

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122131.D
 Acq On : 26 Oct 2020 23:15
 Operator : JU/CG
 Sample : L4219-17 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102320

Quant Time: Oct 27 00:57:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

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

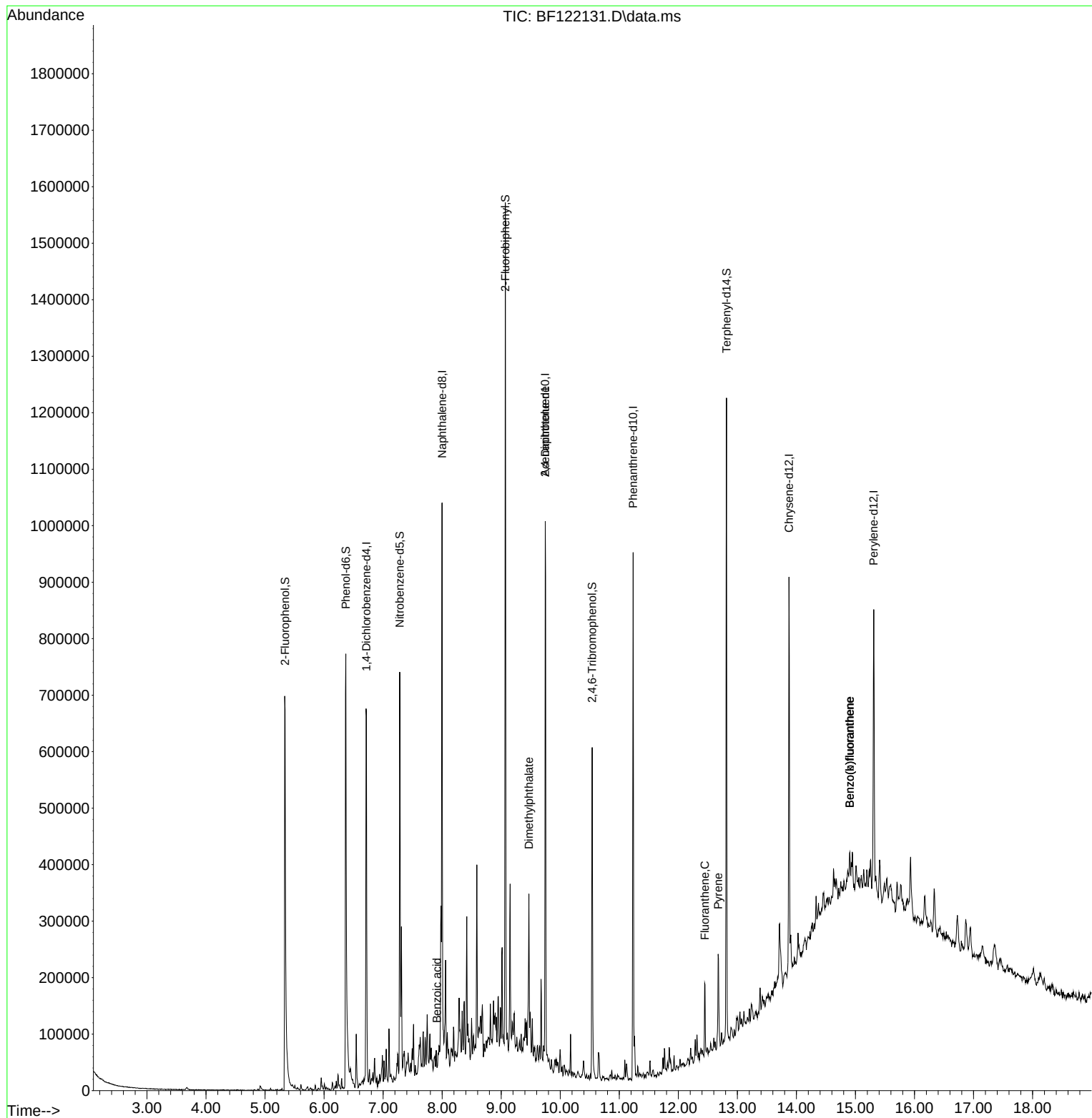
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	104793	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	396294	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	189061	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	305848	20.00	ng	0.00
76) Chrysene-d12	13.874	240	229523	20.00	ng	0.00
86) Perylene-d12	15.309	264	207549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	283764	39.97	ng	0.00
7) Phenol-d6	6.369	99	357652	39.13	ng	0.00
23) Nitrobenzene-d5	7.281	82	233696	30.24	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	69374	29.66	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	412275	32.08	ng	0.00
79) Terphenyl-d14	12.815	244	320746	26.63	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	289	Below Cal	#	3
32) Benzoic acid	7.910	122	134	7.72	ng	# 74
50) Dimethylphthalate	9.469	163	40643	2.94	ng	99
57) 2,4-Dinitrotoluene	9.745	165	25464	6.82	ng	# 21
75) Fluoranthene	12.451	202	52933	2.94	ng	94
78) Pyrene	12.674	202	62615	3.58	ng	98
88) Benzo(b)fluoranthene	14.904	252	37142	2.65	ng	# 63
89) Benzo(k)fluoranthene	14.904	252	37142	2.79	ng	# 61

