

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131883.D
 Acq On : 29 Dec 2022 17:51
 Operator : CG\JU
 Sample : N6230-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: Dec 30 02:11:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

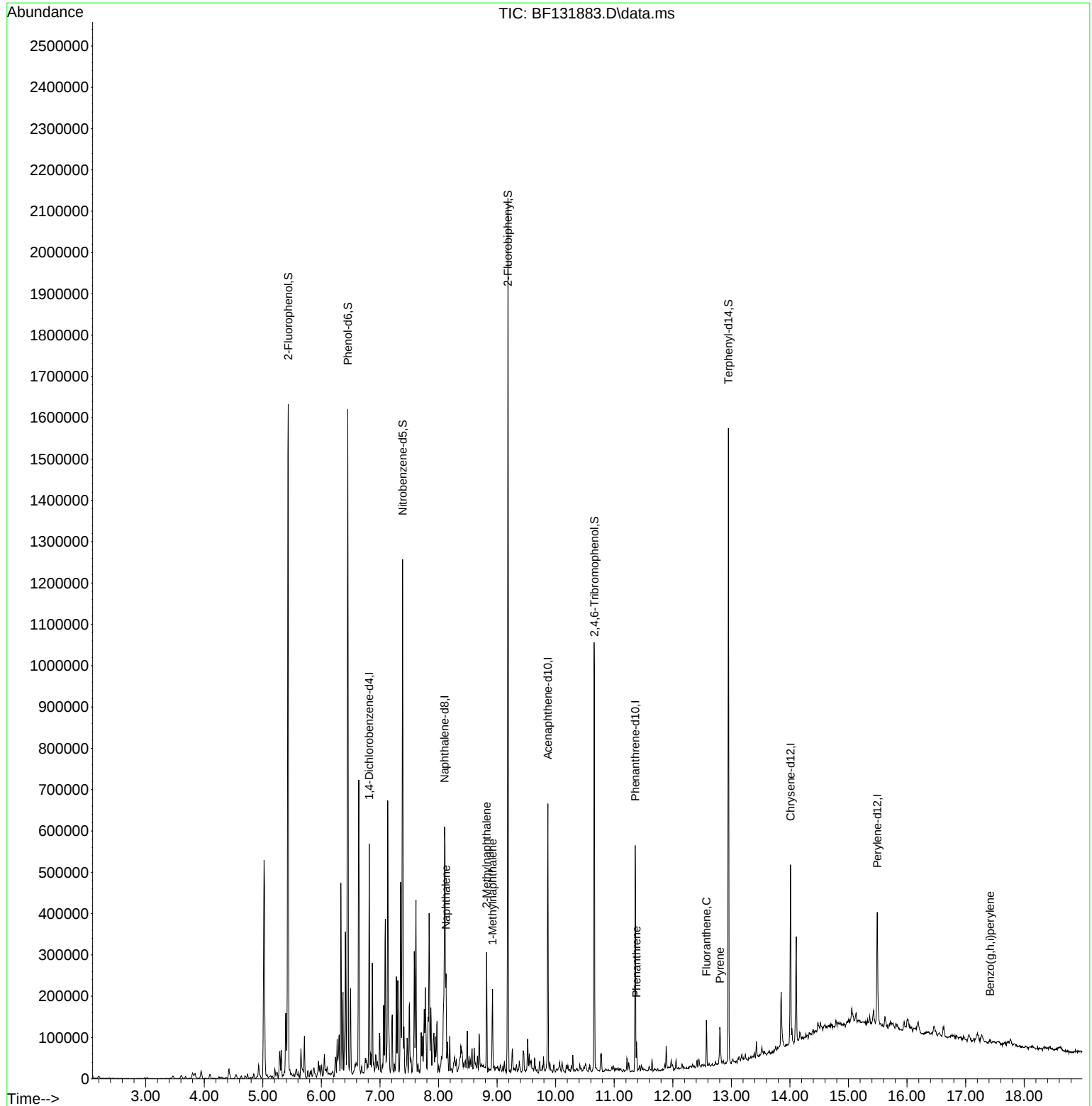
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	66725	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	228018	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	116247	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	183678	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	124808	20.000	ng	0.00
86) Perylene-d12	15.492	264	118410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	413794	102.772	ng	0.01
7) Phenol-d6	6.451	99	532078	100.585	ng	0.00
23) Nitrobenzene-d5	7.386	82	373628	65.422	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	114528	90.677	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	571434	67.332	ng	0.00
79) Terphenyl-d14	12.951	244	456573	61.879	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.128	128	46257	3.704	ng	# 95
37) 2-Methylnaphthalene	8.822	142	62443	7.451	ng	98
38) 1-Methylnaphthalene	8.922	142	41280	5.071	ng	97
71) Phenanthrene	11.380	178	22335	2.211	ng	99
75) Fluoranthene	12.574	202	40279	3.424	ng	100
78) Pyrene	12.804	202	36797	3.518	ng	99
92) Benzo(g,h,i)perylene	17.415	276	5695	5.943	ng	# 75

