

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131852.D
 Acq On : 27 Dec 2022 23:09
 Operator : CG\JU
 Sample : N6205-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-122322

Quant Time: Dec 28 00:43:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

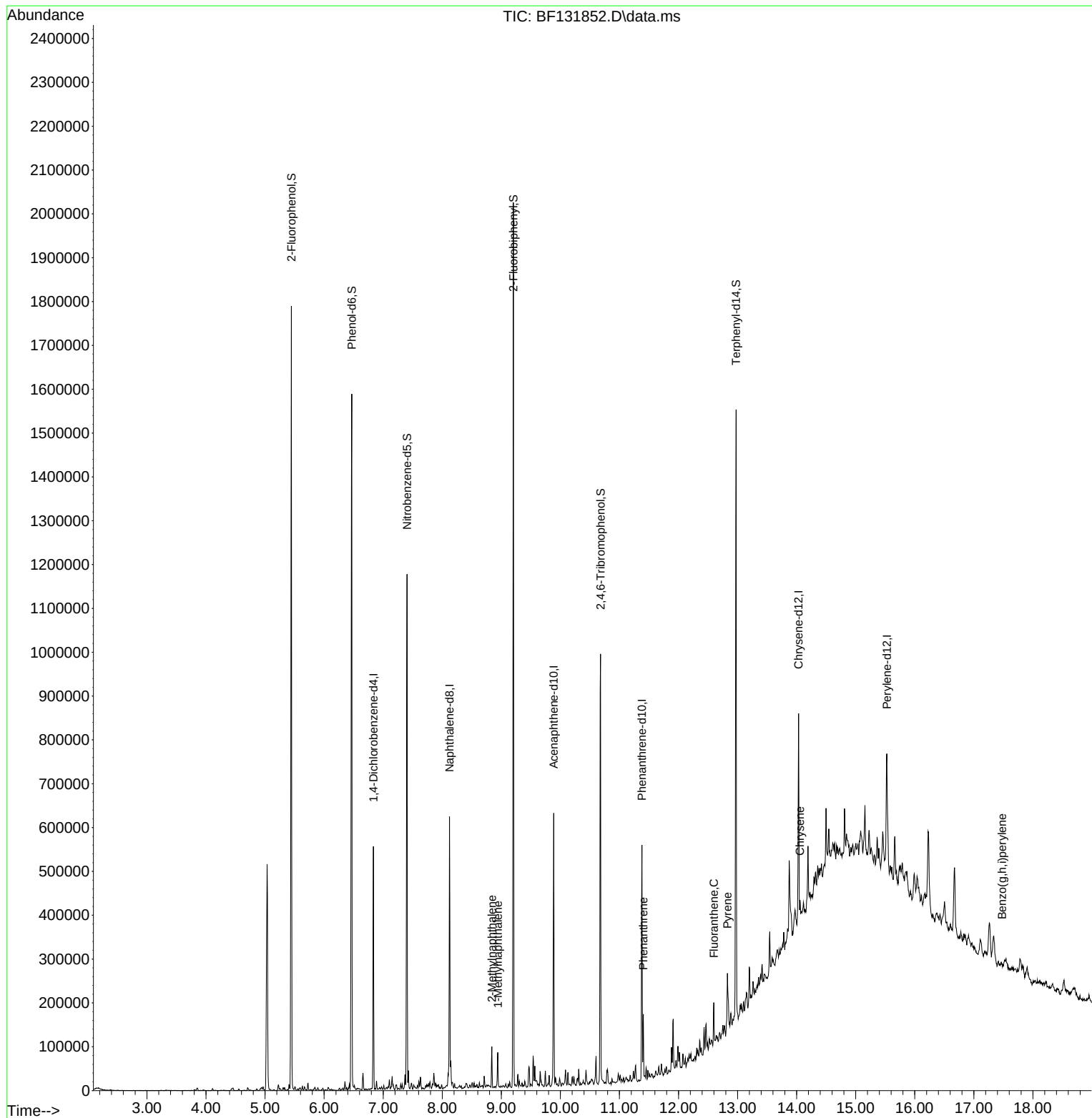
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	67222	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	220596	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	108584	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	179609	20.000	ng	0.00
76) Chrysene-d12	14.033	240	140525	20.000	ng	0.00
86) Perylene-d12	15.527	264	110988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	402352	99.192	ng	0.00
7) Phenol-d6	6.469	99	508543	95.425	ng	0.00
23) Nitrobenzene-d5	7.404	82	357667	64.734	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	101925	86.394	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	513694	64.800	ng	0.00
79) Terphenyl-d14	12.974	244	441439	53.137	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.839	142	19796	2.442	ng	98
38) 1-Methylnaphthalene	8.939	142	16427	2.086	ng	89
71) Phenanthrene	11.404	178	46894	4.748	ng	97
75) Fluoranthene	12.598	202	33956	2.952	ng	99
78) Pyrene	12.827	202	44602	3.787	ng	99
83) Chrysene	14.057	228	22931	2.398	ng	# 87
92) Benzo(g,h,i)perylene	17.480	276	6296	6.068	ng	# 73

