

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122855.D
 Acq On : 24 Dec 2020 14:25
 Operator : JU/CG
 Sample : L5201-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122320

Quant Time: Dec 24 14:57:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

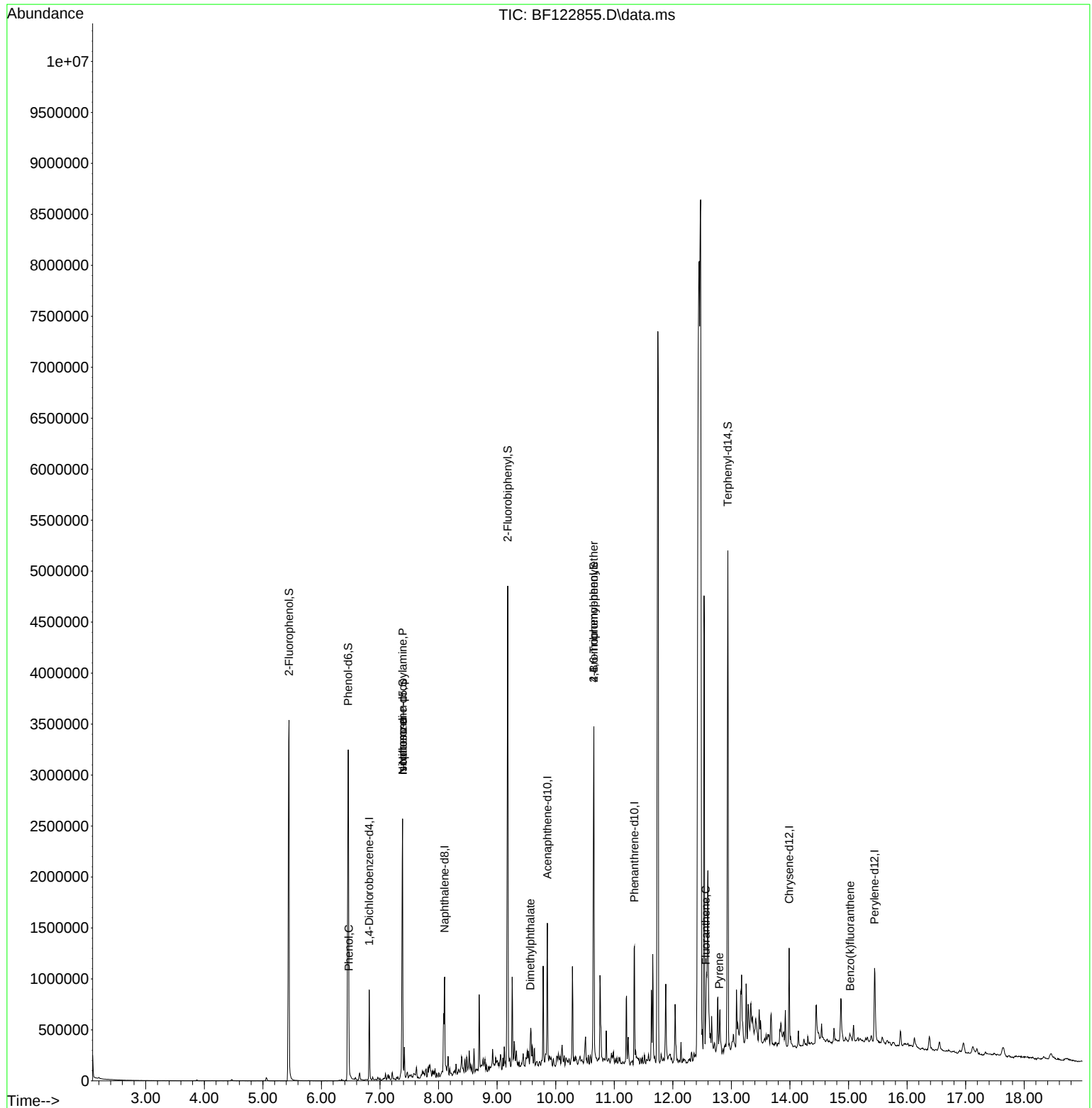
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	124140	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	472656	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	266442	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	463807	20.00	ng	0.00
76) Chrysene-d12	13.986	240	326406	20.00	ng	0.00
86) Perylene-d12	15.445	264	341699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1200056	153.04	ng	0.01
7) Phenol-d6	6.457	99	1466880	141.05	ng	0.00
23) Nitrobenzene-d5	7.387	82	920685	97.59	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	490737	140.71	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1669370	84.74	ng	0.00
79) Terphenyl-d14	12.939	244	1824265	97.83	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	107566	9.98	ng	88
19) n-Nitroso-di-n-propyla...	7.387	70	122294	20.53	ng	# 77
25) Isophorone	7.387	82	917003	56.44	ng	# 65
50) Dimethylphthalate	9.569	163	44071	2.07	ng	# 96
67) 4-Bromophenyl-phenylether	10.651	248	30460	4.85	ng	# 1
75) Fluoranthene	12.563	202	76248	2.64	ng	98
78) Pyrene	12.792	202	75932	3.01	ng	99
89) Benzo(k)fluoranthene	15.027	252	44725	2.04	ng	# 74

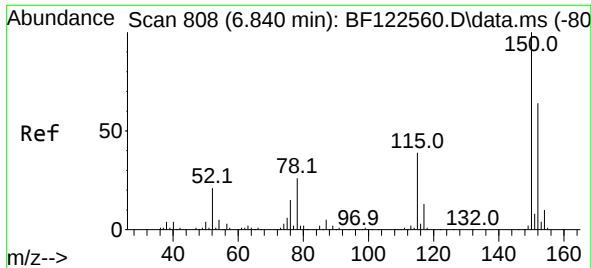
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