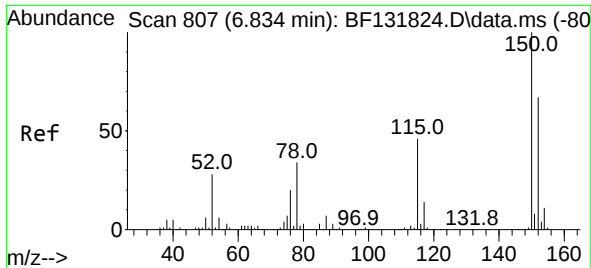
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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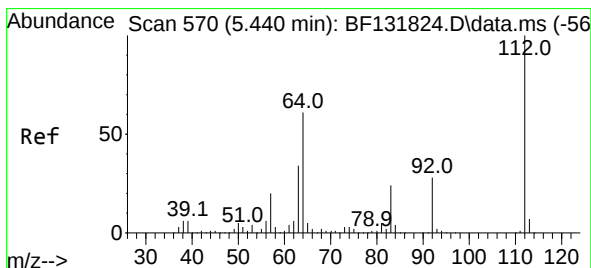
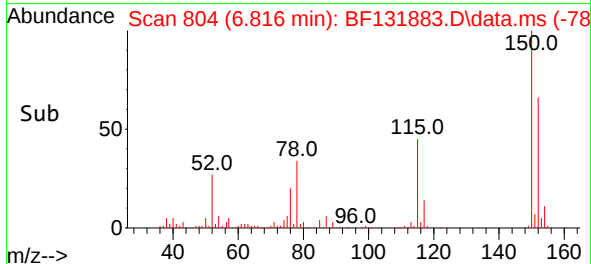
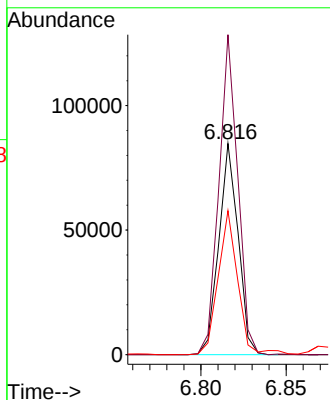
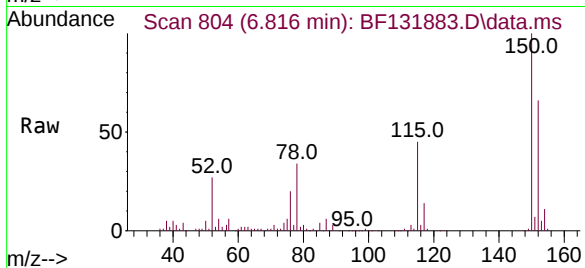




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

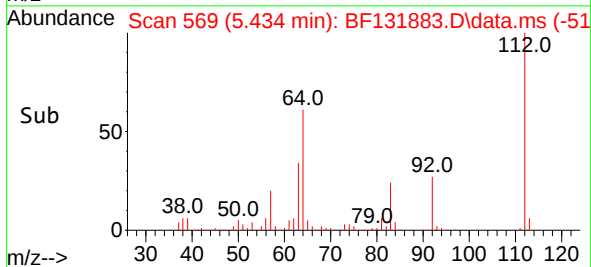
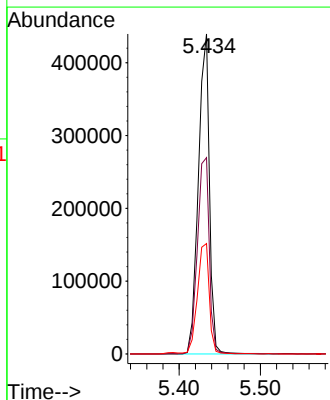
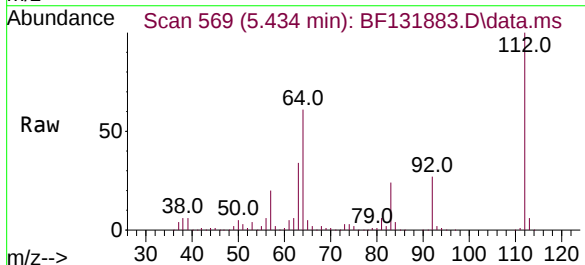
Instrument :
BNA_F
ClientSampleId :
C-1

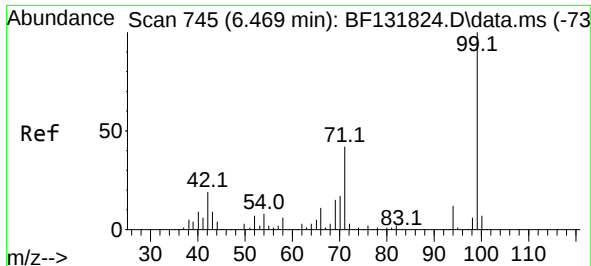
Tgt Ion:152 Resp: 66725
Ion Ratio Lower Upper
152 100
150 151.6 120.0 180.0
115 68.2 55.1 82.7



#5
2-Fluorophenol
Concen: 102.772 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.011 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

Tgt Ion:112 Resp: 413794
Ion Ratio Lower Upper
112 100
64 61.3 49.2 73.8
63 34.5 27.5 41.3

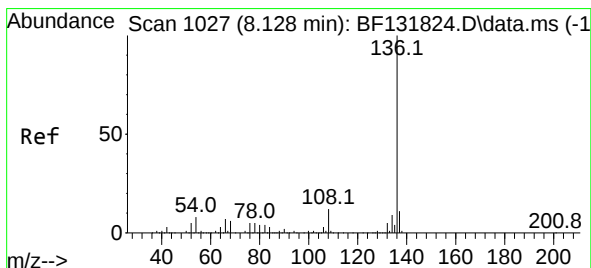
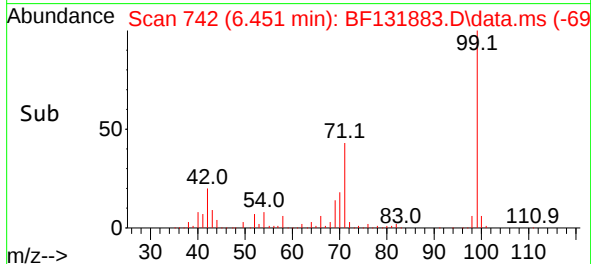
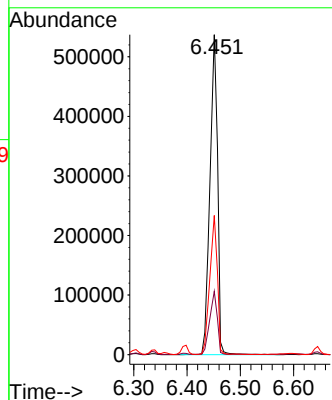
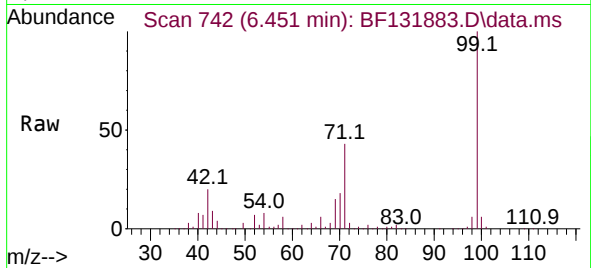