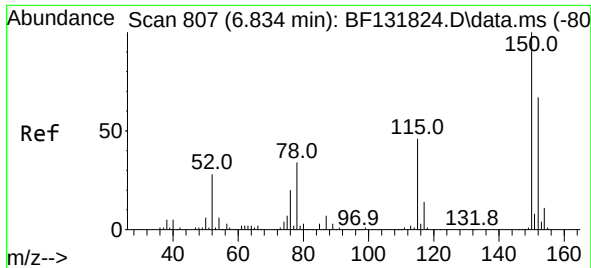
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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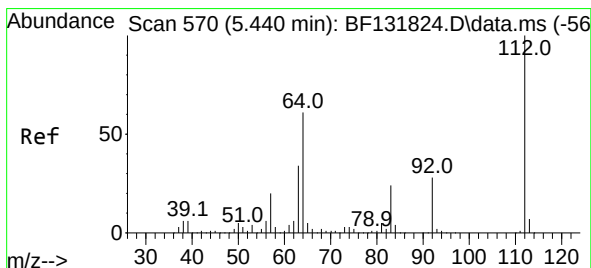
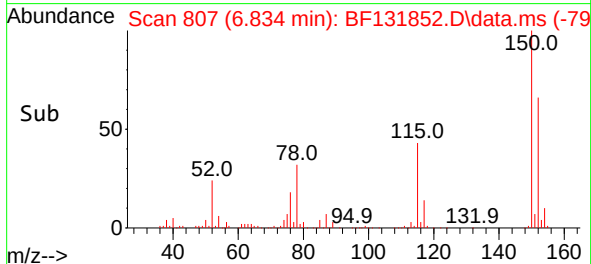
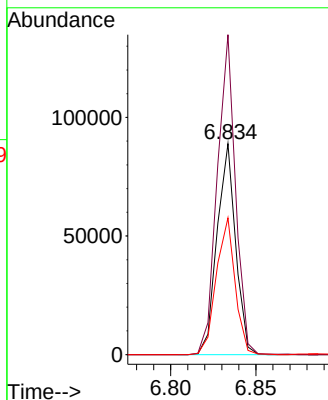
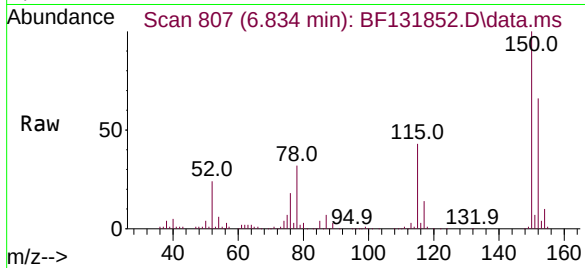




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

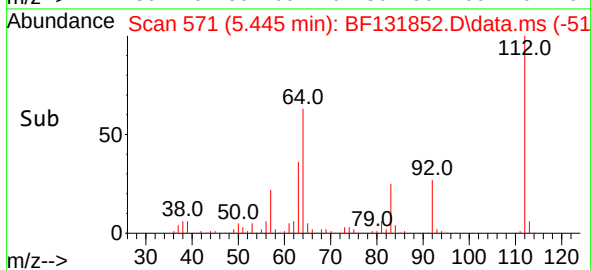
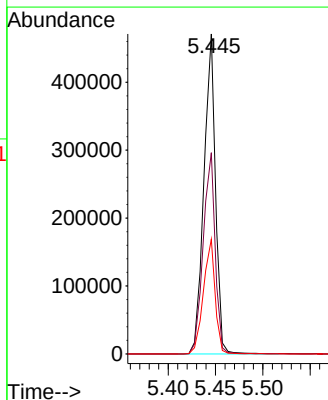
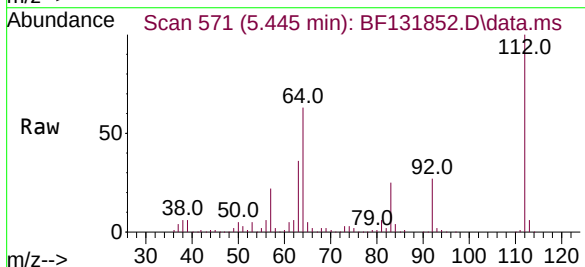
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

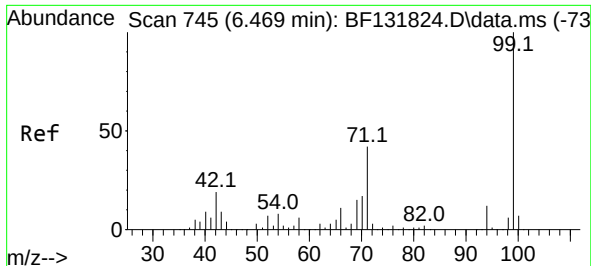
Tgt Ion:152 Resp: 67222
Ion Ratio Lower Upper
152 100
150 151.7 120.0 180.0
115 64.8 55.1 82.7



#5
2-Fluorophenol
Concen: 99.192 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:112 Resp: 402352
Ion Ratio Lower Upper
112 100
64 62.9 49.2 73.8
63 35.8 27.5 41.3

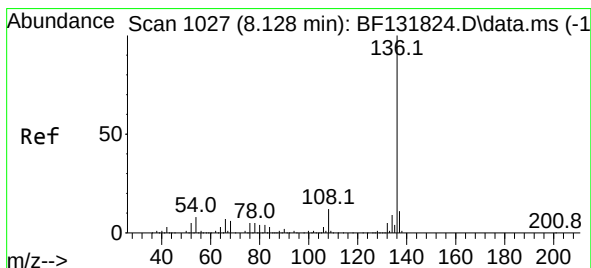
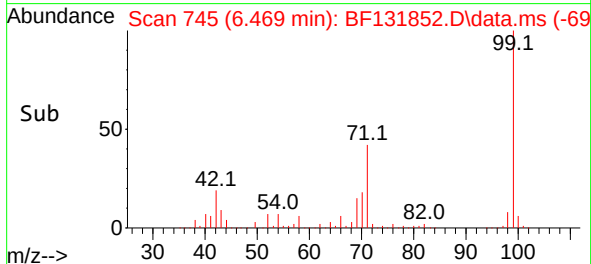
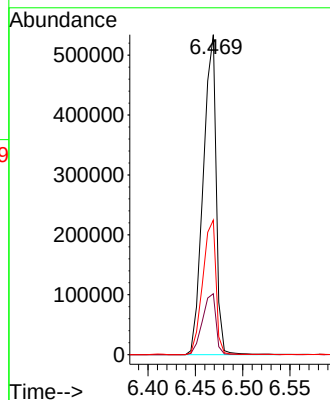
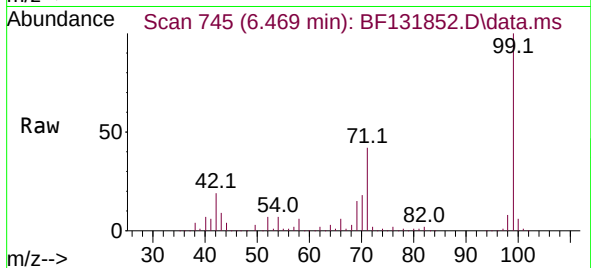