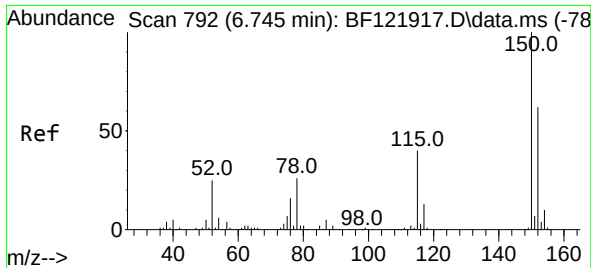
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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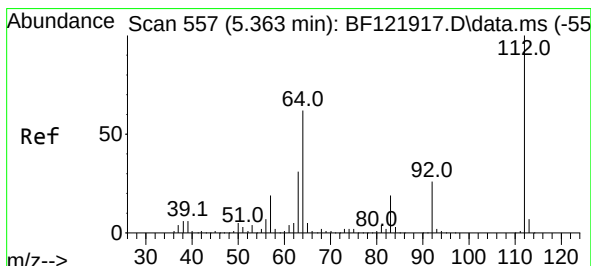
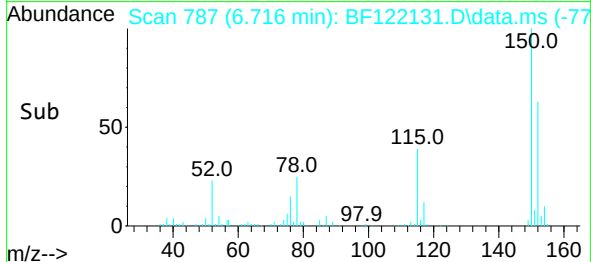
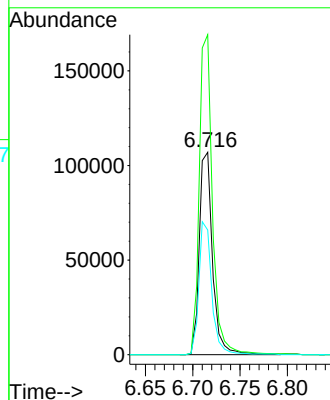
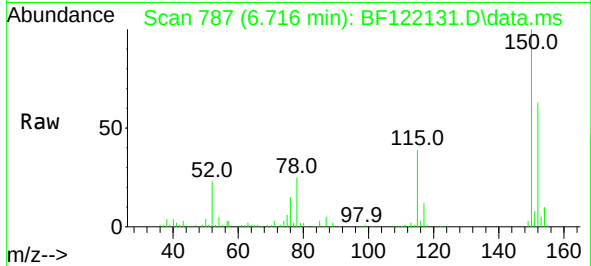




