

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131440.D
 Acq On : 28 Nov 2022 21:00
 Operator : CG\JU
 Sample : N5742-10DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP111822DL

Quant Time: Nov 29 00:59:11 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)

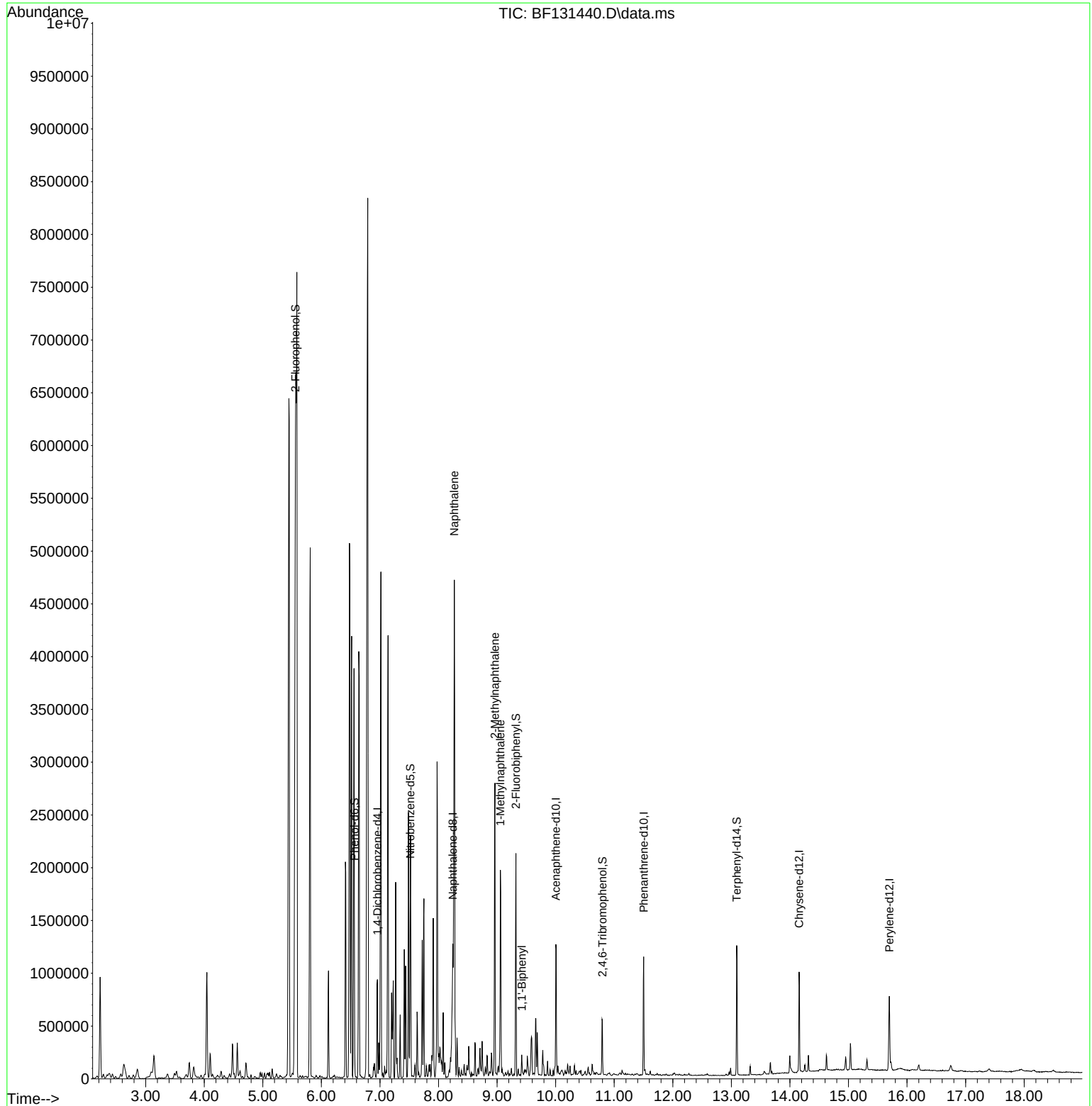
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	141794	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	497325	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	253725	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	396651	20.000	ng	0.00
76) Chrysene-d12	14.157	240	339321	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	331924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	48317	6.485	ng	0.00
7) Phenol-d6	6.563	99	54807	5.766	ng	-0.01
23) Nitrobenzene-d5	7.516	82	280656	28.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	60889	28.525	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	584299	33.503	ng	0.00
79) Terphenyl-d14	13.092	244	439652	21.188	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.269	128	2124739	80.172	ng	99
37) 2-Methylnaphthalene	8.963	142	728738	40.583	ng	100
38) 1-Methylnaphthalene	9.057	142	487617	28.003	ng	99
46) 1,1'-Biphenyl	9.422	154	49155	2.539	ng	99