#7
Phenol-d6
Concen: 95.425 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

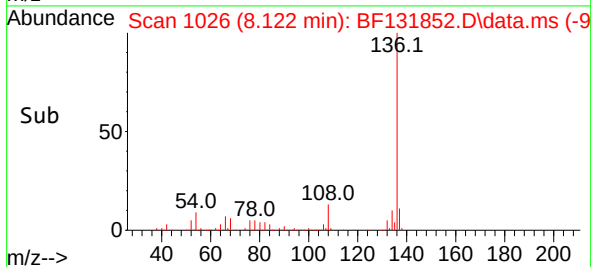
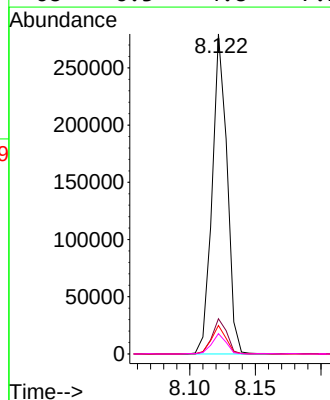
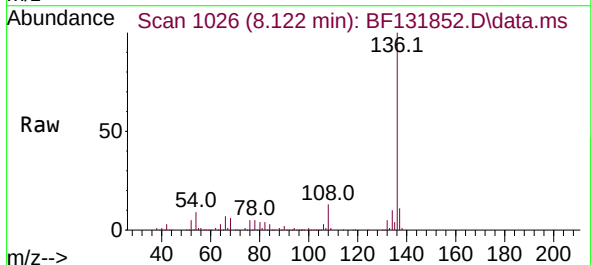
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

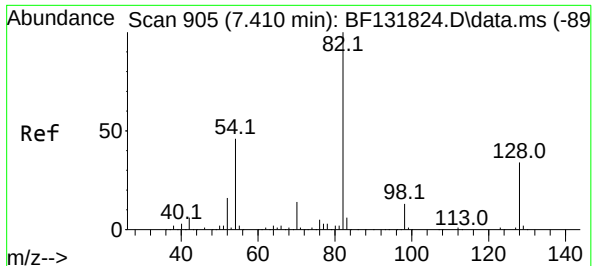
Tgt Ion: 99 Resp: 508543
Ion Ratio Lower Upper
99 100
42 19.0 15.3 22.9
71 42.0 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion: 136 Resp: 220596
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.9 6.7 10.1
68 6.3 4.8 7.2

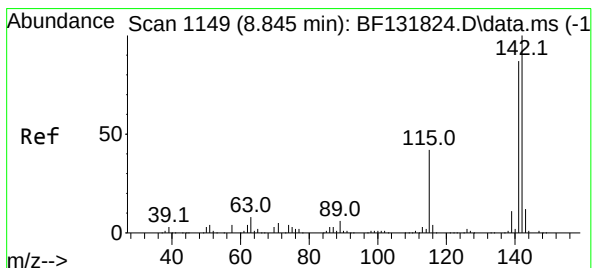
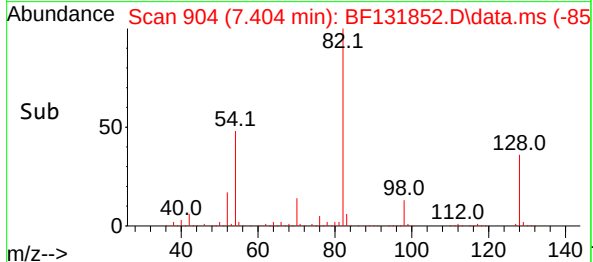
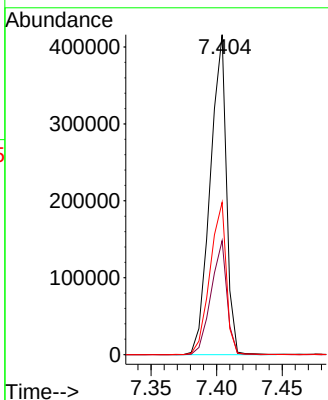
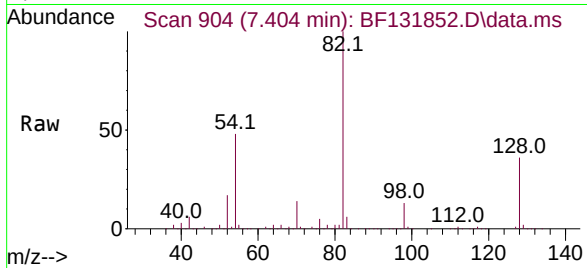




#23
Nitrobenzene-d5
Concen: 64.734 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

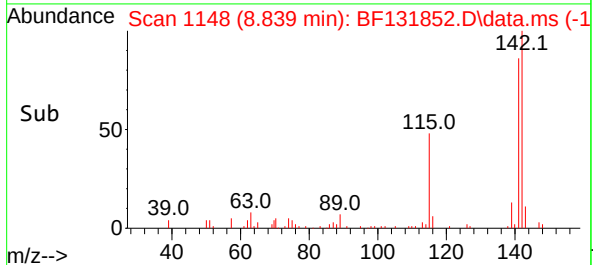
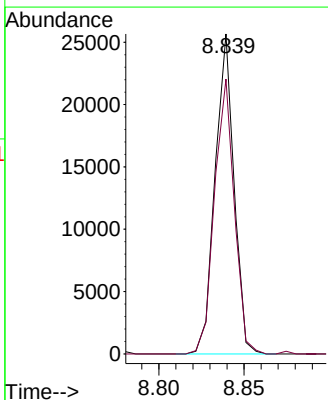
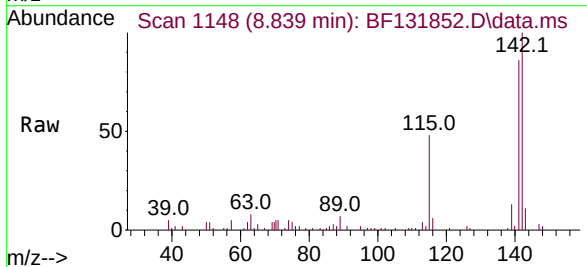
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