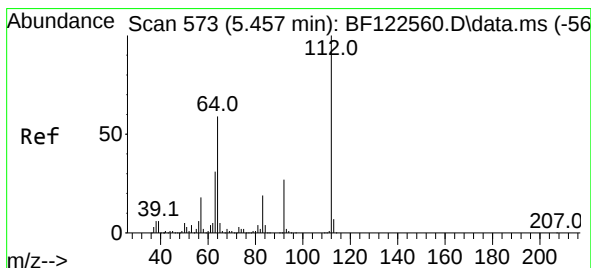
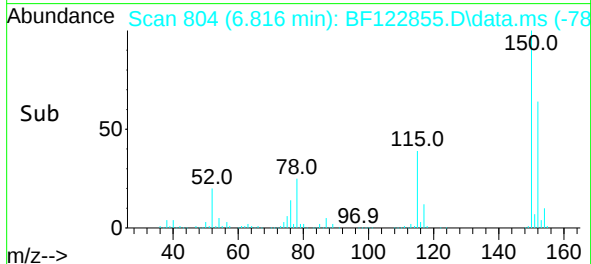
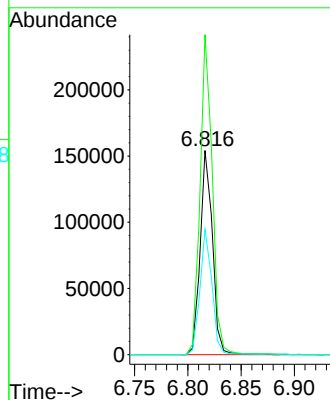
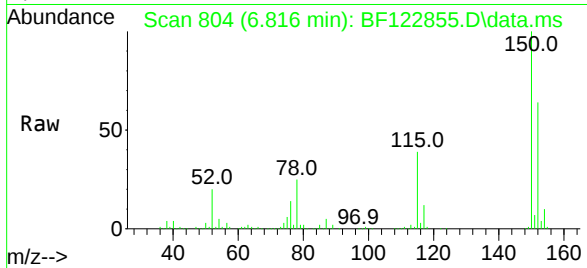




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

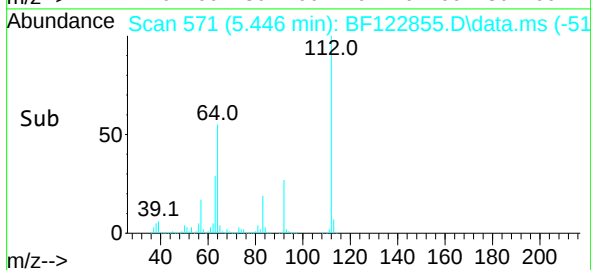
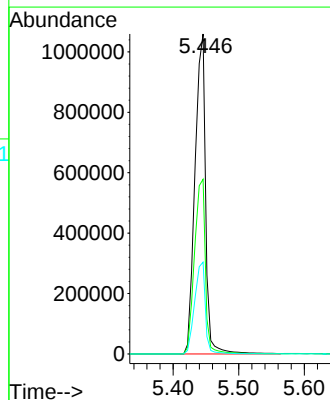
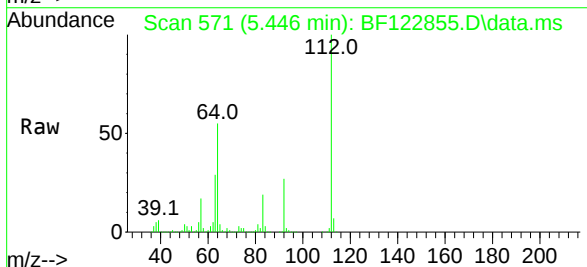
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

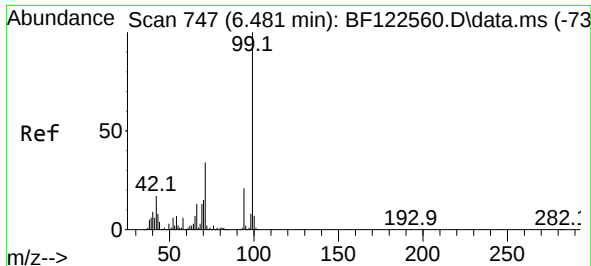
Tgt Ion:152 Resp: 124140
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 61.4 49.3 73.9



#5
2-Fluorophenol
Concen: 153.04 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Tgt Ion:112 Resp: 1200056
Ion Ratio Lower Upper
112 100
64 54.6 46.9 70.3
63 28.7 24.5 36.7

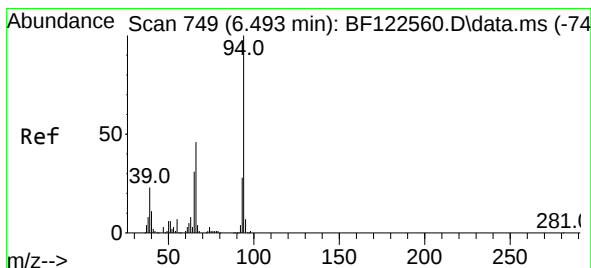
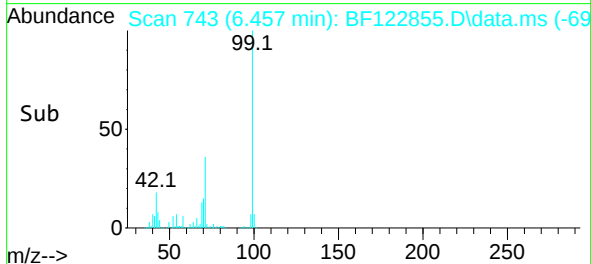
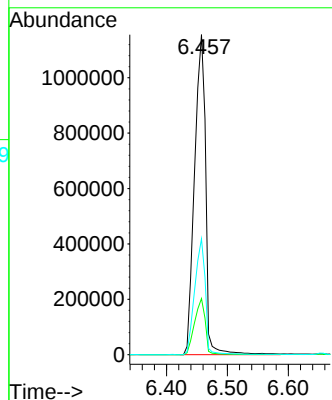
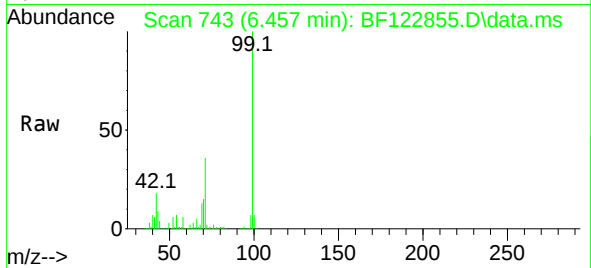




