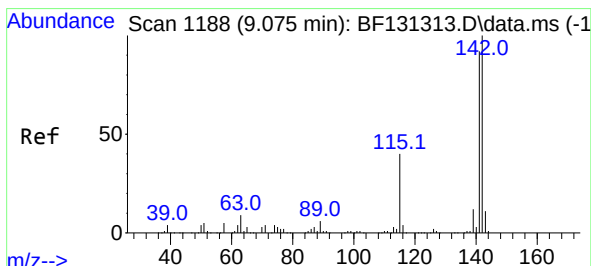
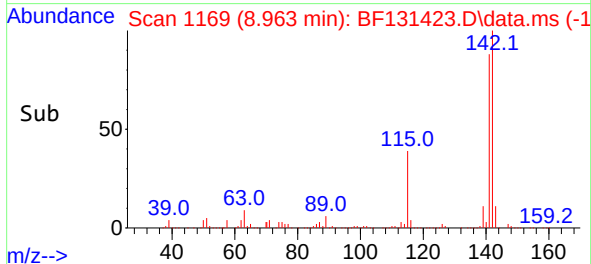
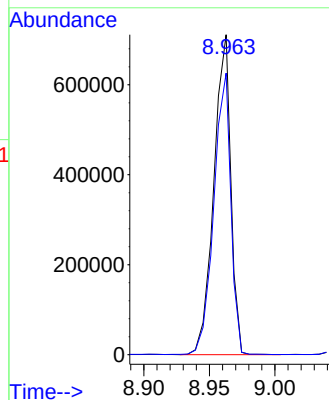
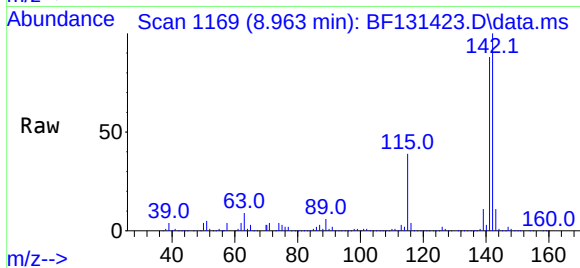
DUP112122

Tgt Ion:142 Resp: 639344

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 50.553 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF131423.D

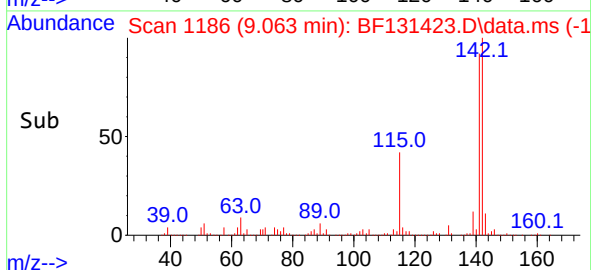
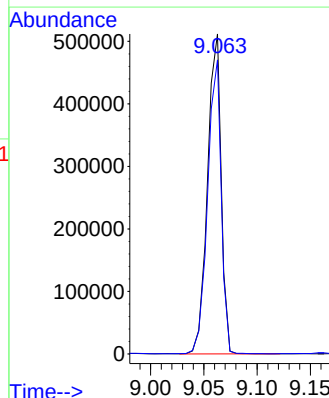
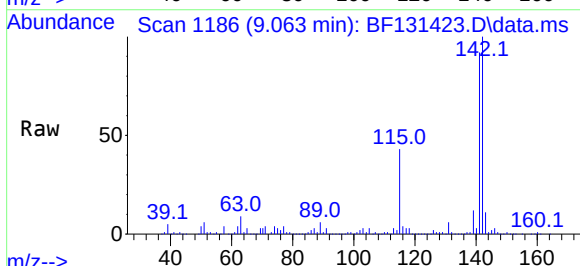
Acq: 28 Nov 2022 11:22