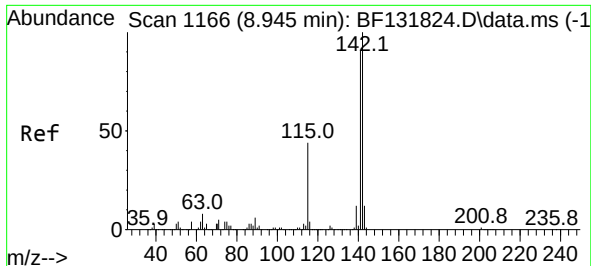
Tgt Ion: 82 Resp: 357667
Ion Ratio Lower Upper
82 100
128 35.6 27.1 40.7
54 47.6 37.0 55.6



#37
2-Methylnaphthalene
Concen: 2.442 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion: 142 Resp: 19796
Ion Ratio Lower Upper
142 100
141 85.9 69.8 104.8

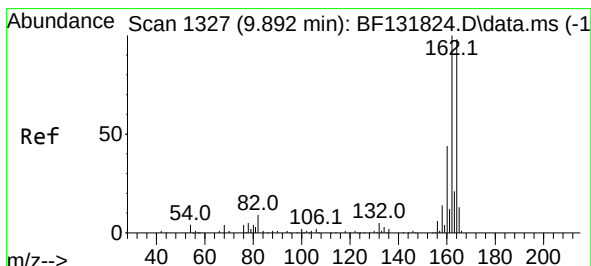
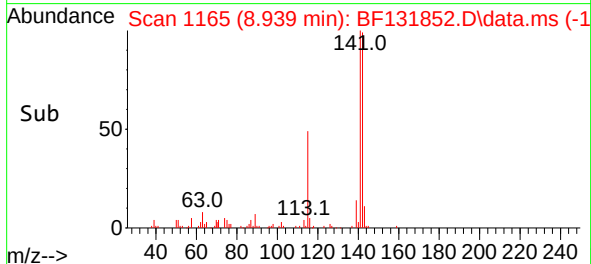
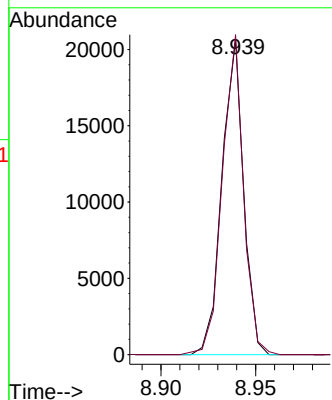
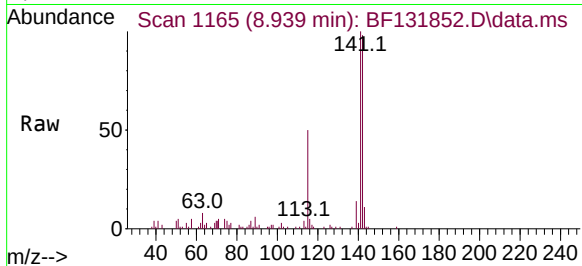




#38
1-Methylnaphthalene
Concen: 2.086 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

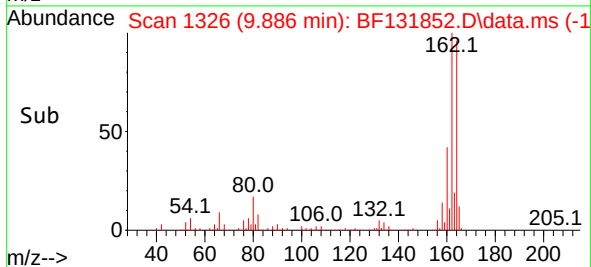
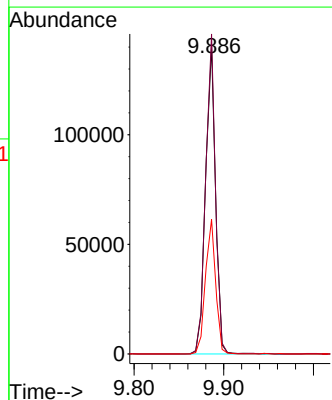
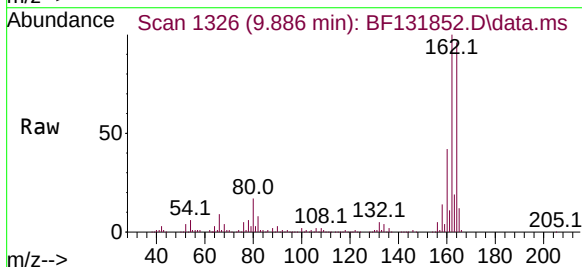
Instrument :
BNA_F
ClientSampleId :
CL-02-122322

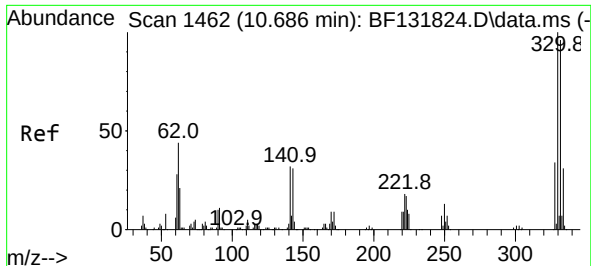
Tgt Ion:142 Resp: 16427
Ion Ratio Lower Upper
142 100
141 101.7 73.0 109.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:164 Resp: 108584
Ion Ratio Lower Upper
164 100
162 104.2 81.8 122.6
160 43.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 86.394 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