#7
Phenol-d6
Concen: 141.05 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

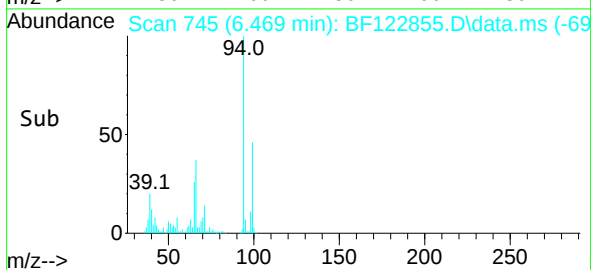
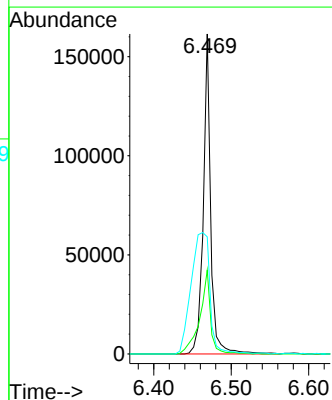
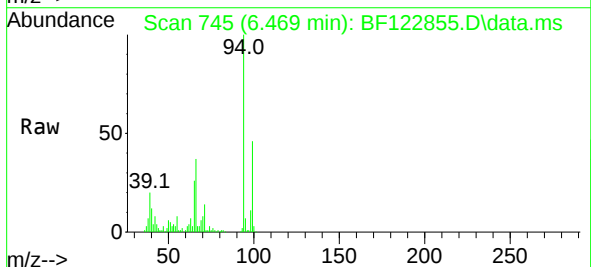
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

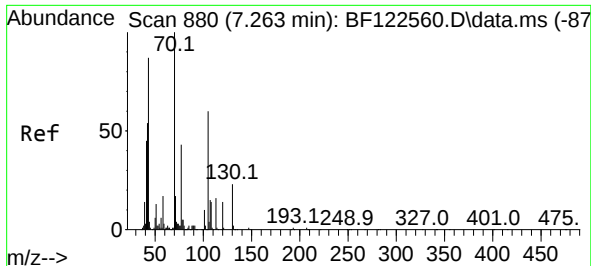
Tgt Ion: 99 Resp: 1466880
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.6
71 36.2 26.9 40.3



#10
Phenol
Concen: 9.98 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

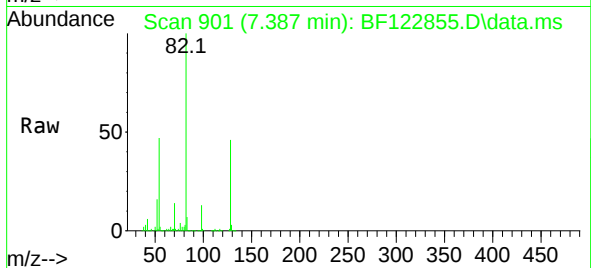
Tgt Ion: 94 Resp: 107566
Ion Ratio Lower Upper
94 100
65 26.2 11.2 51.2
66 36.6 25.8 65.8



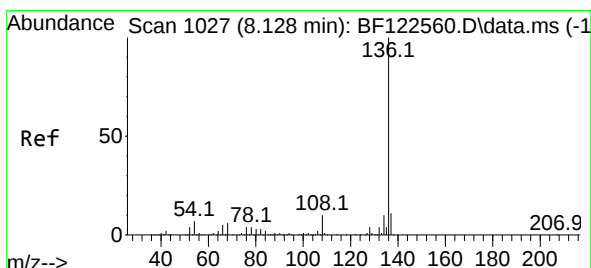
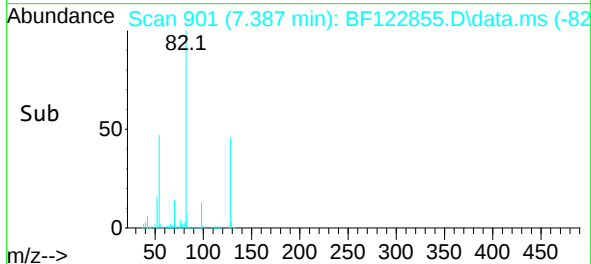
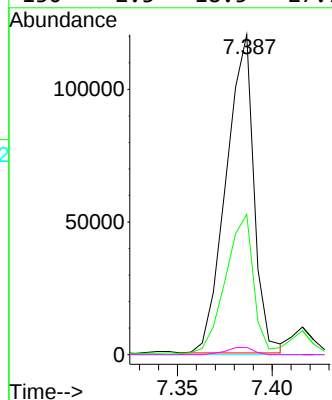


#19
n-Nitroso-di-n-propylamine
Concen: 20.53 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

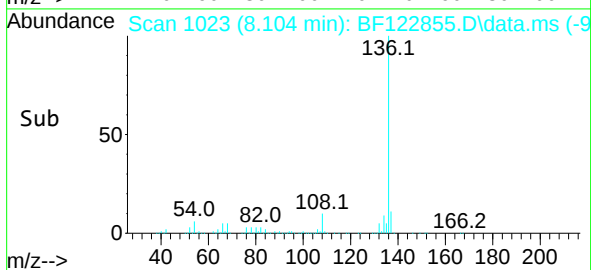
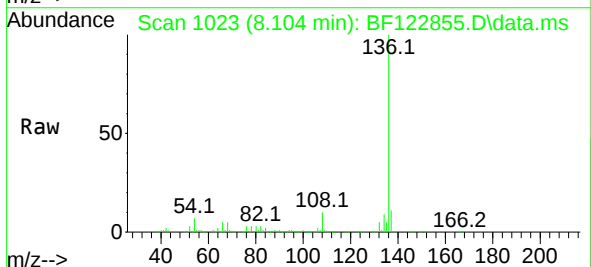
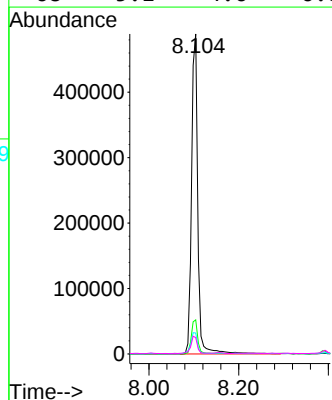