#7
Phenol-d6
Concen: 100.585 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

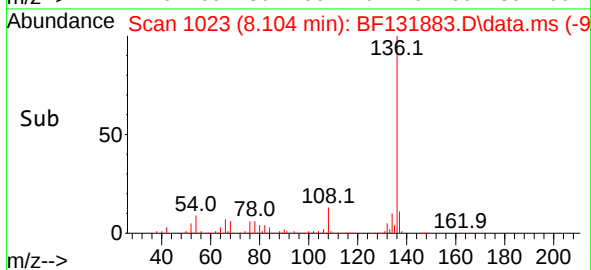
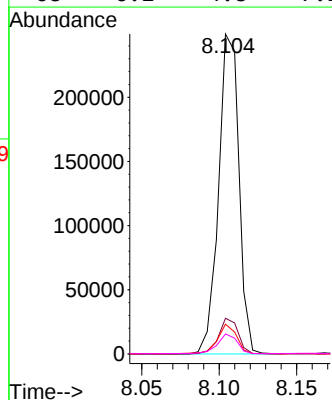
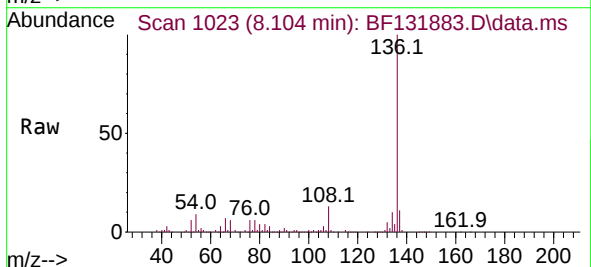
Instrument :
BNA_F
ClientSampleId :
C-1

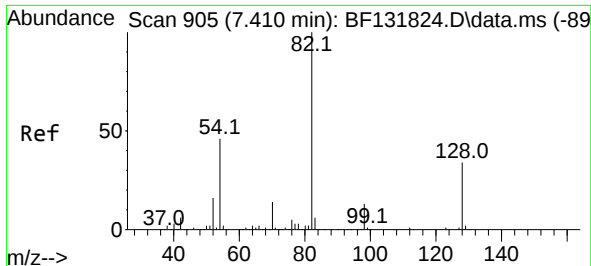
Tgt Ion: 99 Resp: 532078
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.5 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

Tgt Ion:136 Resp: 228018
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.3 6.7 10.1
68 6.2 4.8 7.2

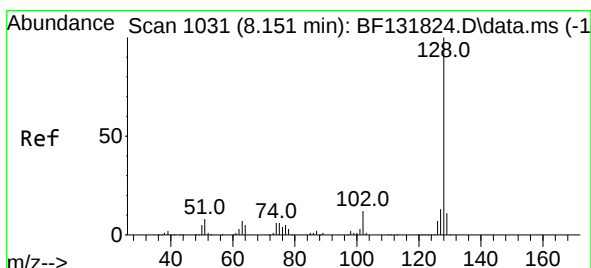
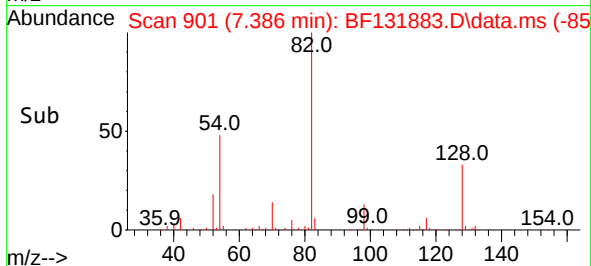
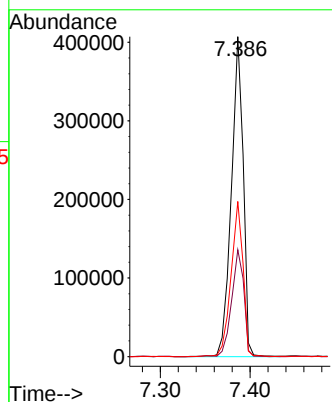
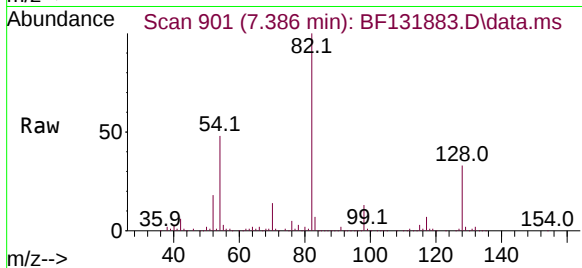




#23
Nitrobenzene-d5
Concen: 65.422 ng
RT: 7.386 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

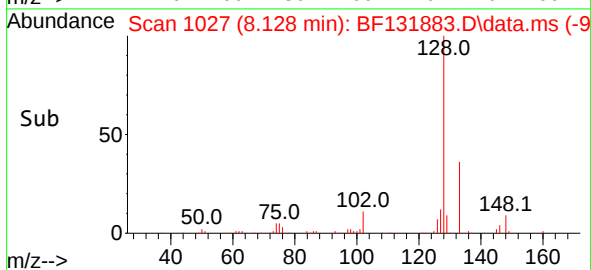
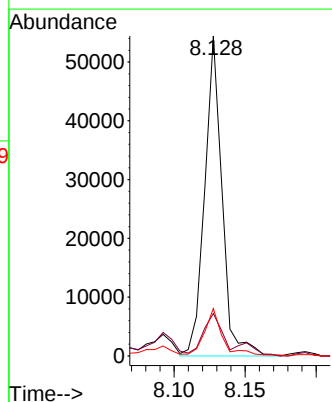
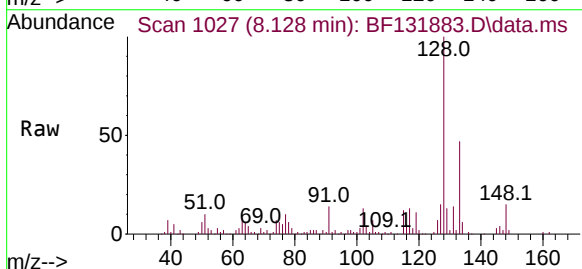
Instrument :
BNA_F
ClientSampleId :
C-1