Instrument :

BNA_F

ClientSampleId :

CL-02-122322

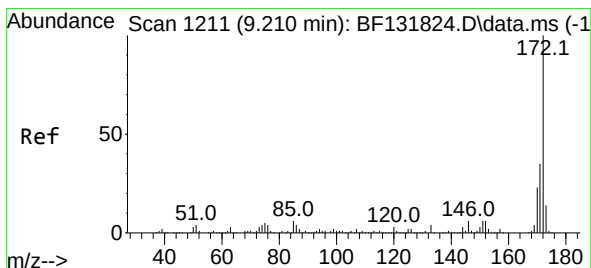
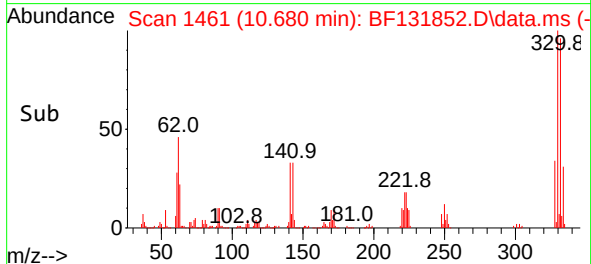
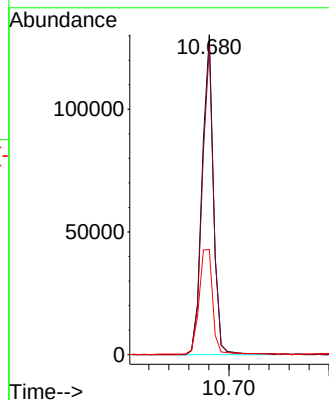
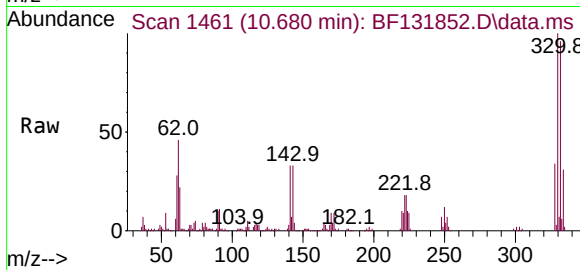
Tgt Ion:330 Resp: 101925

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 40.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 64.800 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

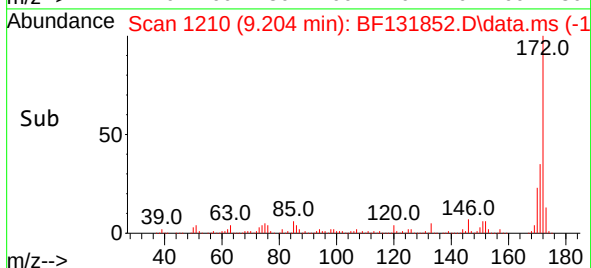
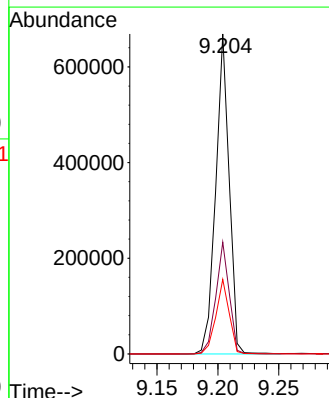
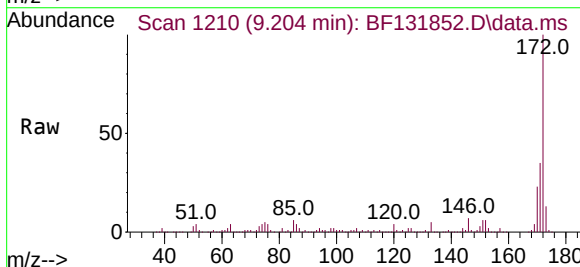
Tgt Ion:172 Resp: 513694

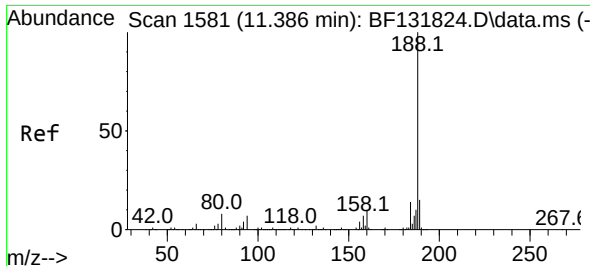
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.3 18.7 28.1

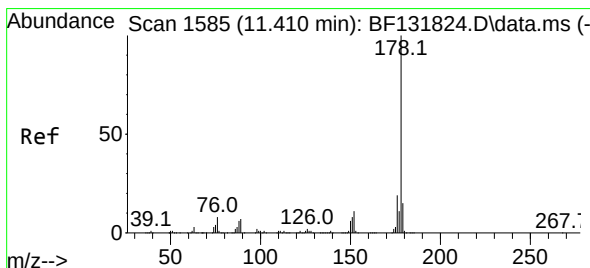
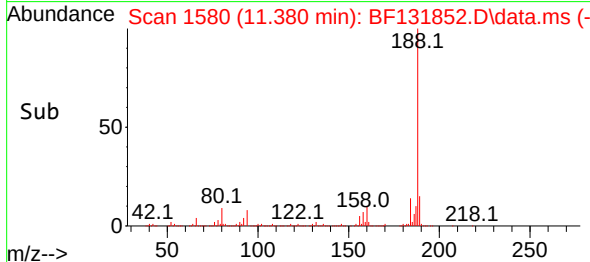
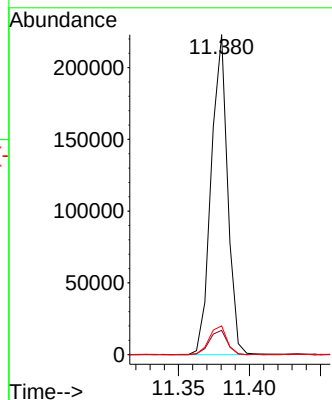
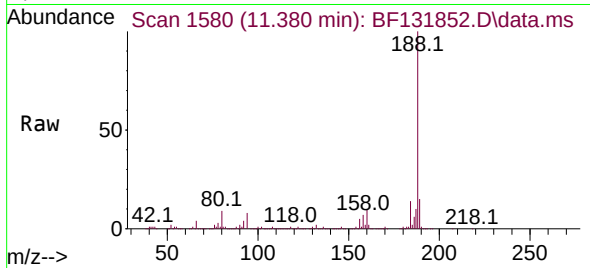