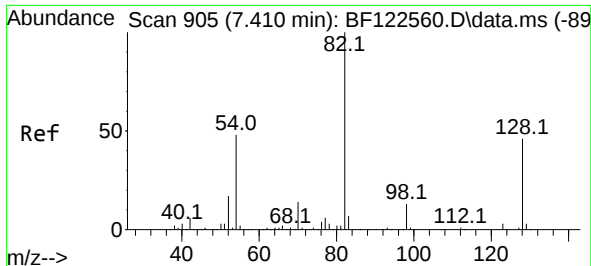
Tgt Ion: 70 Resp: 122294
Ion Ratio Lower Upper
70 100
42 43.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Tgt Ion: 136 Resp: 472656
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.5 8.3
68 5.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 97.59 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF122855.D

Acq: 24 Dec 2020 14:25

Tgt Ion: 82 Resp: 920685

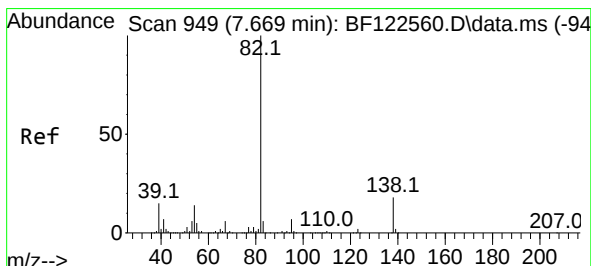
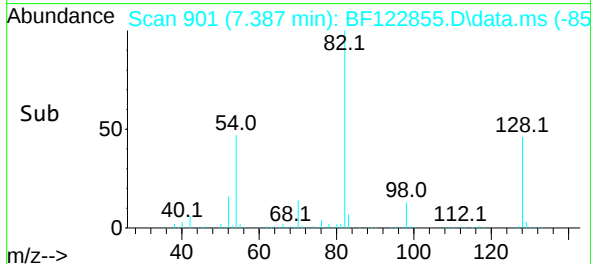
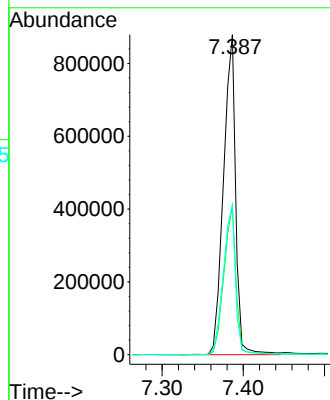
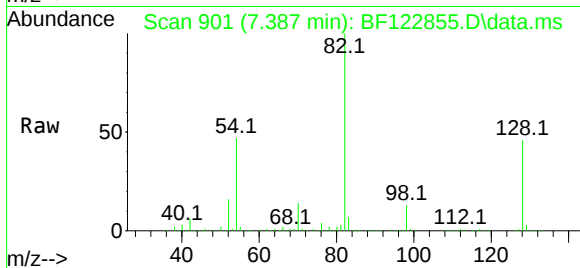
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	46.7	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

HD-02-122320



#25

Isophorone

Concen: 56.44 ng

RT: 7.387 min Scan# 901

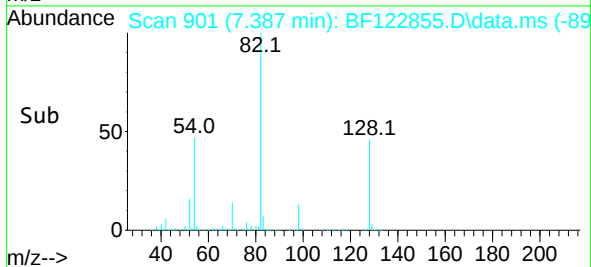
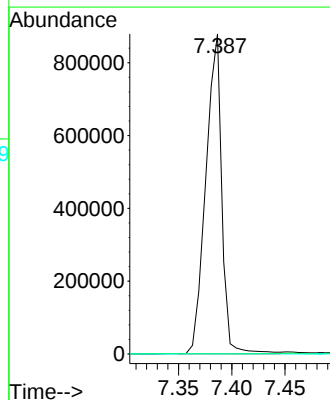
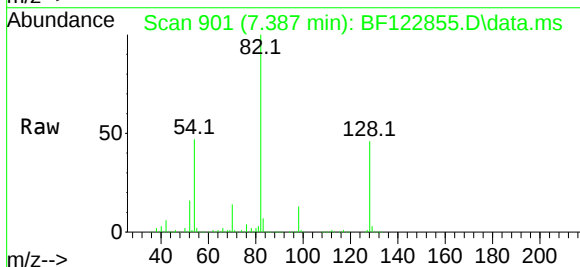
Delta R.T. -0.259 min