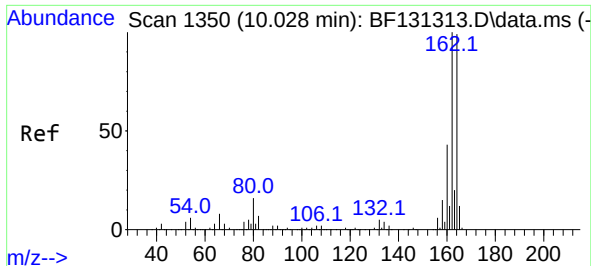
Tgt Ion:142 Resp: 458307

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.0

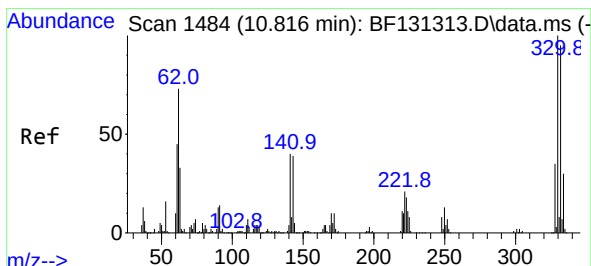
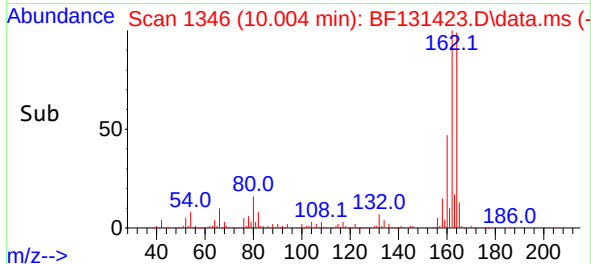
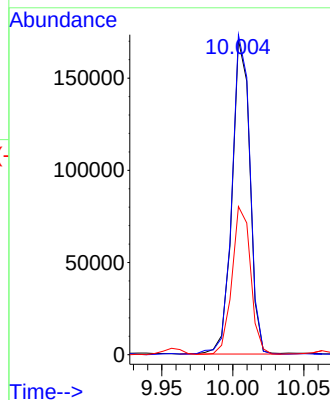
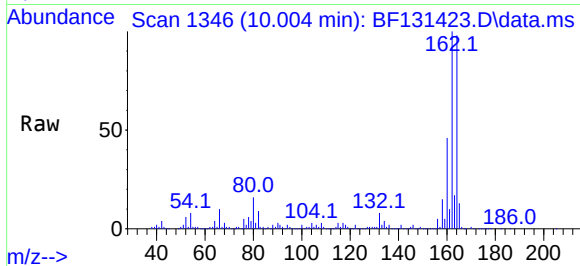




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

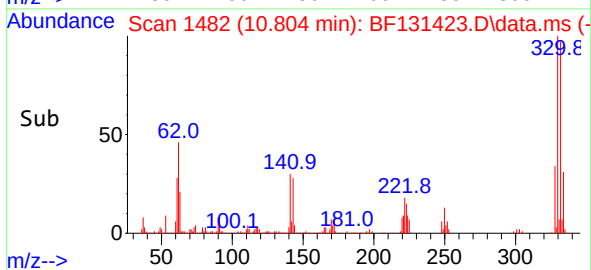
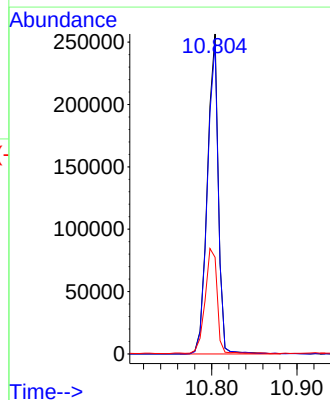
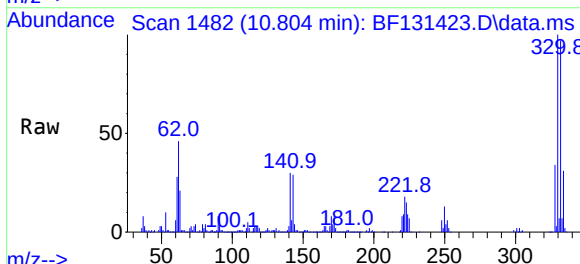
Instrument :
BNA_F
ClientSampleId :
DUP112122