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

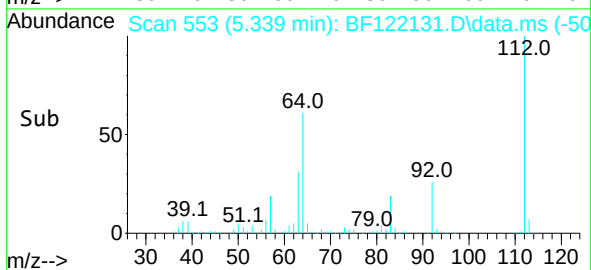
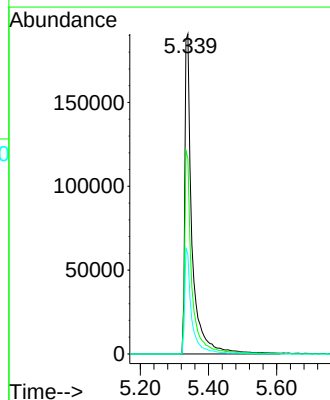
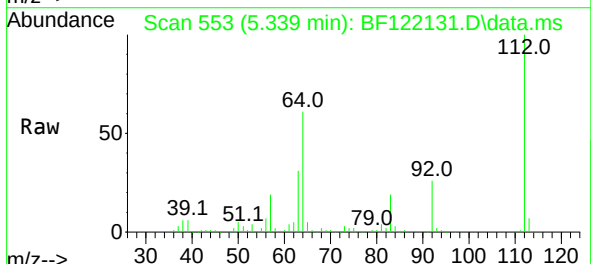
Instrument :
BNA_F
ClientSampleId :
CL-01-102320

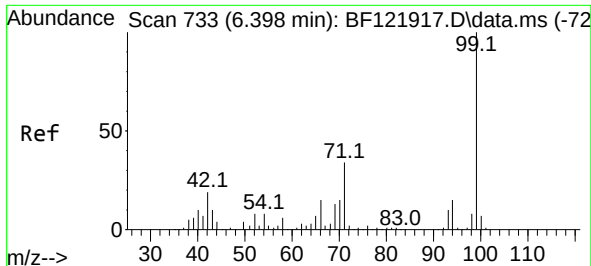
Tgt Ion:152 Resp: 104793
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 39.97 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

Tgt Ion:112 Resp: 283764
Ion Ratio Lower Upper
112 100
64 61.0 50.4 75.6
63 31.1 25.8 38.6

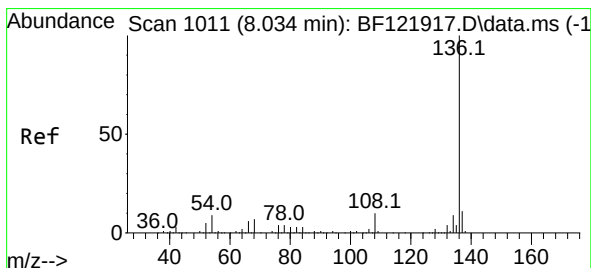
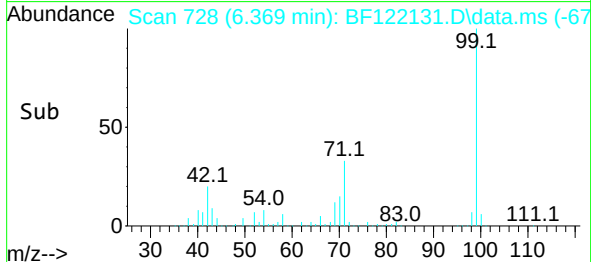
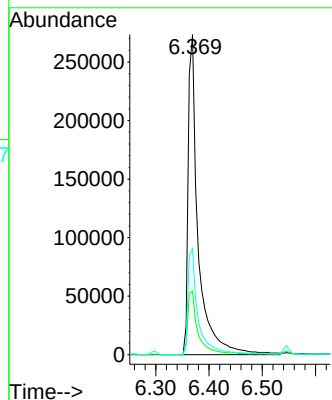
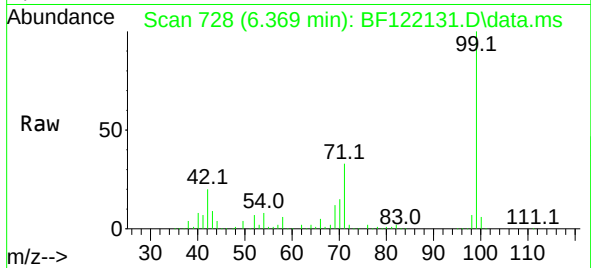