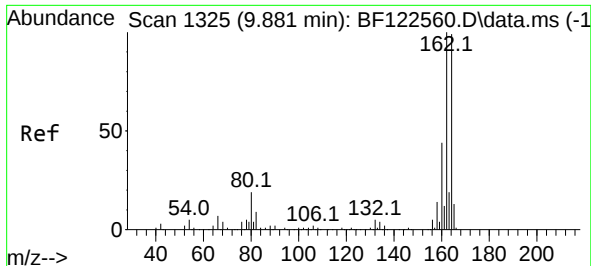
Lab File: BF122855.D

Acq: 24 Dec 2020 14:25

Tgt Ion: 82 Resp: 917003

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

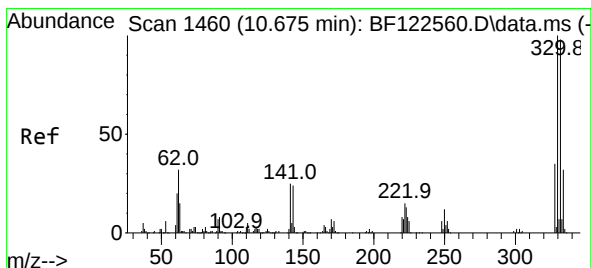
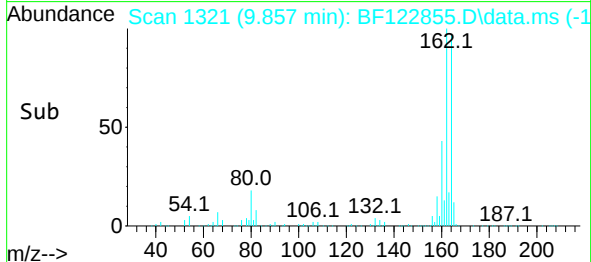
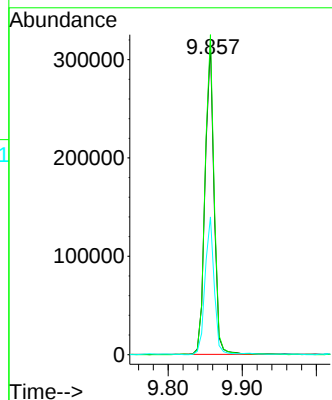
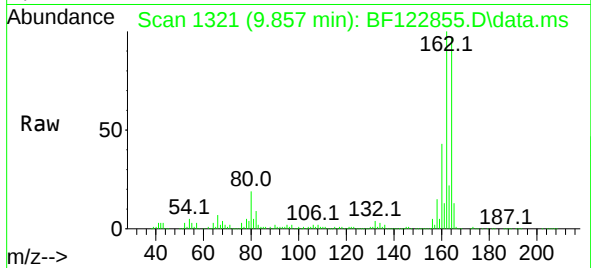




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

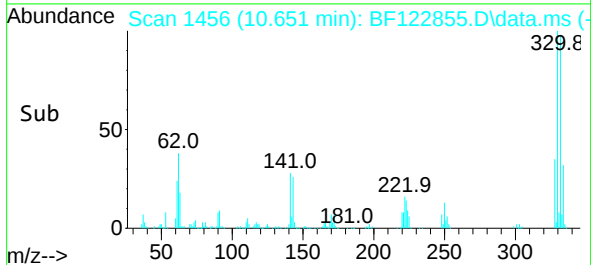
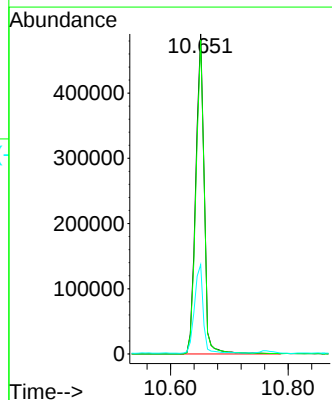
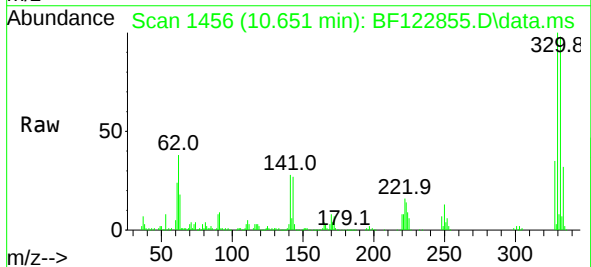
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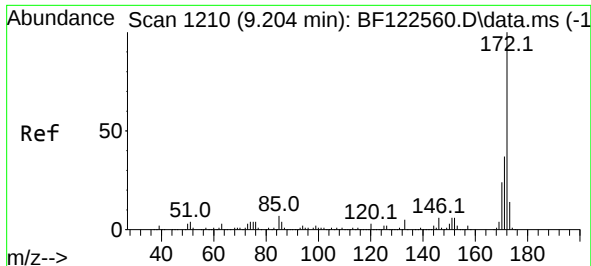
Tgt Ion:164 Resp: 266442
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 140.71 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Tgt Ion:330 Resp: 490737
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 28.8 23.8 35.8



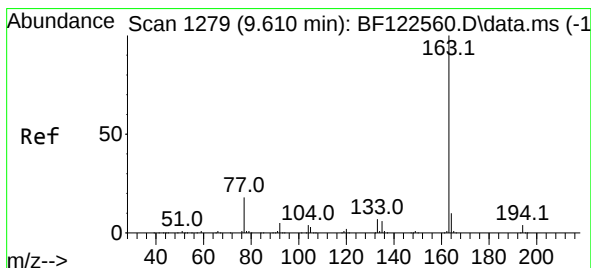
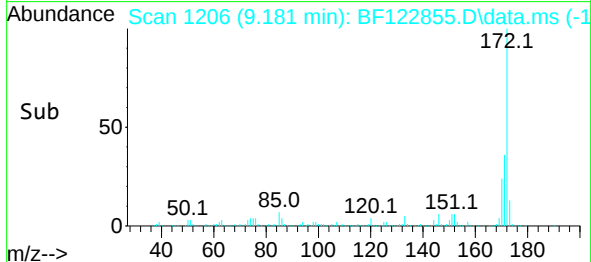
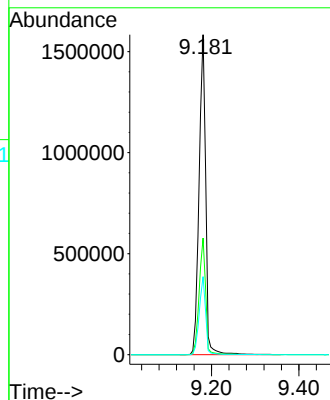
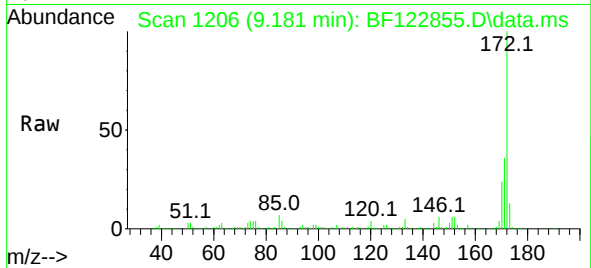


#45
2-Fluorobiphenyl
Concen: 84.74 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Tgt Ion:172 Resp: 1669370