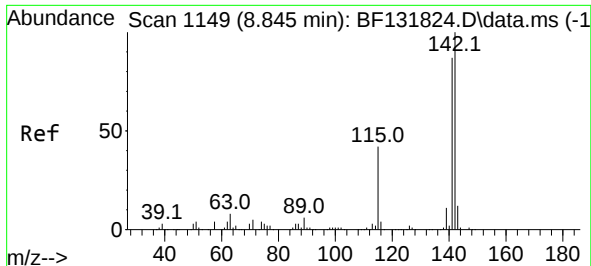
Tgt Ion: 82 Resp: 373628
Ion Ratio Lower Upper
82 100
128 33.4 27.1 40.7
54 48.5 37.0 55.6



#31
Naphthalene
Concen: 3.704 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

Tgt Ion:128 Resp: 46257
Ion Ratio Lower Upper
128 100
129 13.2 8.6 13.0#
127 14.8 10.6 15.8

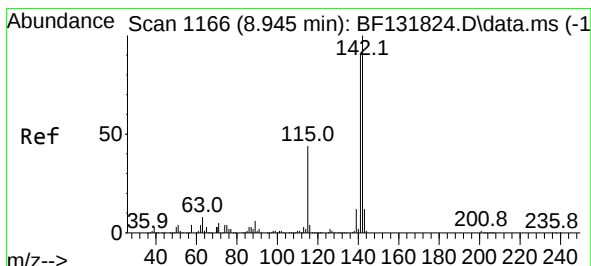
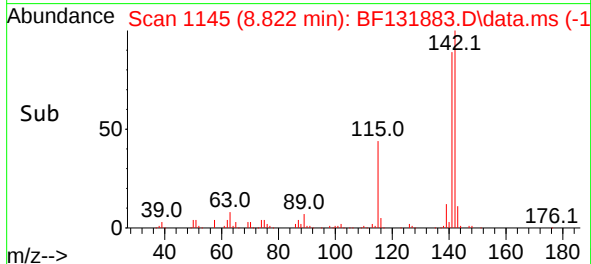
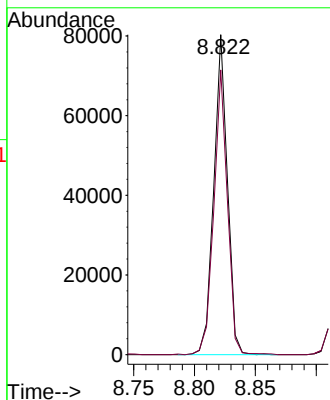
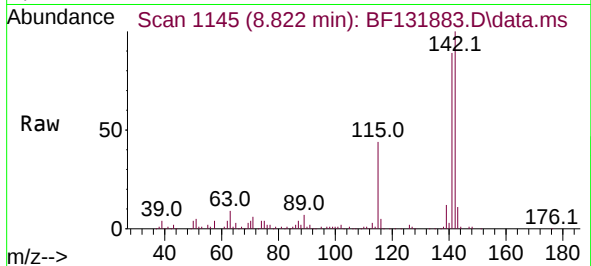




#37
2-Methylnaphthalene
Concen: 7.451 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

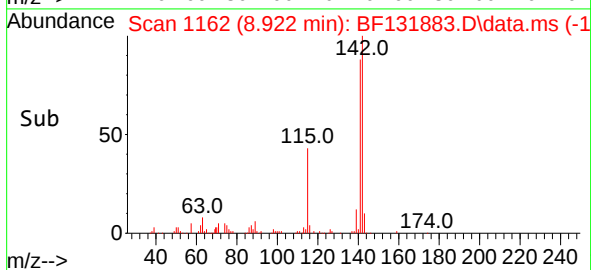
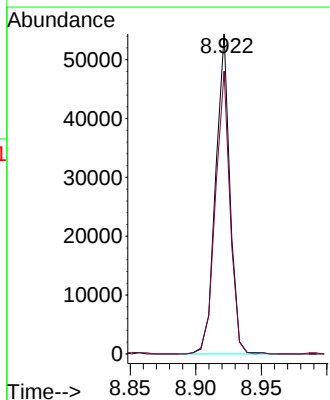
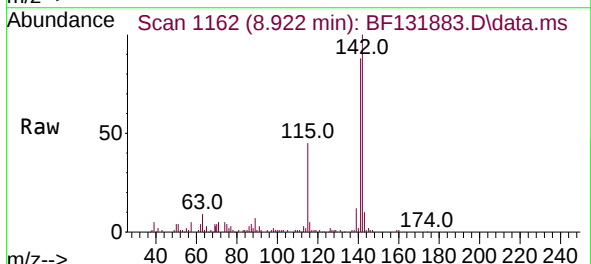
Instrument :
BNA_F
ClientSampleId :
C-1

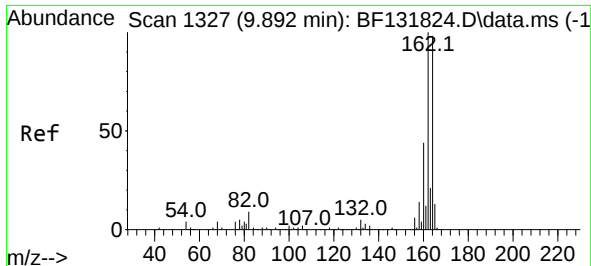
Tgt Ion:142 Resp: 62443
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.8