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

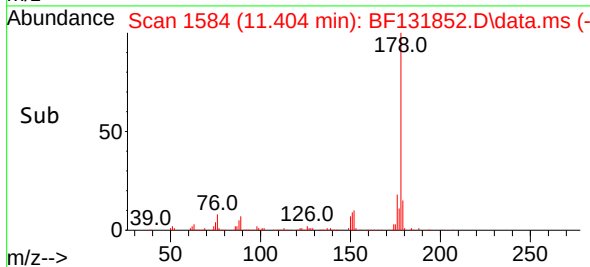
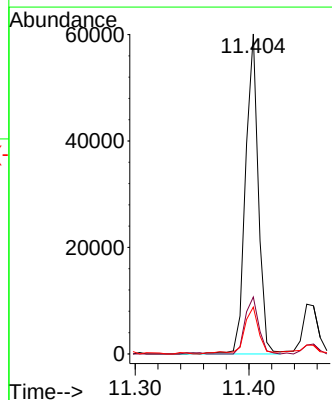
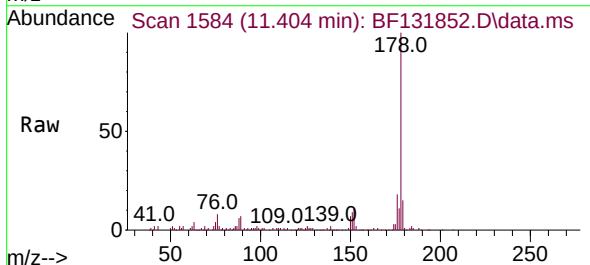
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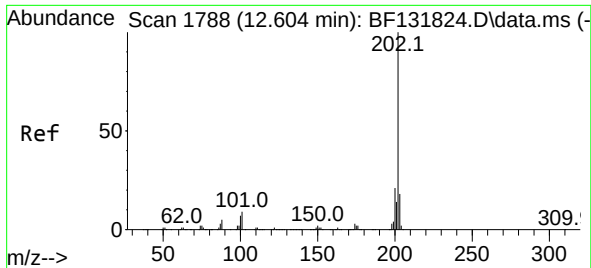
Tgt Ion:188 Resp: 179609
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 9.0 6.7 10.1



#71
Phenanthrene
Concen: 4.748 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:178 Resp: 46894
Ion Ratio Lower Upper
178 100
176 17.8 15.5 23.3
179 14.6 12.2 18.4

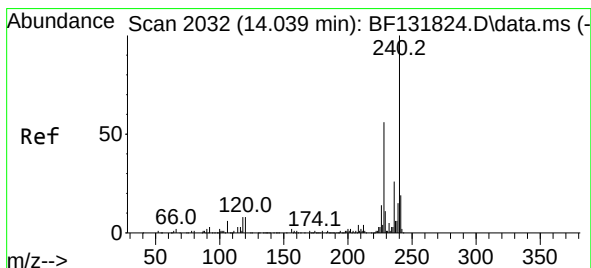
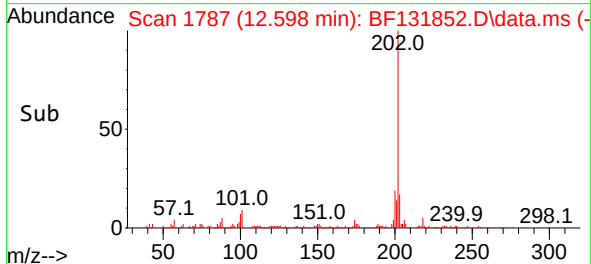
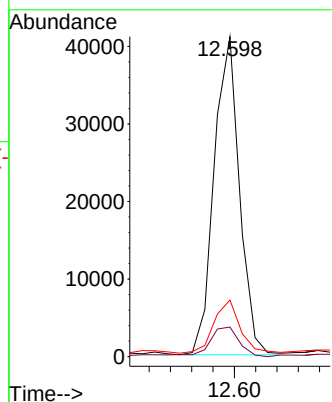
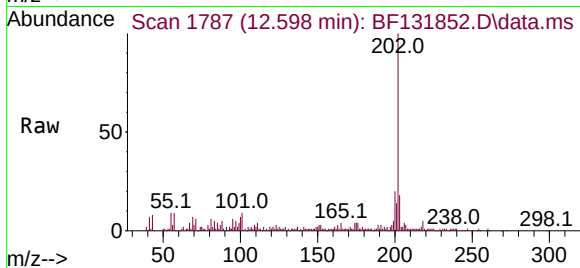




#75
Fluoranthene
Concen: 2.952 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