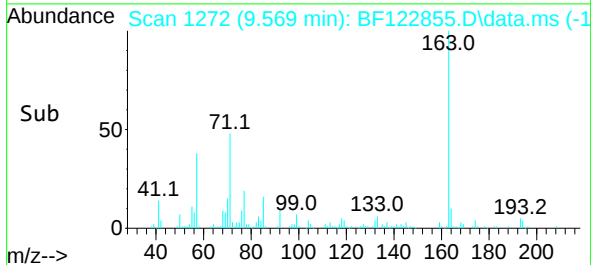
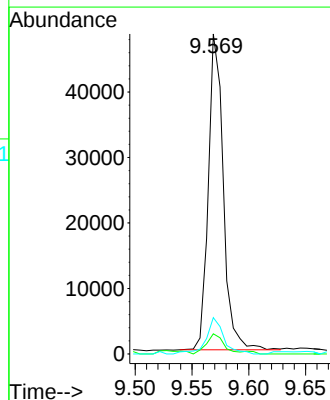
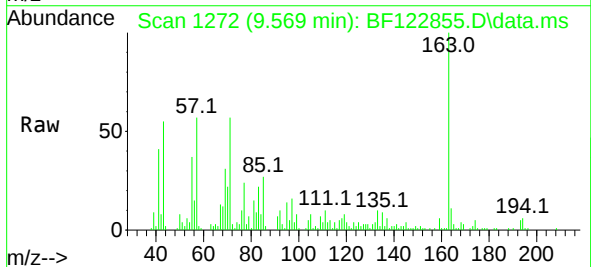
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	19.5	29.3

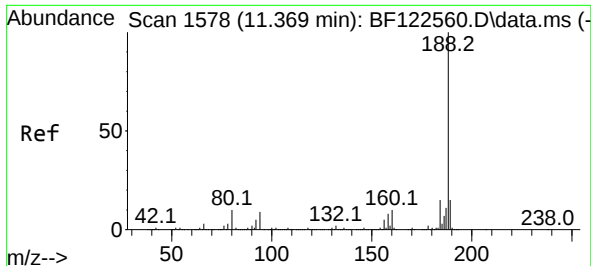


#50
Dimethylphthalate
Concen: 2.07 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Tgt Ion:163 Resp: 44071

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.4	5.0#
164	11.4	8.1	12.1

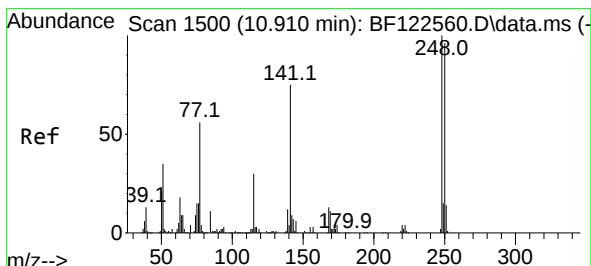
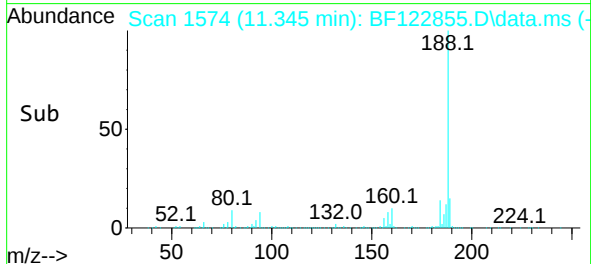
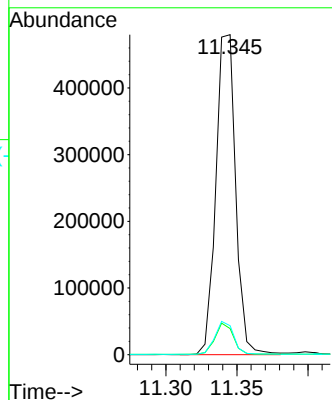
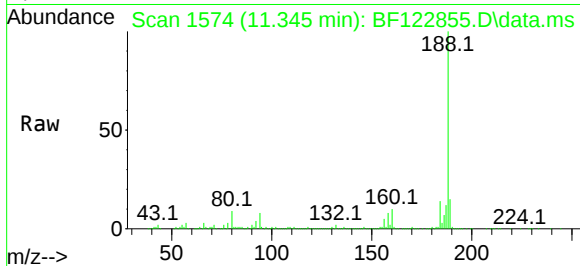




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

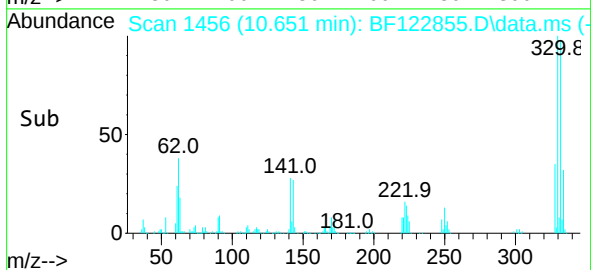
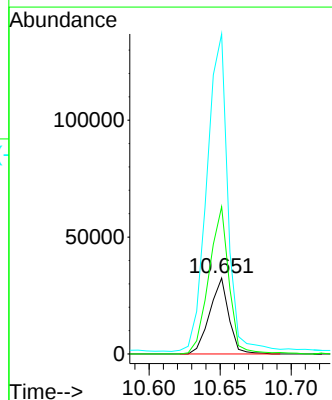
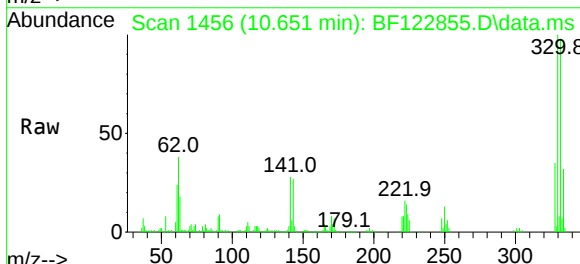
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