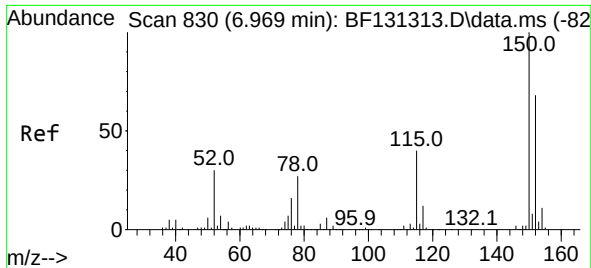
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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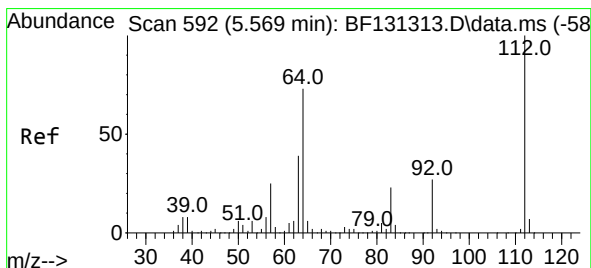
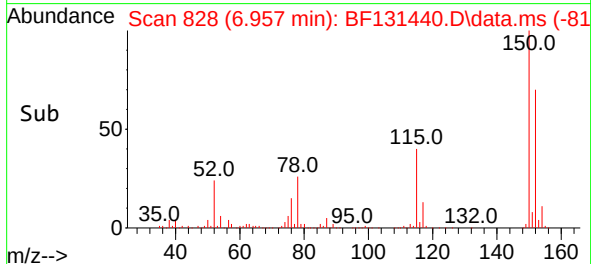
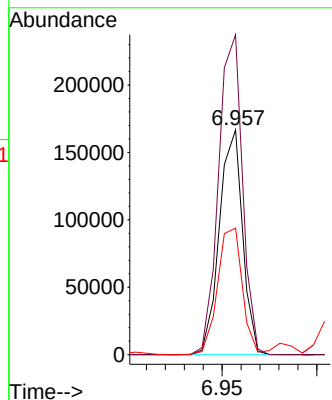
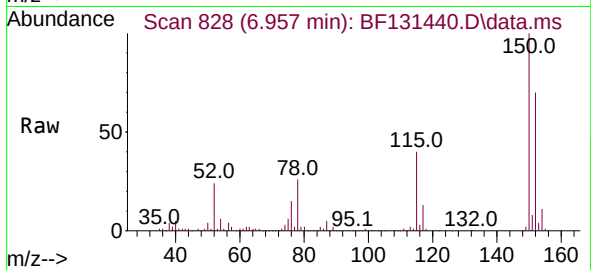




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF131440.D
 Acq: 28 Nov 2022 21:00

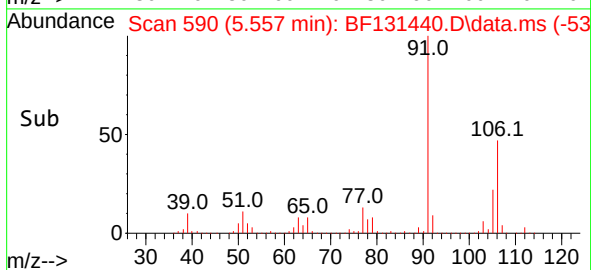
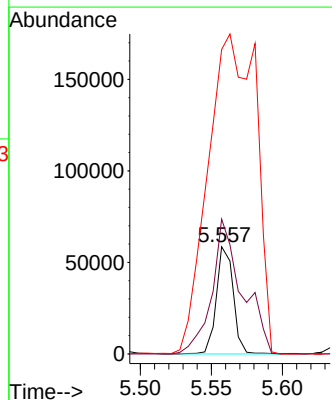
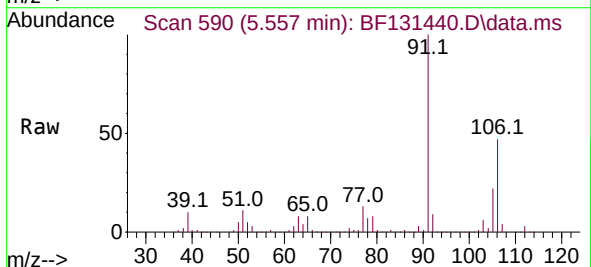
Instrument :
 BNA_F
 ClientSampleId :
 DUP111822DL

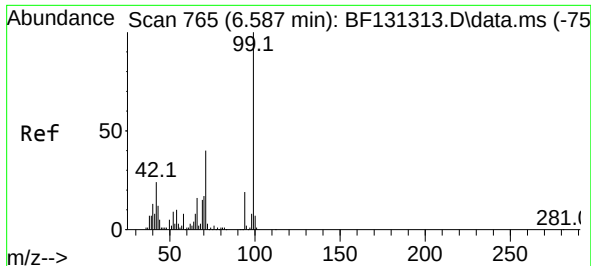
Tgt Ion:152 Resp: 141794
 Ion Ratio Lower Upper
 152 100
 150 142.4 117.8 176.8
 115 56.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 6.485 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF131440.D
 Acq: 28 Nov 2022 21:00