#38
1-Methylnaphthalene
Concen: 5.071 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

Tgt Ion:142 Resp: 41280
Ion Ratio Lower Upper
142 100
141 88.4 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF131883.D

Acq: 29 Dec 2022 17:51

Instrument :

BNA_F

ClientSampleId :

C-1

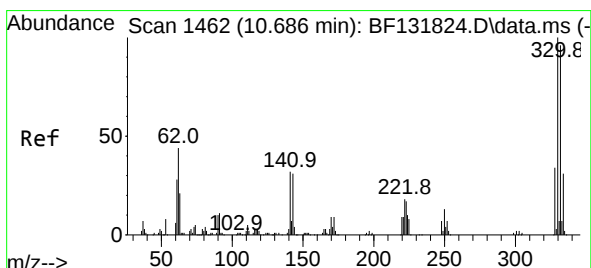
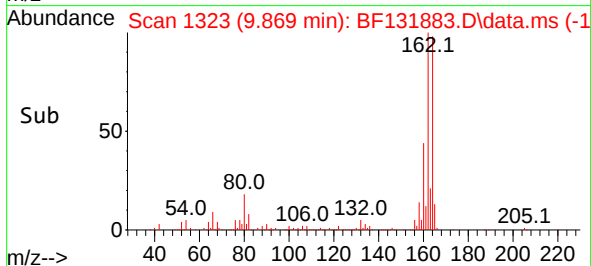
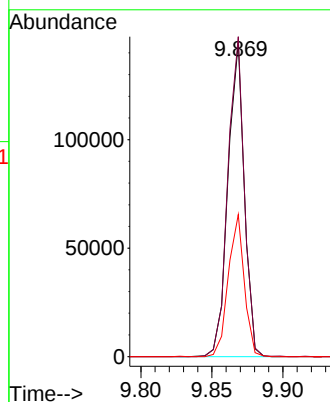
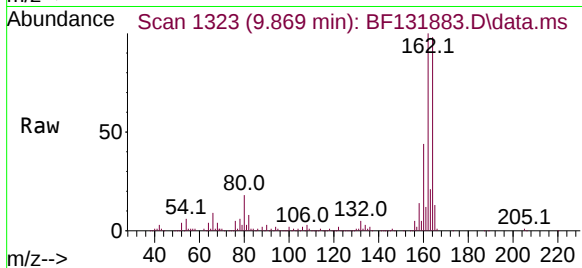
Tgt Ion:164 Resp: 116247

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.2 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 90.677 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF131883.D

Acq: 29 Dec 2022 17:51

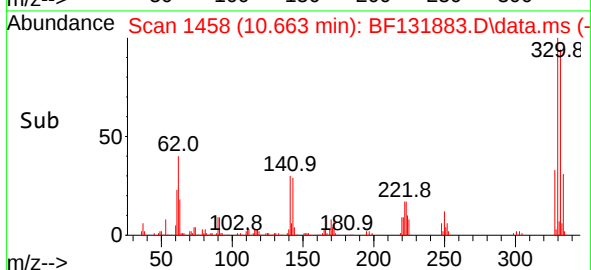
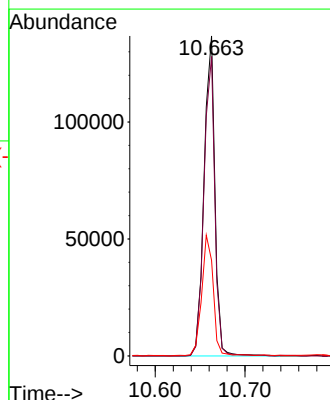
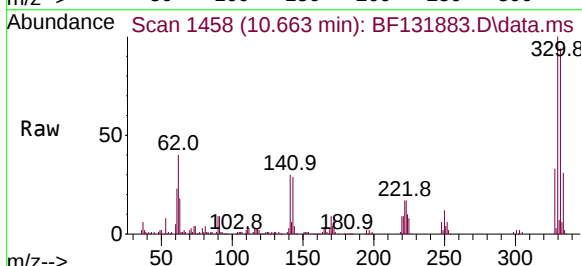
Tgt Ion:330 Resp: 114528

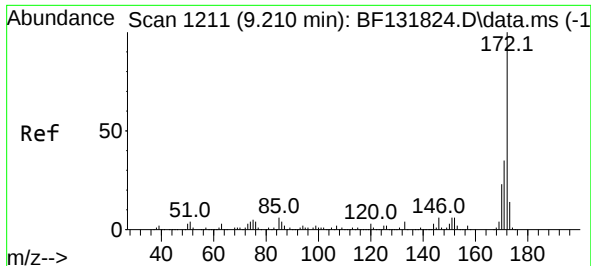
Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.4

141 40.4 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 67.332 ng

RT: 9.186 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131883.D

Acq: 29 Dec 2022 17:51

Instrument :

BNA_F

ClientSampleId :

C-1

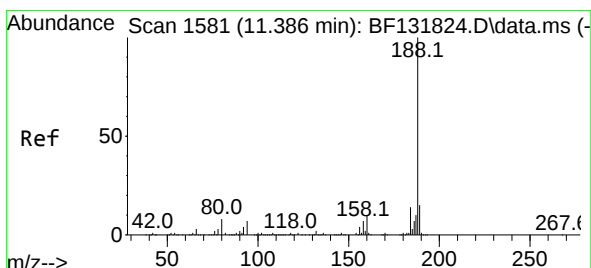
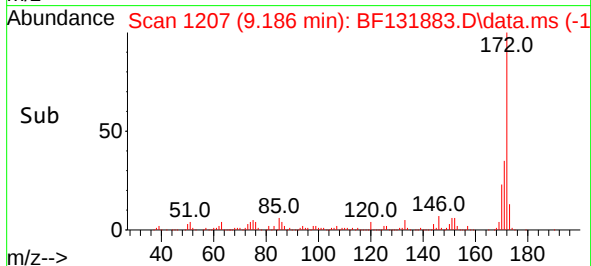
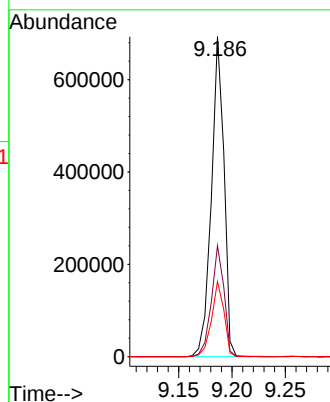
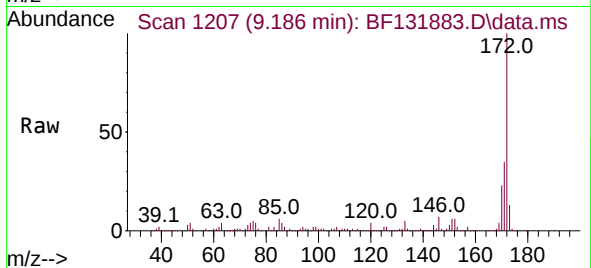
Tgt Ion:172 Resp: 571434