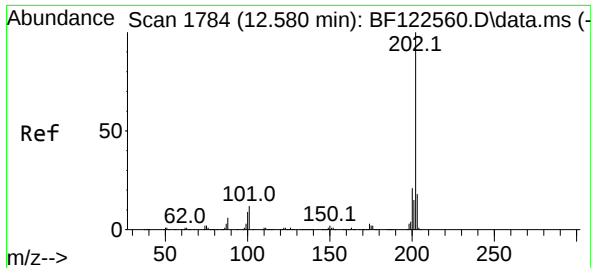
Tgt Ion:188 Resp: 463807
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.85 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Tgt Ion:248 Resp: 30460
Ion Ratio Lower Upper
248 100
250 194.0 76.8 115.2#
141 421.6 59.8 89.8#

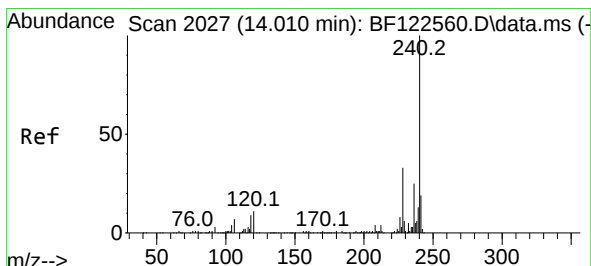
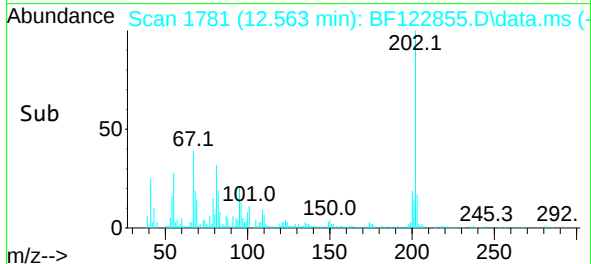
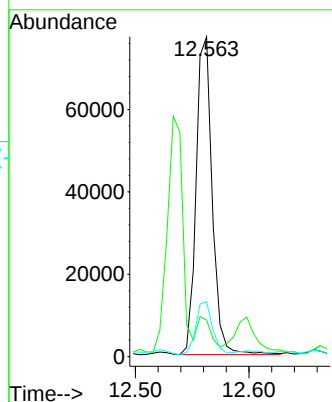
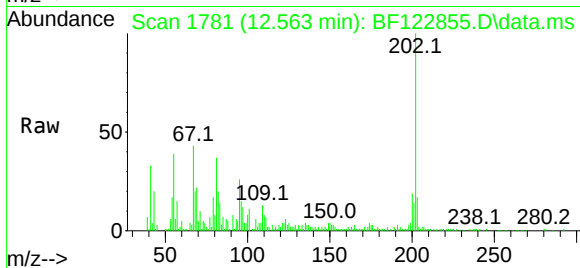




#75
Fluoranthene
Concen: 2.64 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

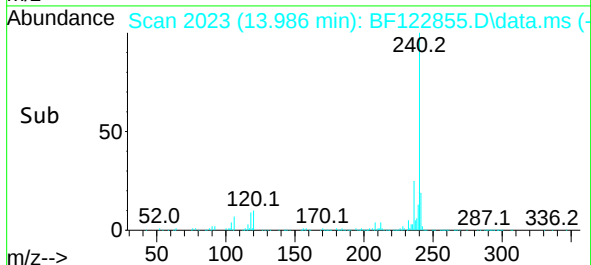
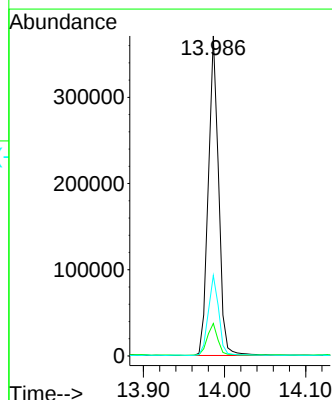
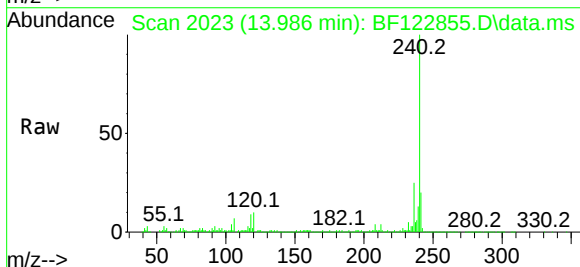
Instrument :
BNA_F
ClientSampleId :
HD-02-122320

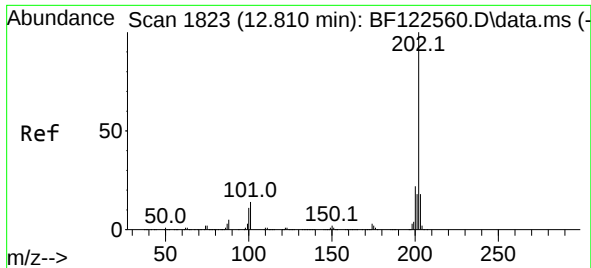
Tgt Ion:202 Resp: 76248
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Tgt Ion:240 Resp: 326406
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.1 20.3 30.5

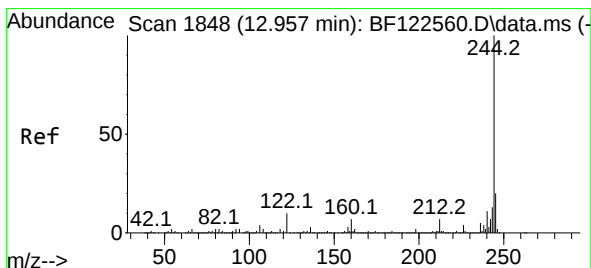
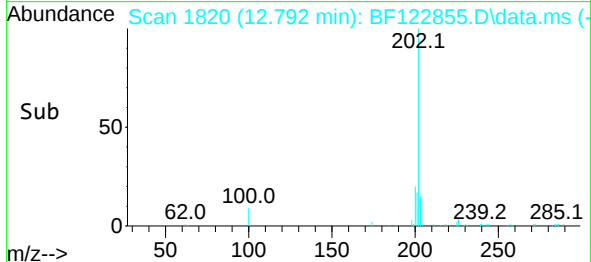
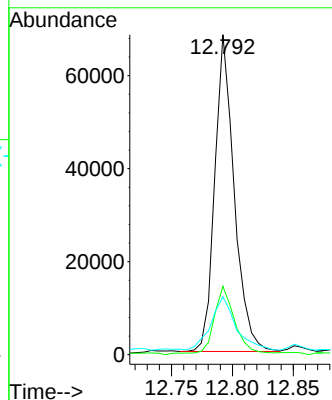
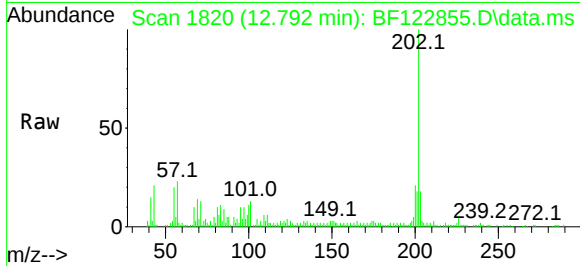