Tgt Ion:112 Resp: 48317
 Ion Ratio Lower Upper
 112 100
 64 125.7 58.6 88.0#
 63 284.0 31.4 47.0#

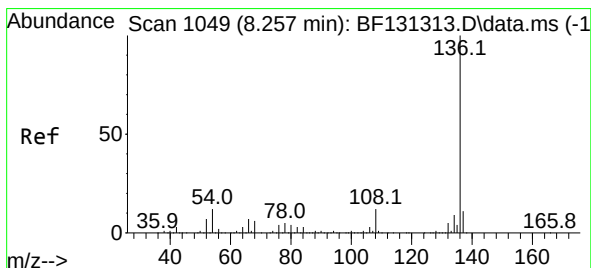
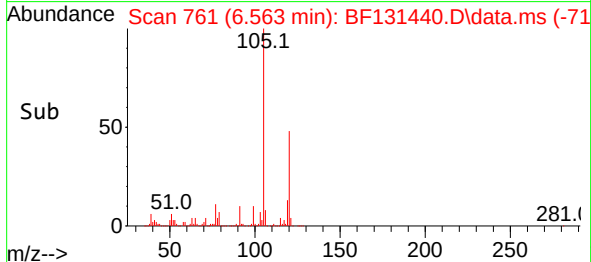
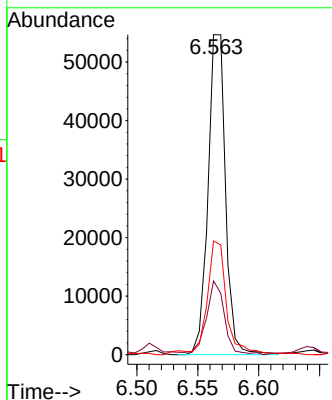
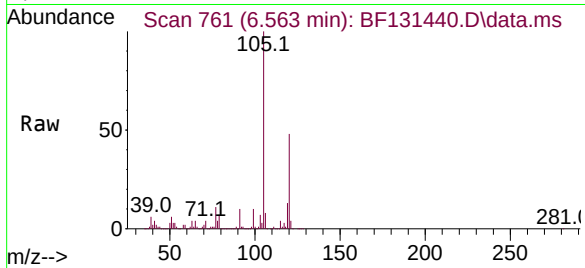




#7
Phenol-d6
Concen: 5.766 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

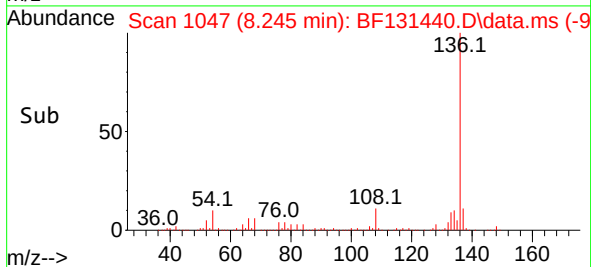
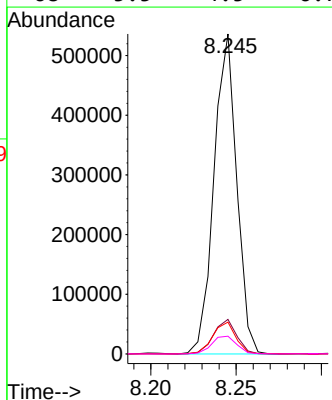
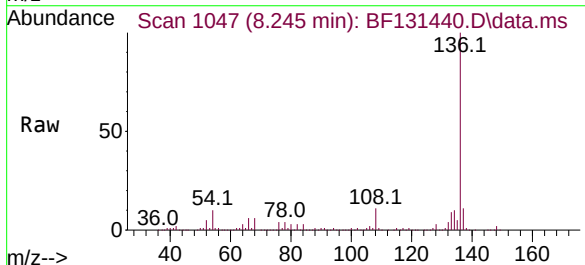
Instrument :
BNA_F
ClientSampleId :
DUP111822DL

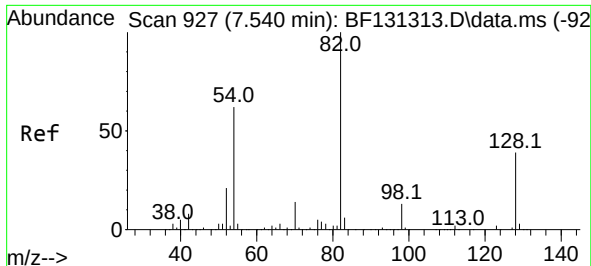
Tgt Ion: 99 Resp: 54807
Ion Ratio Lower Upper
99 100
42 23.0 19.4 29.2
71 35.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion: 136 Resp: 497325
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.9 9.4 14.0
68 5.5 4.5 6.7