#7
Phenol-d6
Concen: 39.13 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

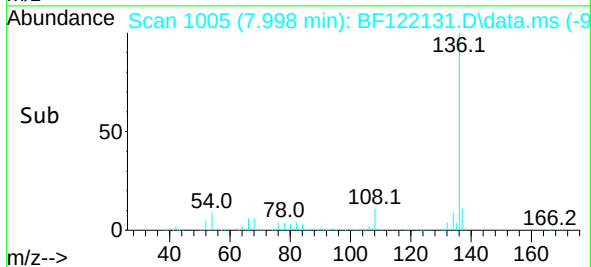
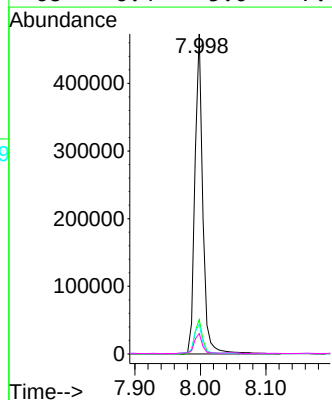
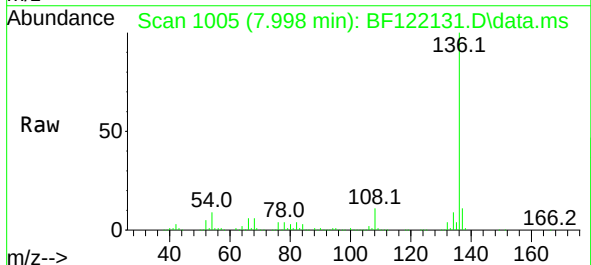
Instrument :
BNA_F
ClientSampleId :
CL-01-102320

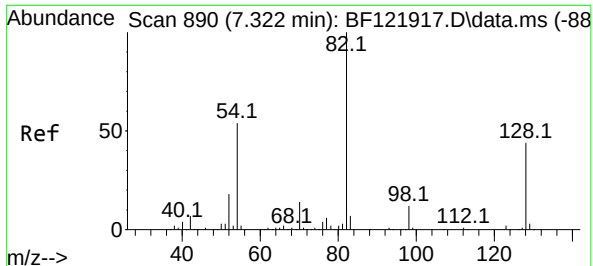
Tgt Ion: 99 Resp: 357652
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 33.2 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

Tgt Ion: 136 Resp: 396294
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.1 10.7
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 30.24 ng

RT: 7.281 min Scan# 883

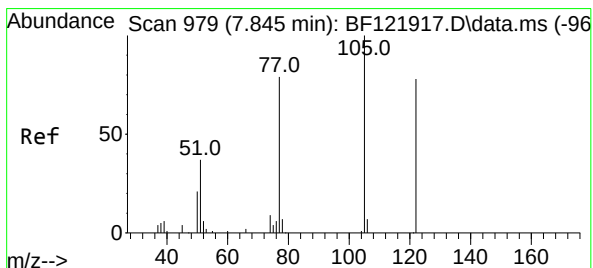
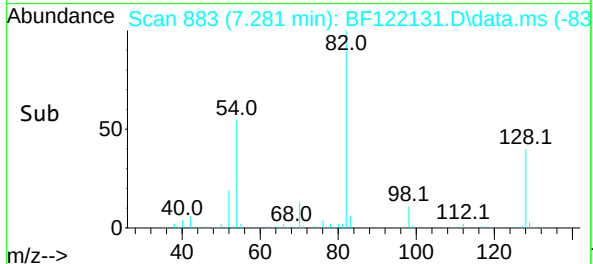
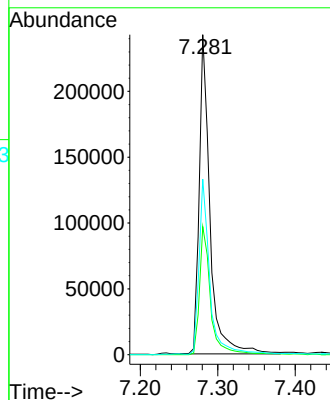
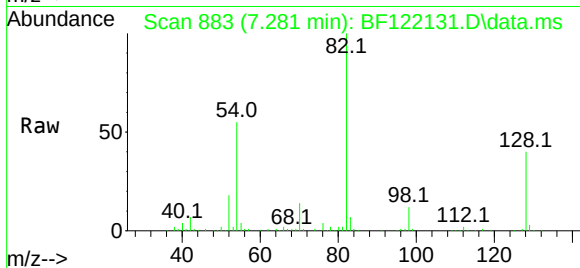
Delta R.T. -0.006 min