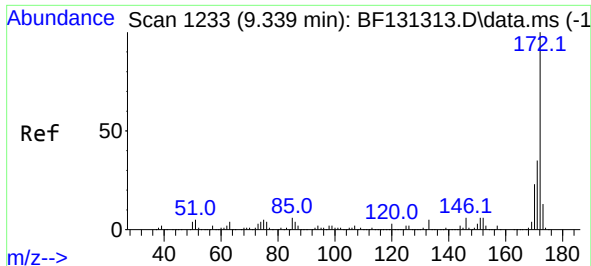
Tgt Ion:164 Resp: 148538
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 47.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 183.117 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

Tgt Ion:330 Resp: 228834
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 36.2 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 95.793 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131423.D

Acq: 28 Nov 2022 11:22

Instrument :

BNA_F

ClientSampleId :

DUP112122

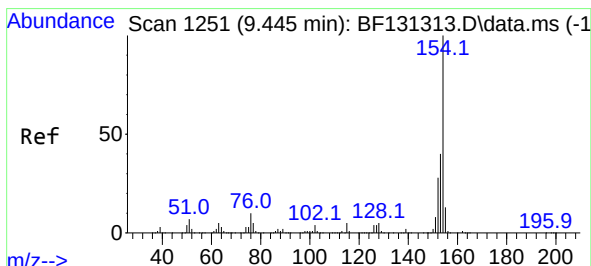
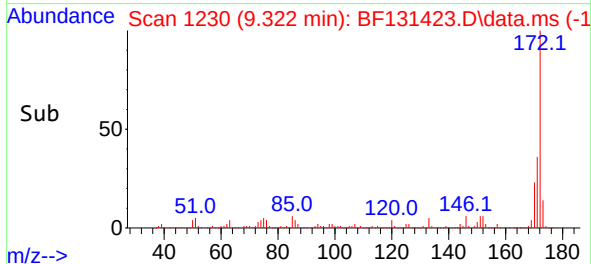
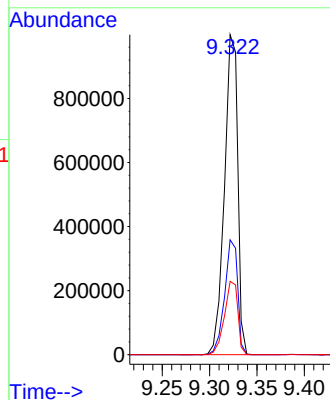
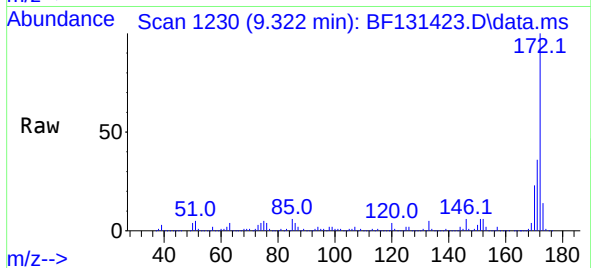
Tgt Ion:172 Resp: 978048

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 22.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 4.272 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF131423.D

Acq: 28 Nov 2022 11:22

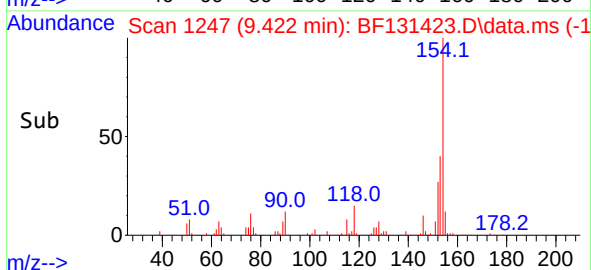
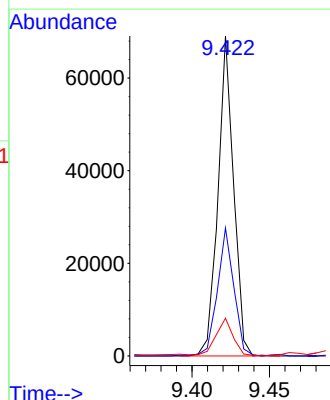
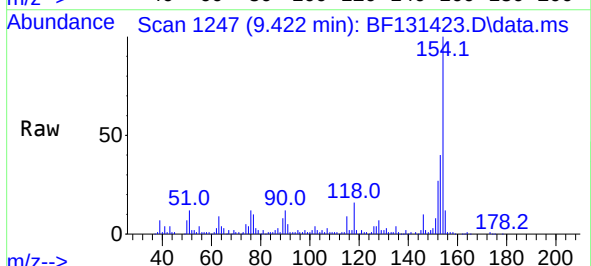
Tgt Ion:154 Resp: 48421