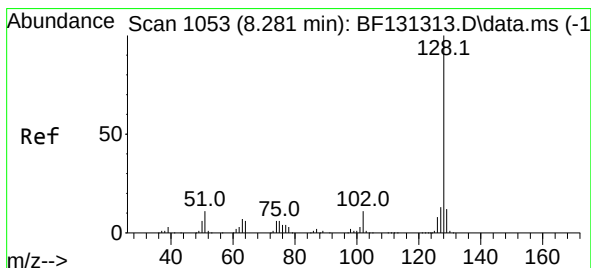
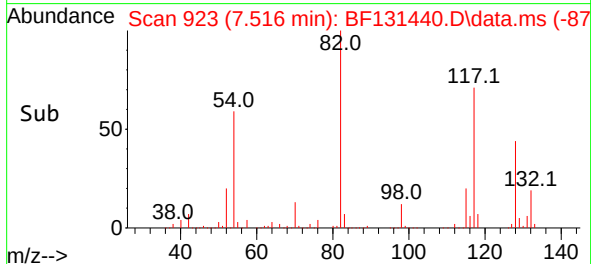
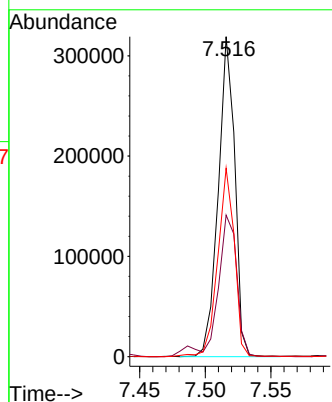
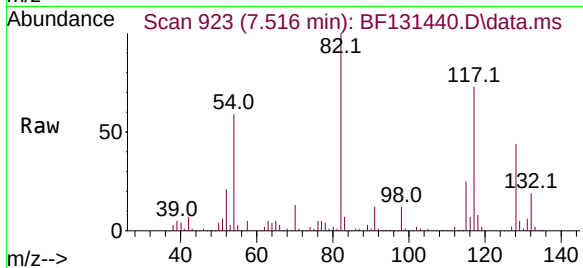




#23
Nitrobenzene-d5
Concen: 28.447 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

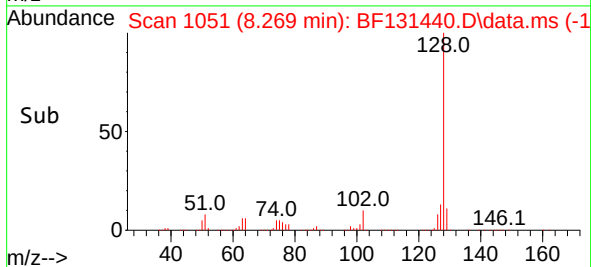
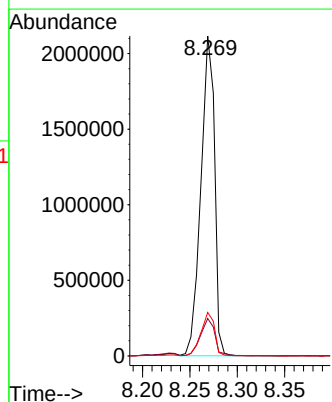
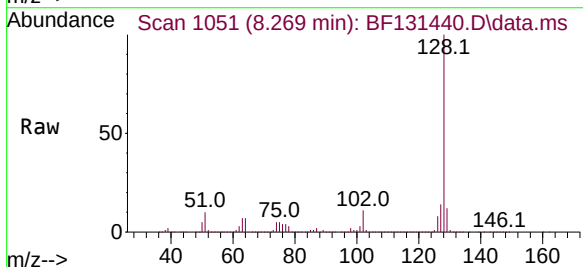
Instrument :
BNA_F
ClientSampleId :
DUP111822DL

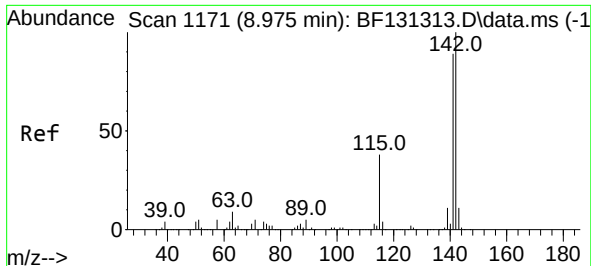
Tgt Ion: 82 Resp: 280656
Ion Ratio Lower Upper
82 100
128 44.2 31.4 47.0
54 58.9 49.8 74.6



#31
Naphthalene
Concen: 80.172 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion: 128 Resp: 2124739
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.6 16.0