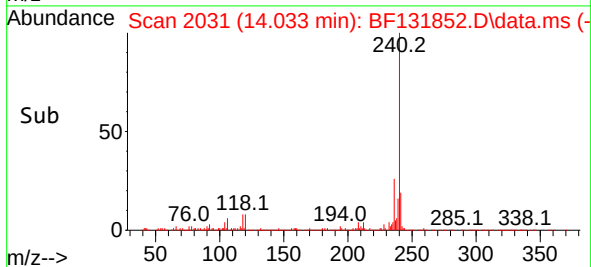
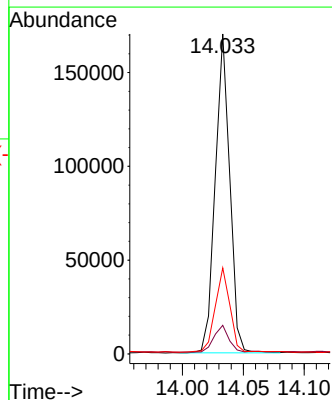
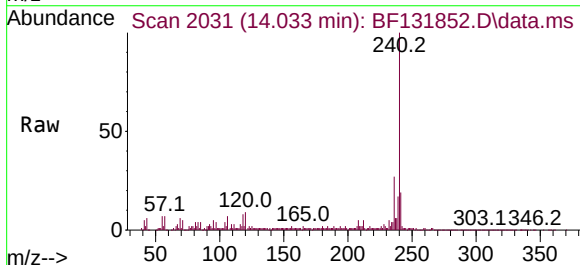
Instrument :
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ClientSampleId :
CL-02-122322

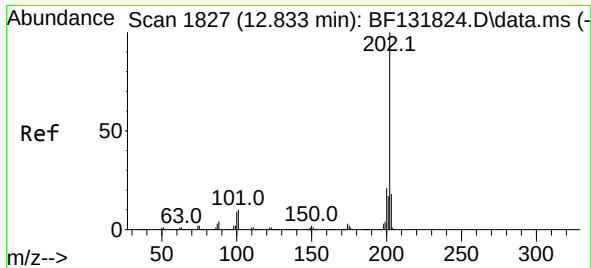
Tgt Ion:	202	Resp:	33956
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	28.6
203	17.7	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131852.D
Acq: 27 Dec 2022 23:09

Tgt Ion:	240	Resp:	140525
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.7	10.1
236	26.9	20.6	31.0

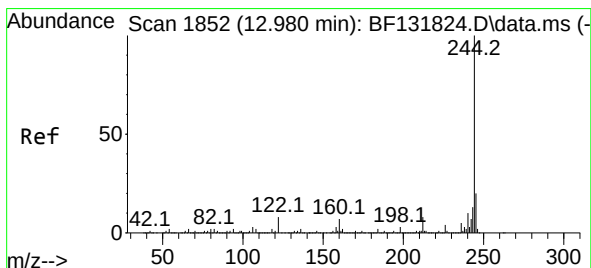
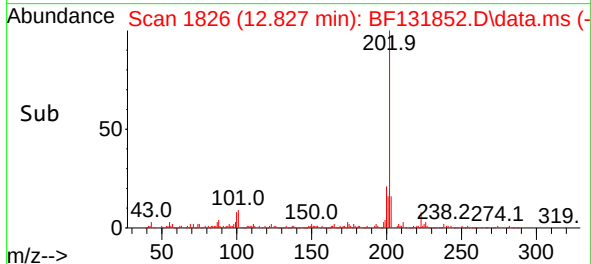
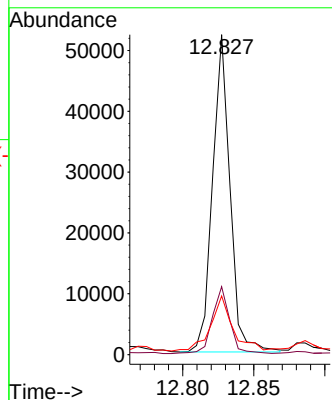
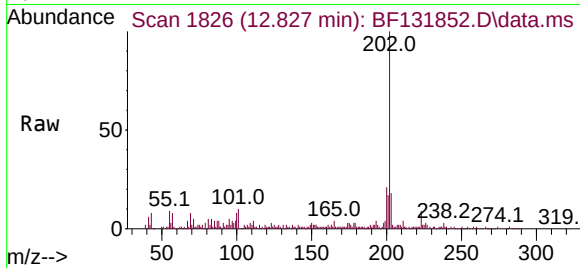




#78
 Pyrene
 Concen: 3.787 ng
 RT: 12.827 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF131852.D
 Acq: 27 Dec 2022 23:09

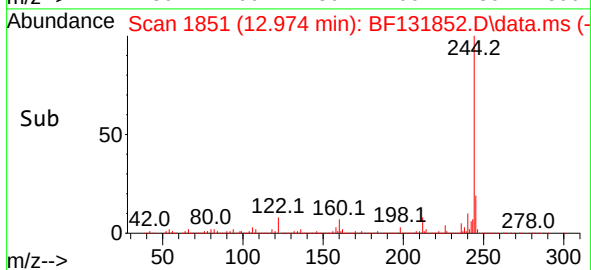
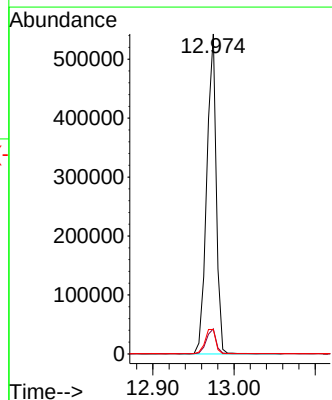
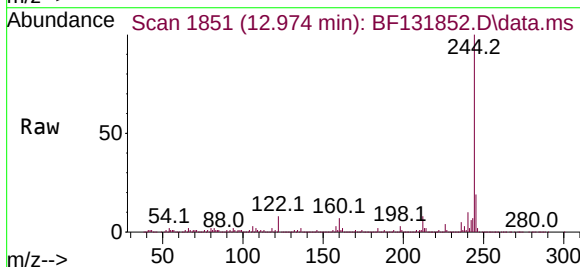
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-122322

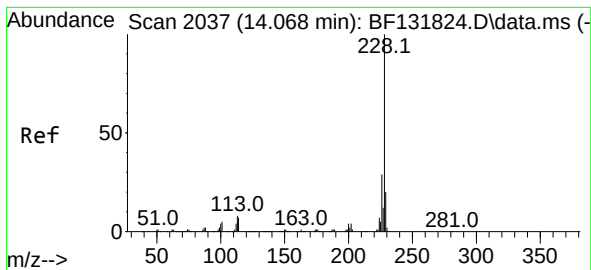
Tgt Ion:	202	Resp:	44602
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.7	25.1
203	18.3	14.4	21.6