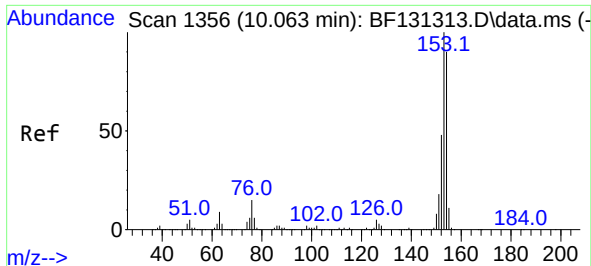
Ion Ratio Lower Upper

154 100

153 40.0 19.8 59.8

76 11.8 0.0 30.2

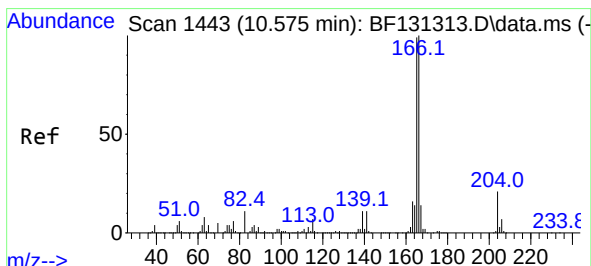
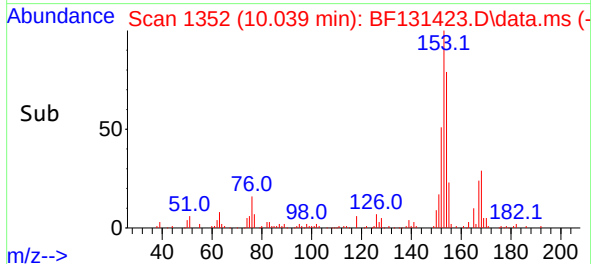
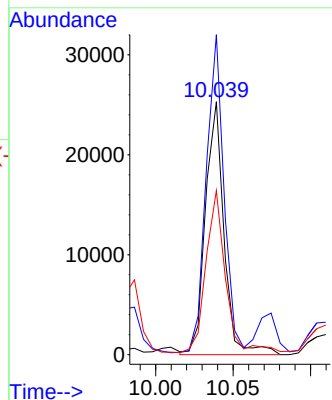
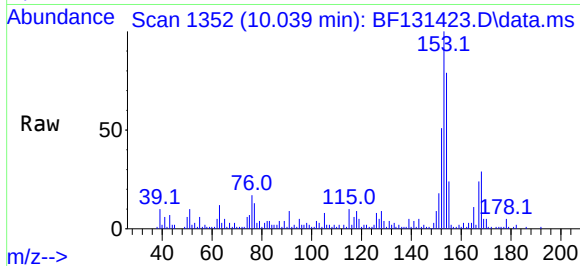




#52
Acenaphthene
Concen: 2.433 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

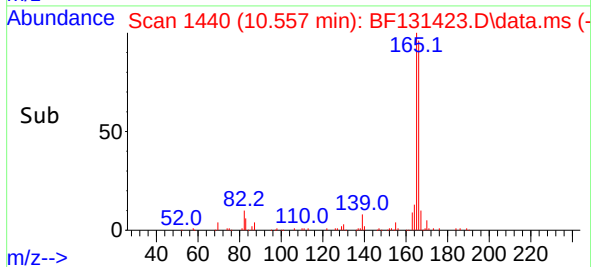
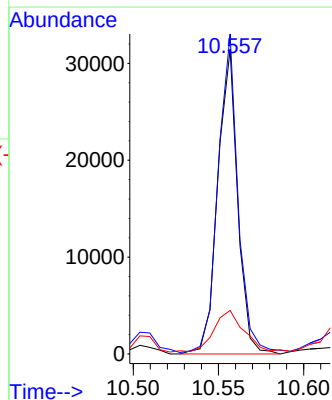
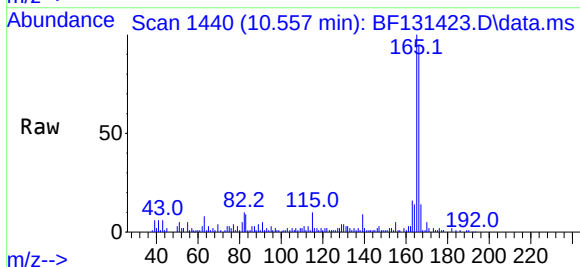
Instrument :
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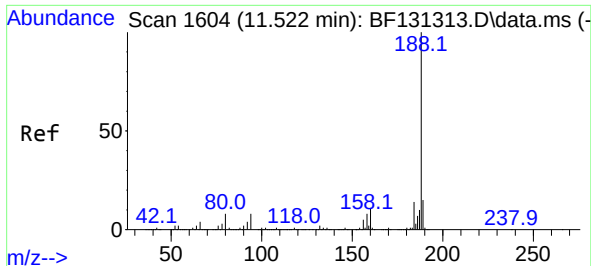
Tgt Ion:154 Resp: 21119
Ion Ratio Lower Upper
154 100
153 126.5 88.4 132.6
152 64.9 42.8 64.2#