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.5 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF131883.D

Acq: 29 Dec 2022 17:51

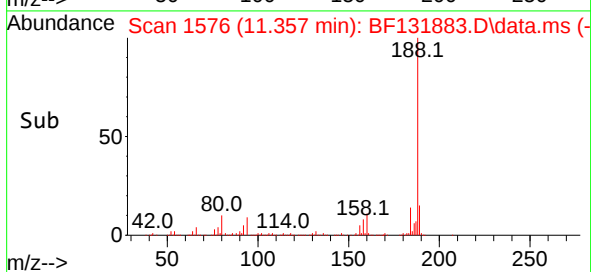
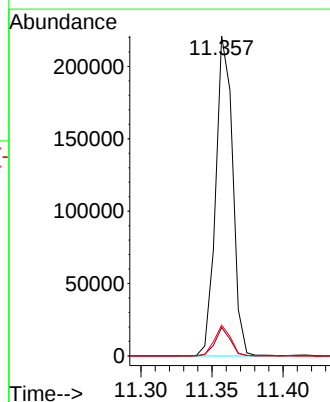
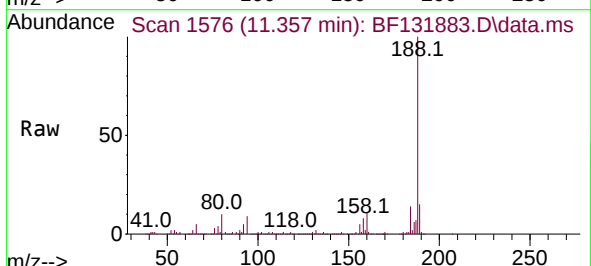
Tgt Ion:188 Resp: 183678

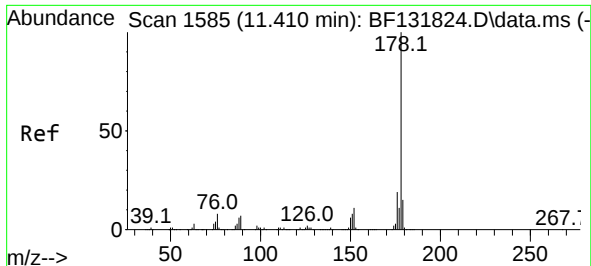
Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.6

80 9.6 6.7 10.1

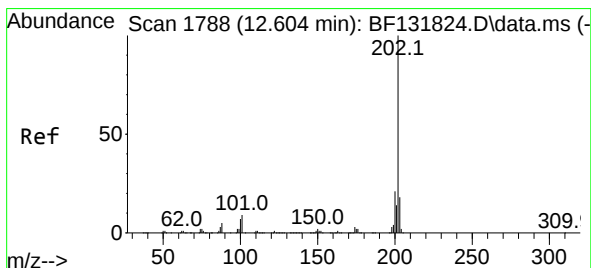
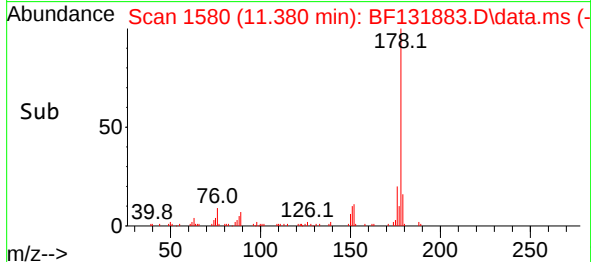
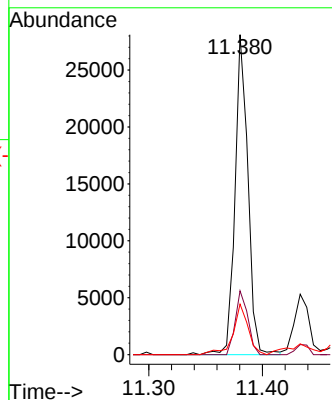
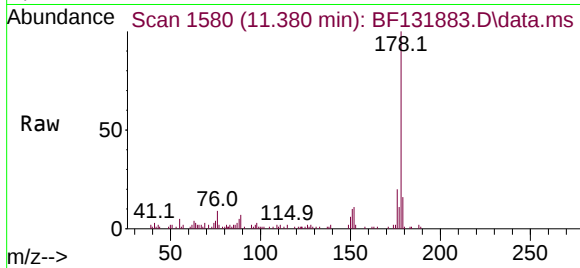




#71
Phenanthrene
Concen: 2.211 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