#78
 Pyrene
 Concen: 3.01 ng
 RT: 12.792 min Scan# 1820
 Delta R.T. 0.006 min
 Lab File: BF122855.D
 Acq: 24 Dec 2020 14:25

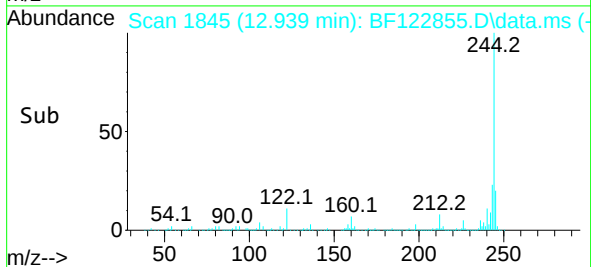
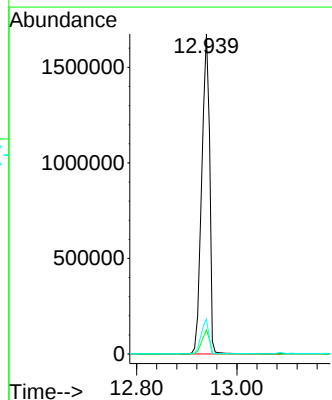
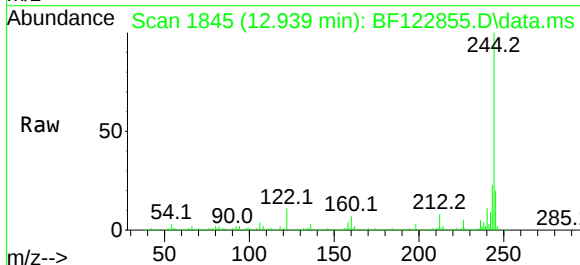
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122320

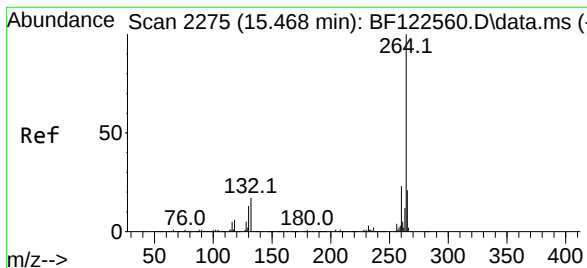
Tgt Ion:	202	Resp:	75932
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	18.1	14.6	21.8



#79
 Terphenyl-d14
 Concen: 97.83 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: BF122855.D
 Acq: 24 Dec 2020 14:25

Tgt Ion:	244	Resp:	1824265
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	10.9	8.3	12.5

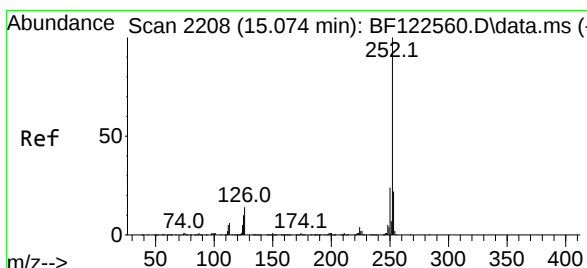
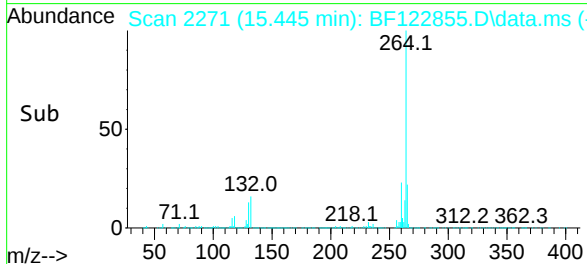
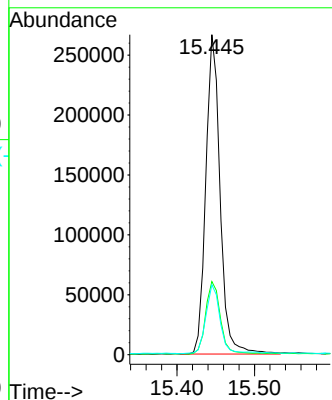
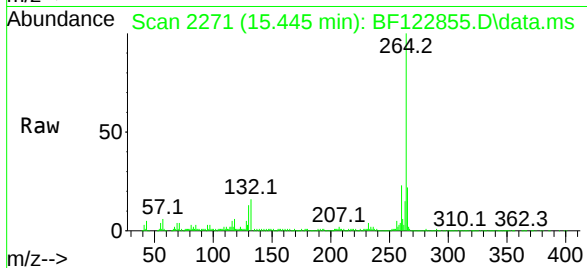




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Instrument :
BNA_F
ClientSampleId :
HD-02-122320

Tgt Ion:264 Resp: 341699
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.9 17.0 25.6



#89
Benzo(k)fluoranthene
Concen: 2.04 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.024 min
Lab File: BF122855.D
Acq: 24 Dec 2020 14:25

Tgt Ion:252 Resp: 44725
Ion Ratio Lower Upper
252 100
253 34.7 17.8 26.8#
125 20.2 8.4 12.6#