#58
Fluorene
Concen: 2.618 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

Tgt Ion:166 Resp: 25510
Ion Ratio Lower Upper
166 100
165 105.0 79.0 118.4
167 14.3 10.9 16.3

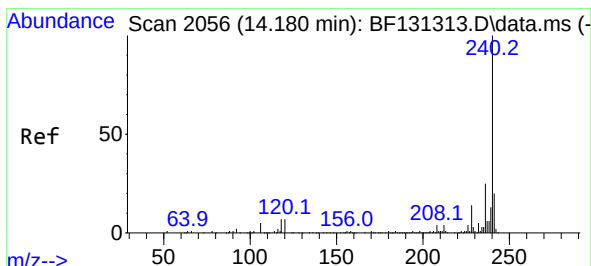
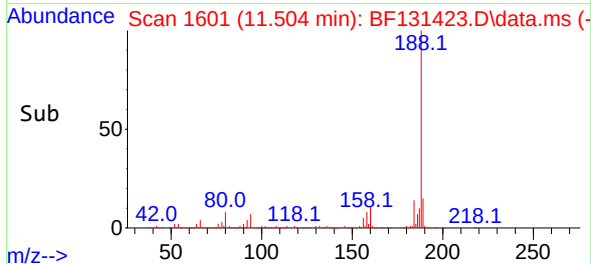
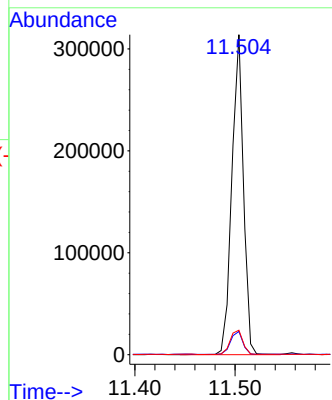
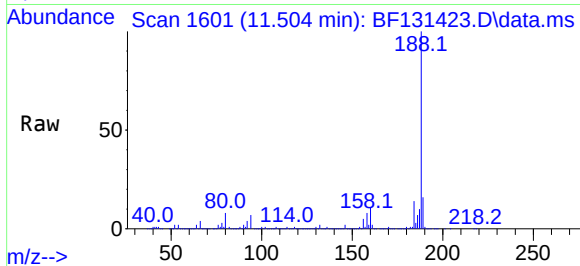