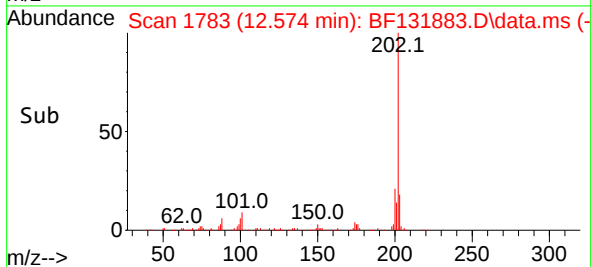
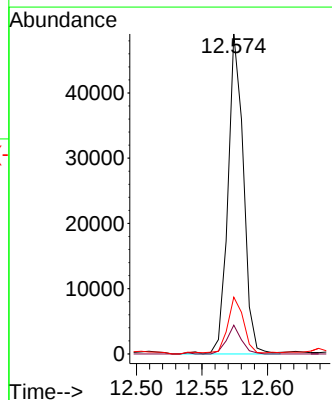
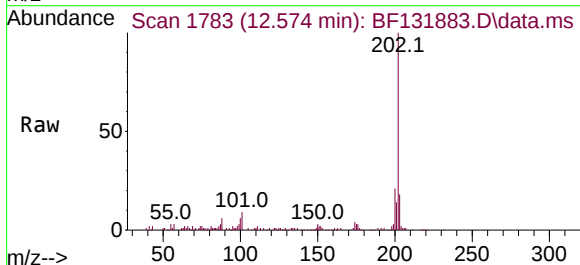
Instrument :
BNA_F
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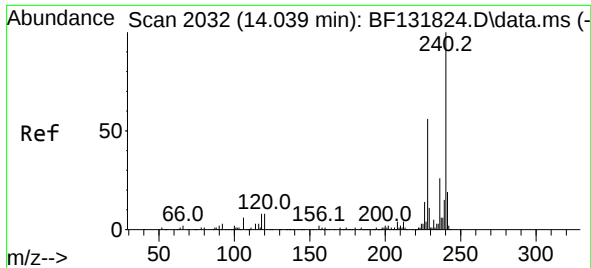
Tgt Ion:178 Resp: 22335
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4



#75
Fluoranthene
Concen: 3.424 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

Tgt Ion:202 Resp: 40279
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.6
203 17.7 0.0 37.8

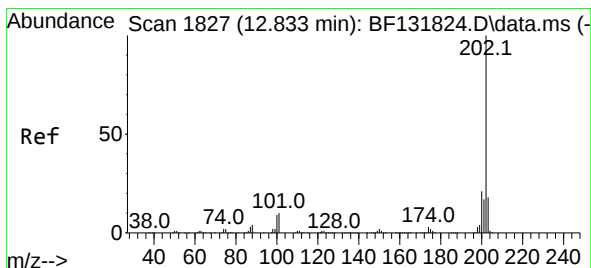
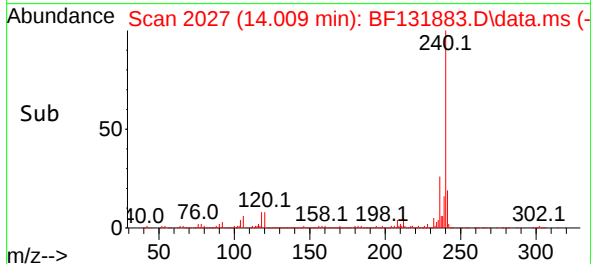
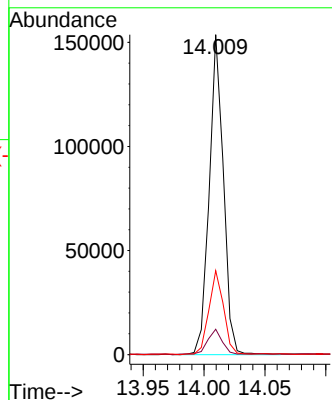
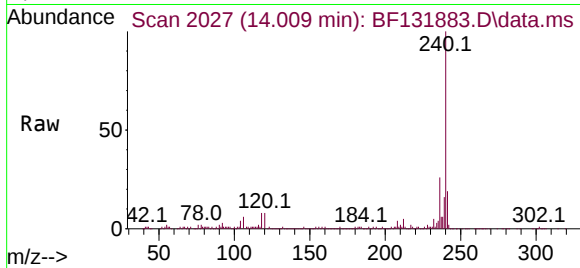




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

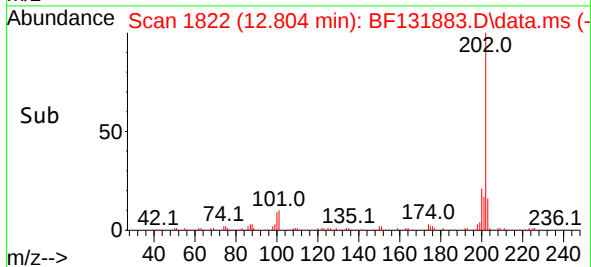
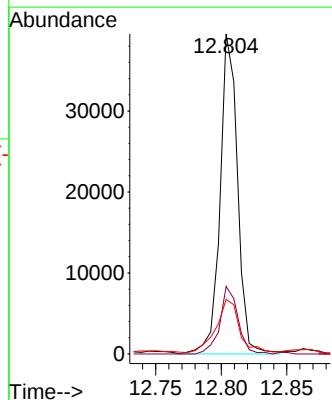
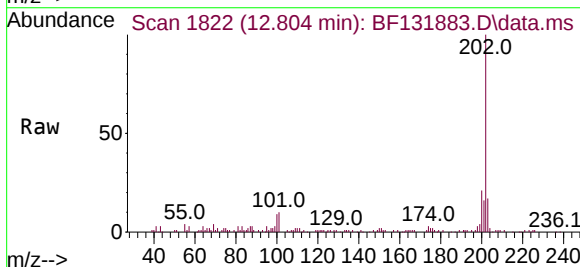
Instrument :
BNA_F
ClientSampleId :
C-1

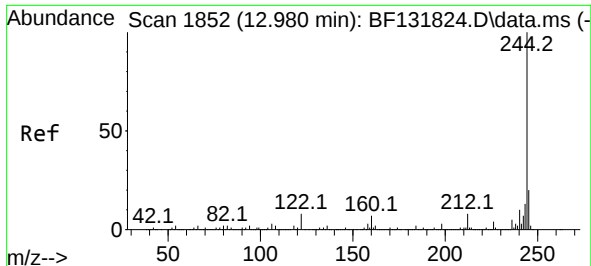
Tgt Ion:240 Resp: 124808
Ion Ratio Lower Upper
240 100
120 7.9 6.7 10.1
236 26.2 20.6 31.0