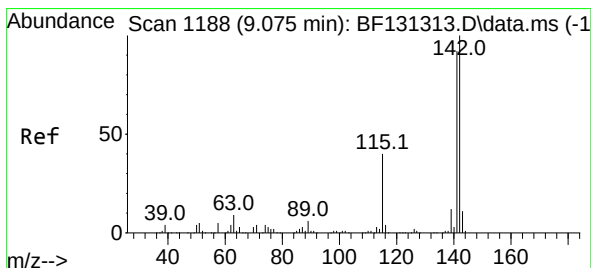
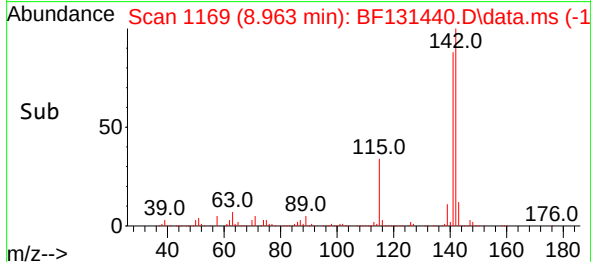
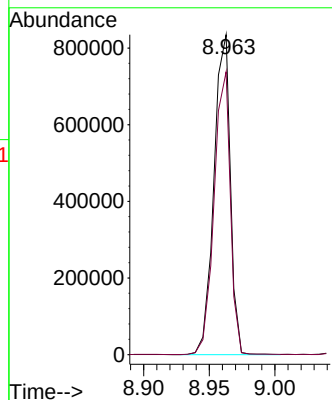
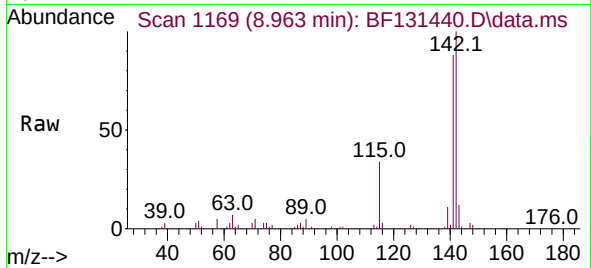




#37
2-Methylnaphthalene
Concen: 40.583 ng
RT: 8.963 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

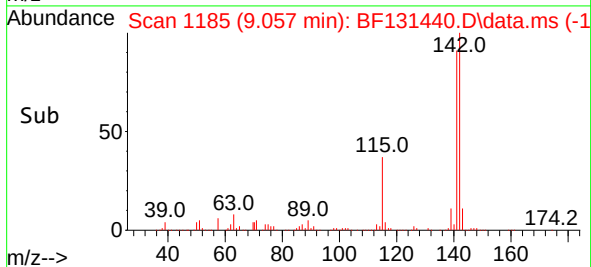
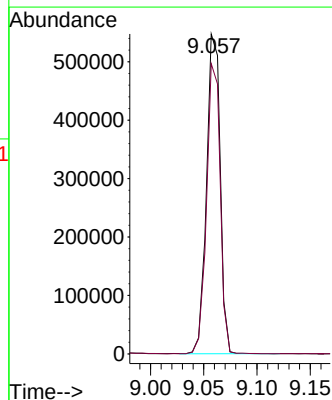
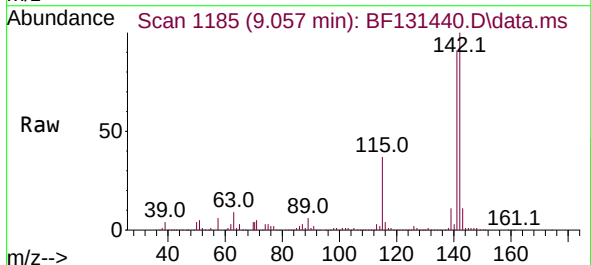
Instrument :
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ClientSampleId :
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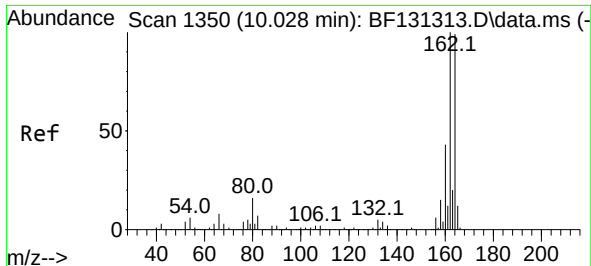
Tgt Ion:142 Resp: 728738
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 28.003 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion:142 Resp: 487617
Ion Ratio Lower Upper
142 100
141 90.7 73.4 110.0