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

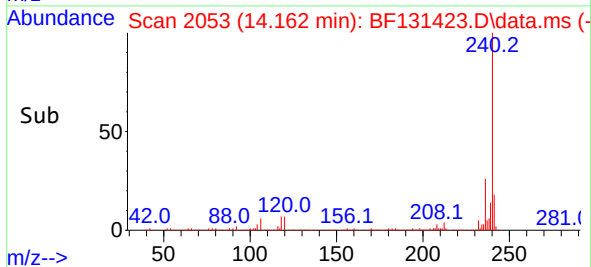
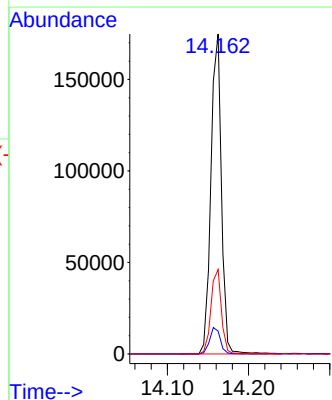
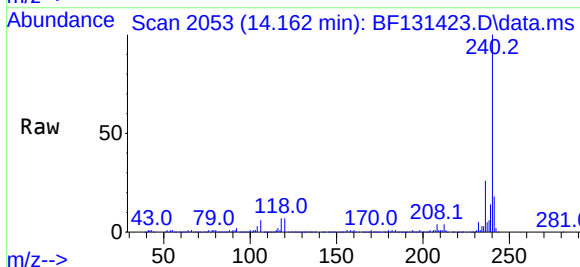
Instrument :
BNA_F
ClientSampleId :
DUP112122

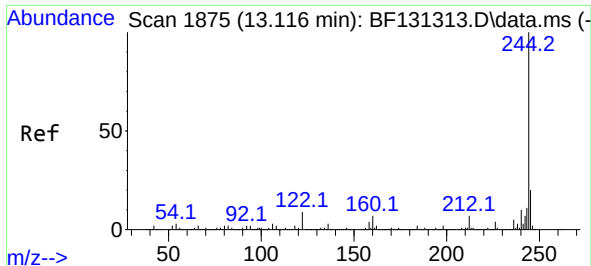
Tgt Ion:188 Resp: 250945
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 7.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF131423.D
Acq: 28 Nov 2022 11:22

Tgt Ion:240 Resp: 156772
Ion Ratio Lower Upper
240 100
120 7.2 5.8 8.8
236 26.4 20.3 30.5

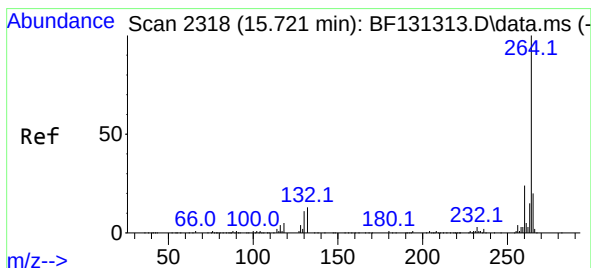
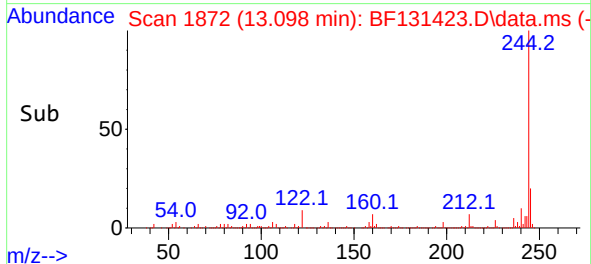
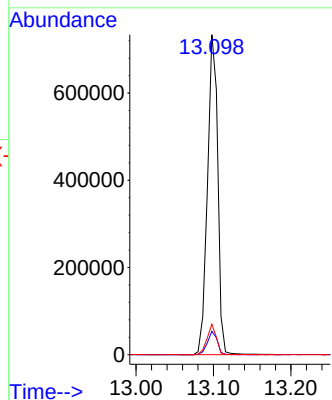
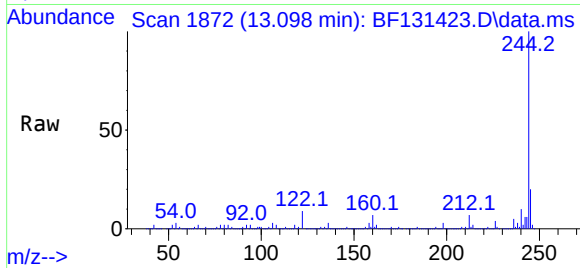




#79
 Terphenyl-d14
 Concen: 70.567 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131423.D
 Acq: 28 Nov 2022 11:22

Instrument :
 BNA_F
 ClientSampleId :
 DUP112122

Tgt Ion:244 Resp: 676522
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. -0.000 min
 Lab File: BF131423.D
 Acq: 28 Nov 2022 11:22

Tgt Ion:264 Resp: 152316
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 20.5 16.4 24.6