#78
Pyrene
Concen: 3.518 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF131883.D
Acq: 29 Dec 2022 17:51

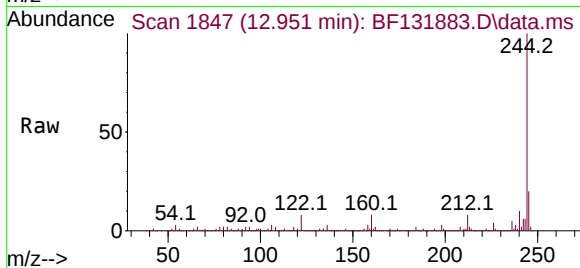
Tgt Ion:202 Resp: 36797
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.0 14.4 21.6





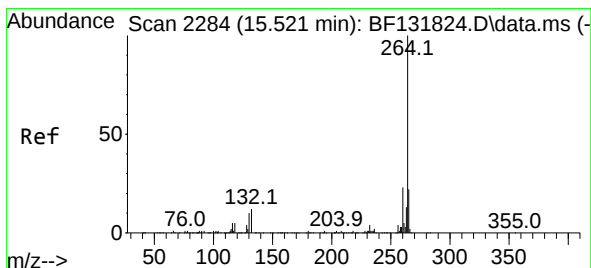
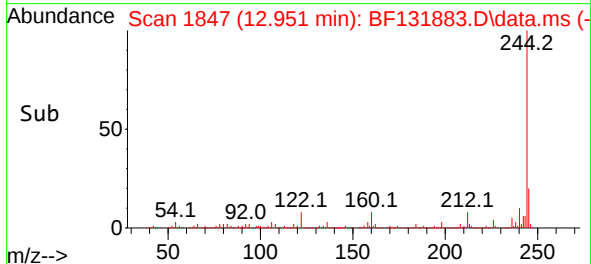
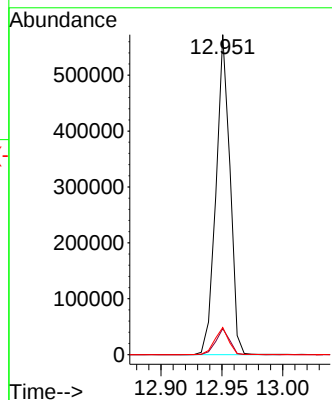
#79
 Terphenyl-d14
 Concen: 61.879 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131883.D
 Acq: 29 Dec 2022 17:51

Instrument :
 BNA_F
 ClientSampleId :
 C-1



Tgt Ion:244 Resp: 456573

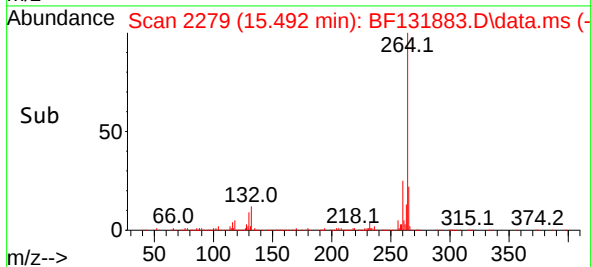
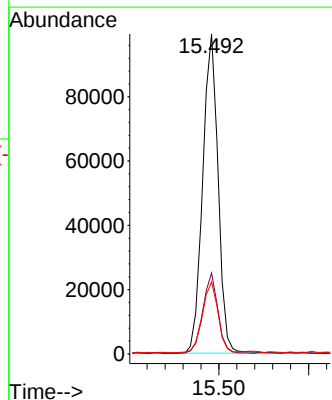
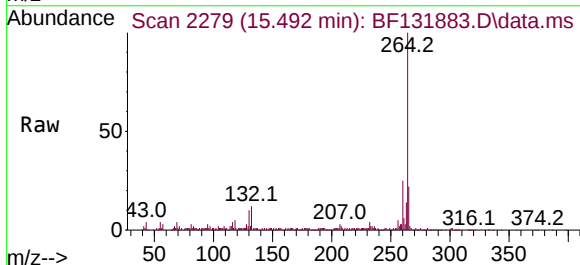
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	8.5	6.4	9.6

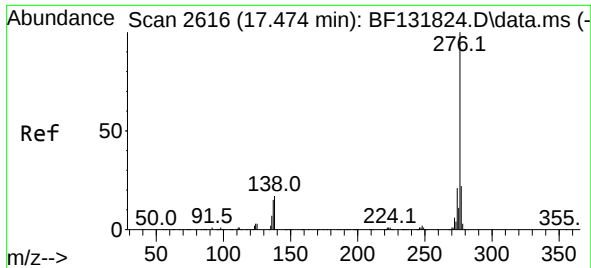


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF131883.D
 Acq: 29 Dec 2022 17:51

Tgt Ion:264 Resp: 118410

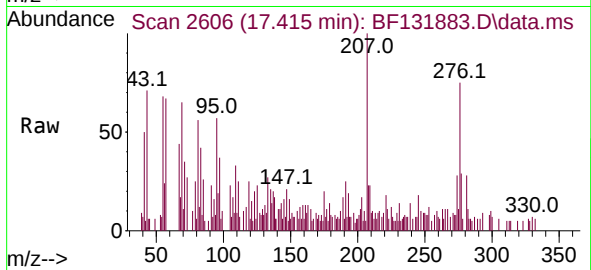
Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	28.0
265	22.5	17.4	26.0





#92
 Benzo(g,h,i)perylene
 Concen: 5.943 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF131883.D
 Acq: 29 Dec 2022 17:51

Instrument :
 BNA_F
 ClientSampleId :
 C-1



Tgt Ion:	276	Resp:	5695
Ion Ratio	Lower	Upper	
276	100		
277	39.4	17.9	26.9#
138	22.1	13.7	20.5#