#79
 Terphenyl-d14
 Concen: 53.137 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131852.D
 Acq: 27 Dec 2022 23:09

Tgt Ion:	244	Resp:	441439
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.3	9.5
122	7.7	6.4	9.6





#83

Chrysene

Concen: 2.398 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

Instrument :

BNA_F

ClientSampleId :

CL-02-122322

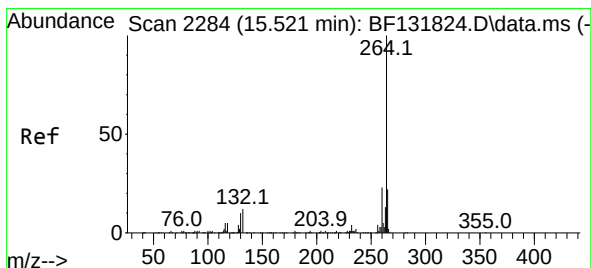
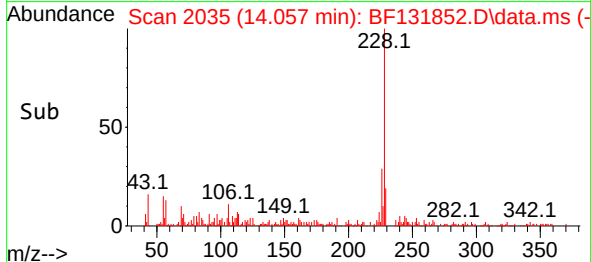
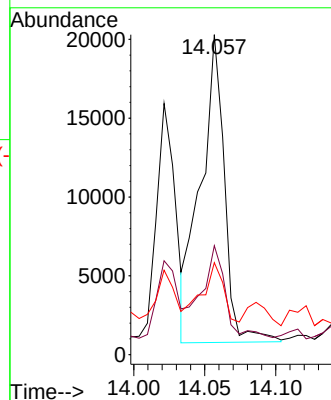
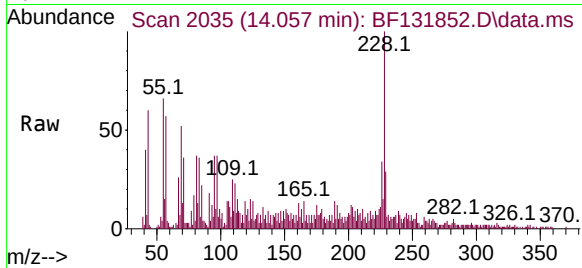
Tgt Ion:228 Resp: 22931

Ion Ratio Lower Upper

228 100

226 34.0 23.5 35.3

229 28.7 16.2 24.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF131852.D

Acq: 27 Dec 2022 23:09

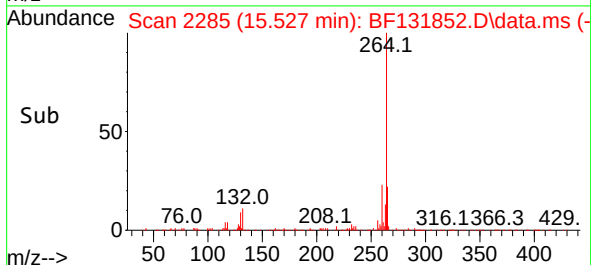
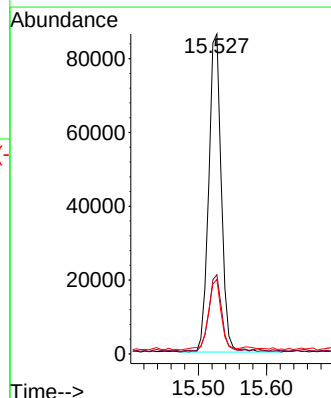
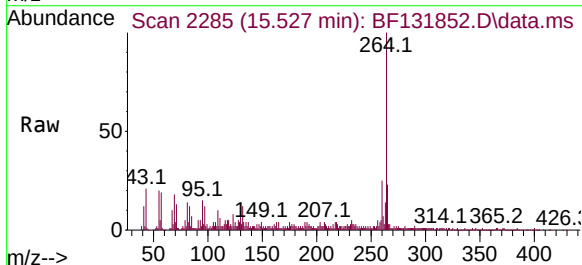
Tgt Ion:264 Resp: 110988

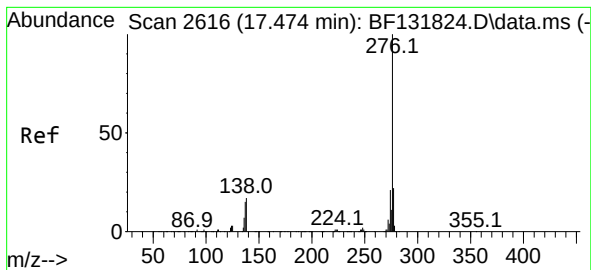
Ion Ratio Lower Upper

264 100

260 24.7 18.6 28.0

265 23.3 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 6.068 ng

RT: 17.480 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF131852.D

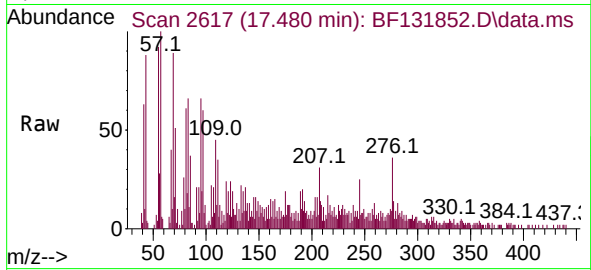
Acq: 27 Dec 2022 23:09

Instrument :

BNA_F

ClientSampleId :

CL-02-122322



Tgt Ion:276 Resp: 6296

Ion Ratio Lower Upper

276 100

277 39.0 17.9 26.9#

138 24.0 13.7 20.5#