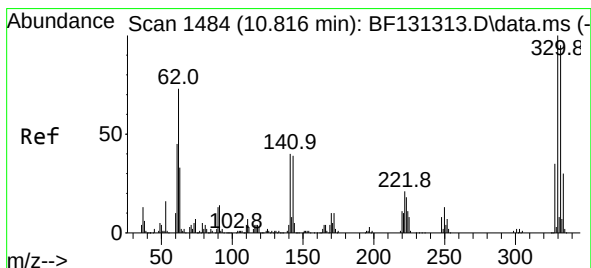
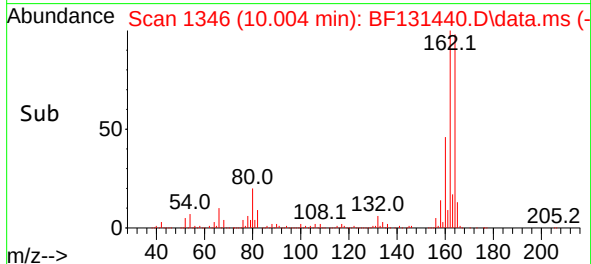
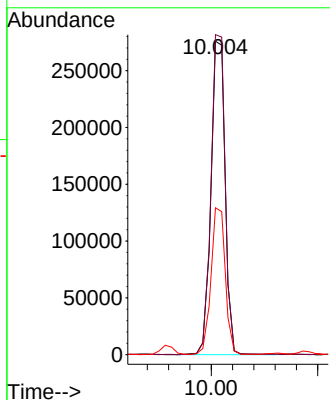
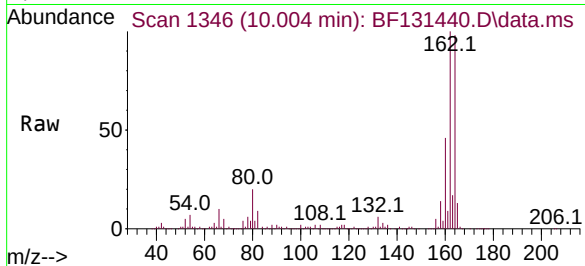




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

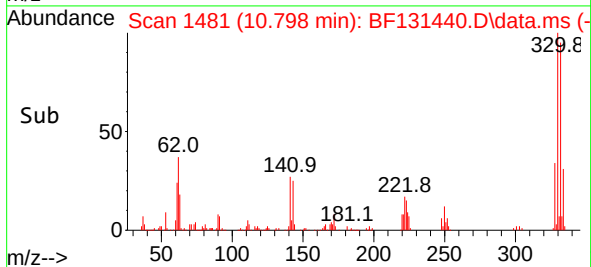
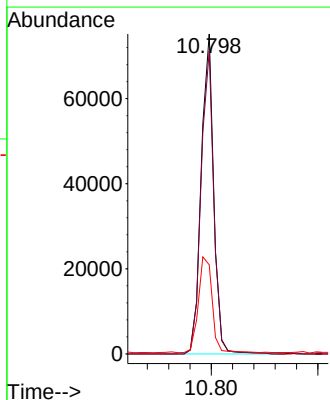
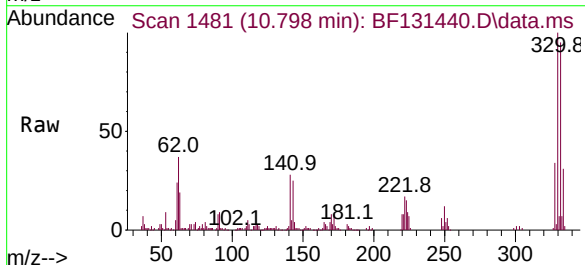
Instrument :
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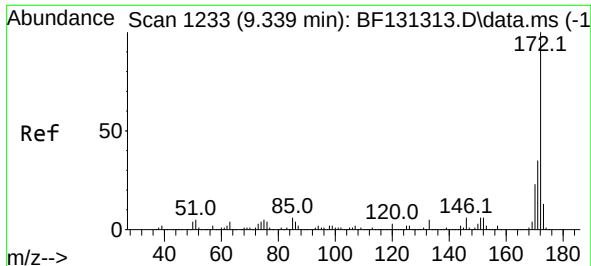
Tgt Ion:164 Resp: 253725
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 46.9 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 28.525 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion:330 Resp: 60889
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 33.1 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 33.503 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

Instrument :

BNA_F

ClientSampleId :

DUP111822DL

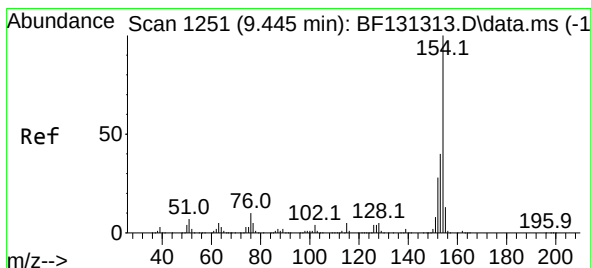
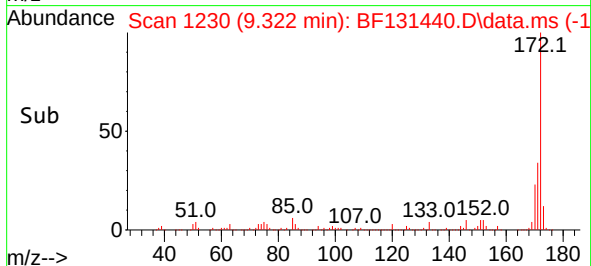
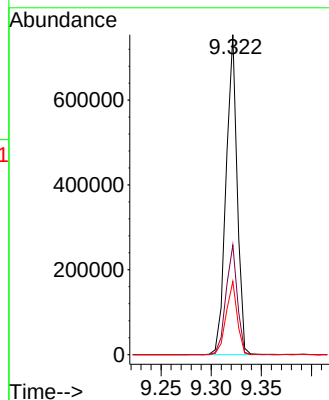
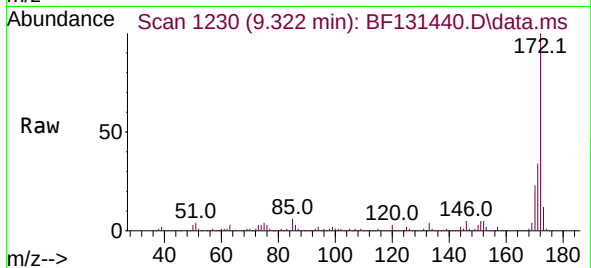
Tgt Ion:172 Resp: 584299

Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.2

170 22.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 2.539 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF131440.D

Acq: 28 Nov 2022 21:00

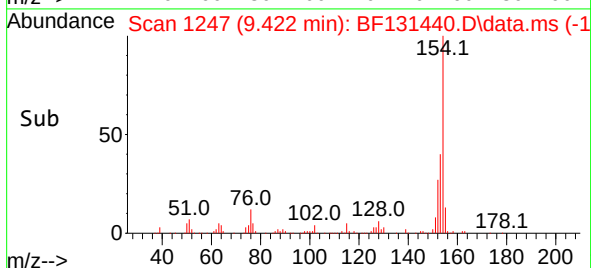
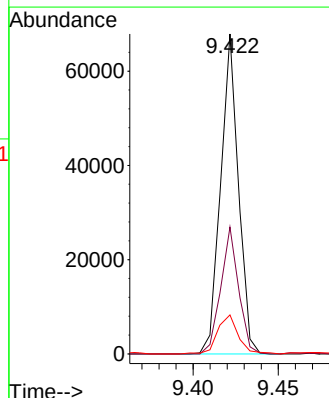
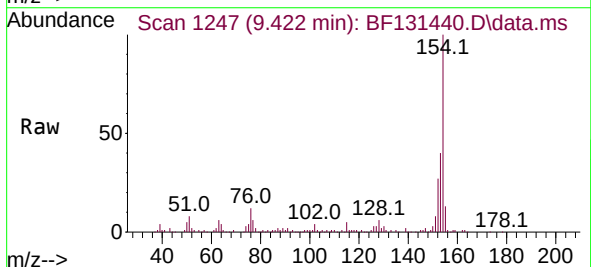
Tgt Ion:154 Resp: 49155

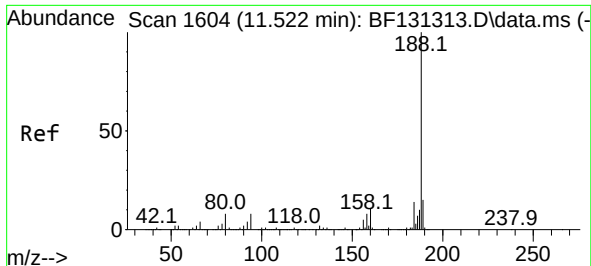
Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 12.2 0.0 30.2

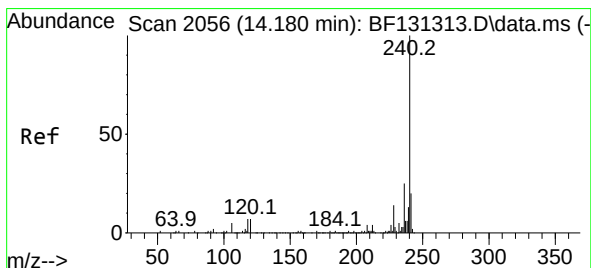
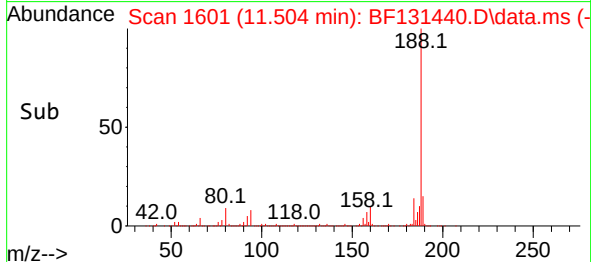
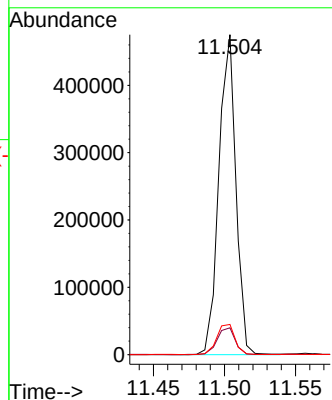
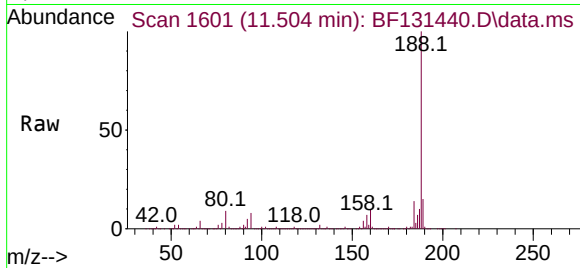




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

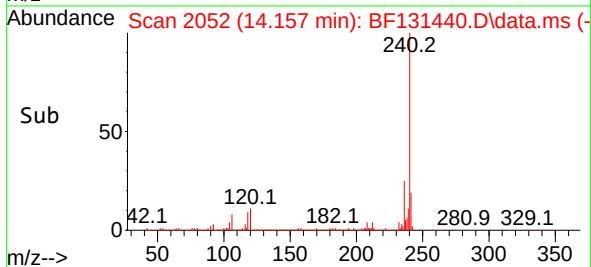
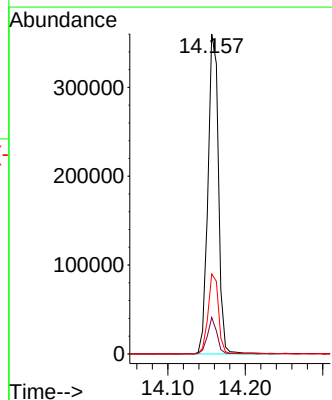
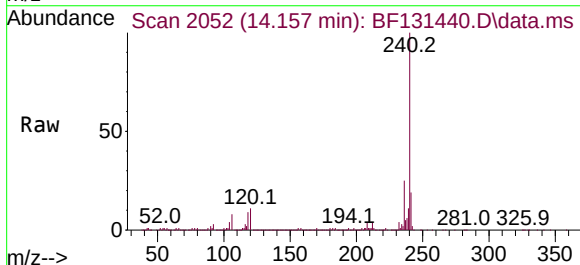
Instrument :
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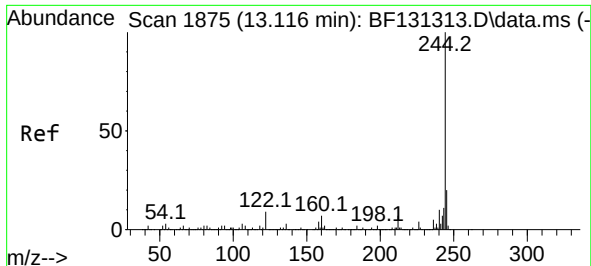
Tgt Ion:188 Resp: 396651
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131440.D
Acq: 28 Nov 2022 21:00

Tgt Ion:240 Resp: 339321
Ion Ratio Lower Upper
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120 11.4 5.8 8.8#
236 25.0 20.3 30.5

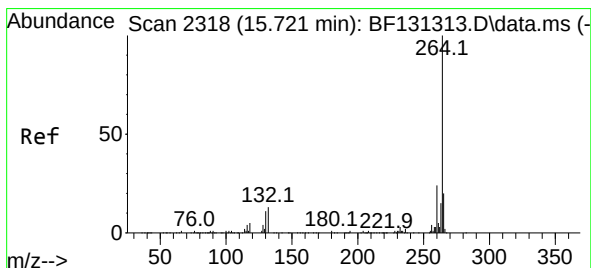
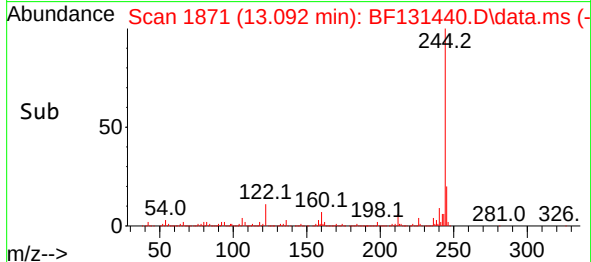
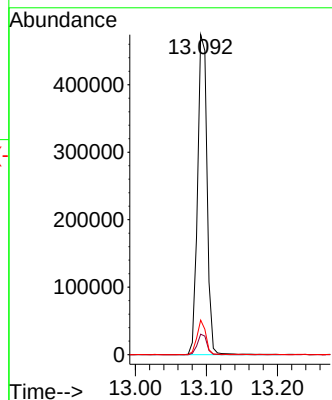
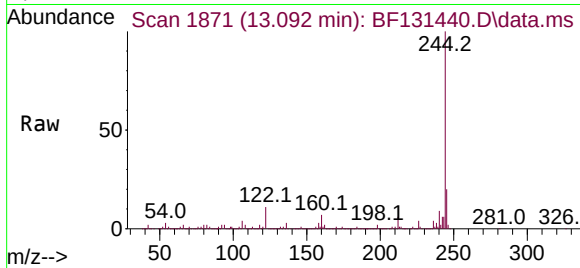




#79
 Terphenyl-d14
 Concen: 21.188 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: BF131440.D
 Acq: 28 Nov 2022 21:00

Instrument :
 BNA_F
 ClientSampleId :
 DUP111822DL

Tgt Ion:244 Resp: 439652
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 10.8 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: BF131440.D
 Acq: 28 Nov 2022 21:00

Tgt Ion:264 Resp: 331924
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 20.8 16.4 24.6