Lab File: BF122131.D

Acq: 26 Oct 2020 23:15

Tgt Ion: 82 Resp: 233696

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.0	52.4
54	54.8	43.9	65.9



#32

Benzoic acid

Concen: 7.72 ng

RT: 7.910 min Scan# 990

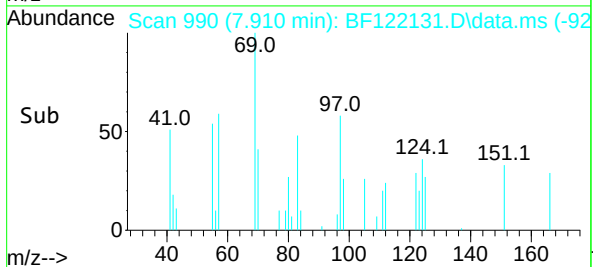
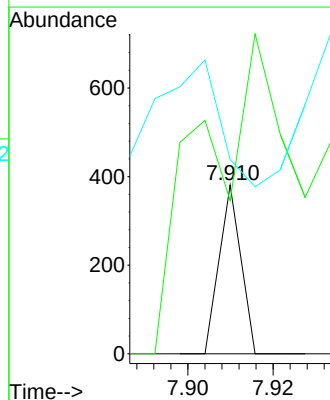
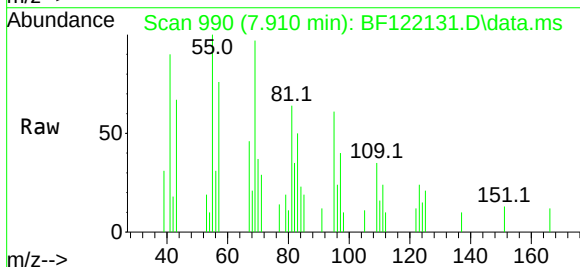
Delta R.T. 0.082 min

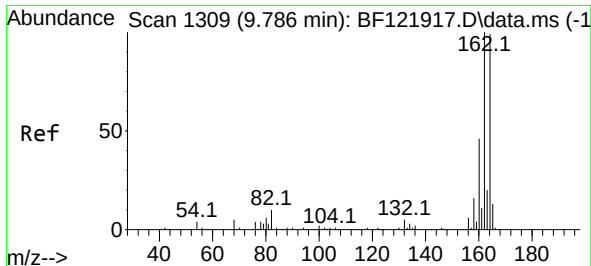
Lab File: BF122131.D

Acq: 26 Oct 2020 23:15

Tgt Ion: 122 Resp: 134

Ion	Ratio	Lower	Upper
122	100		
105	90.8	103.3	143.3#
77	115.2	73.9	113.9#

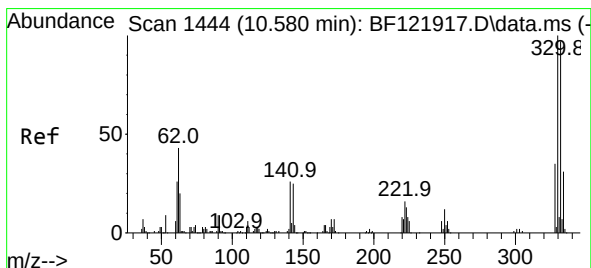
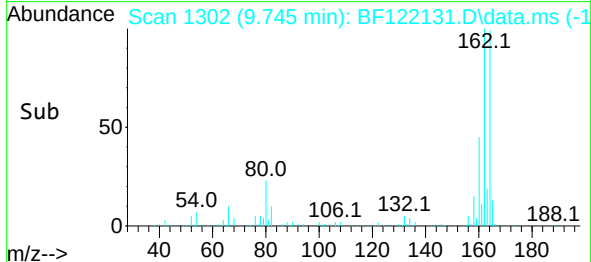
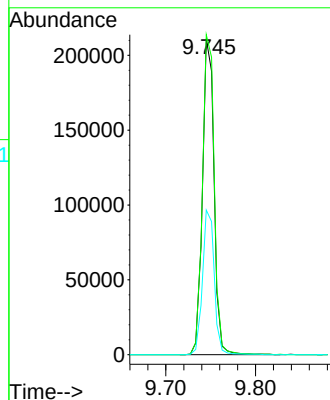
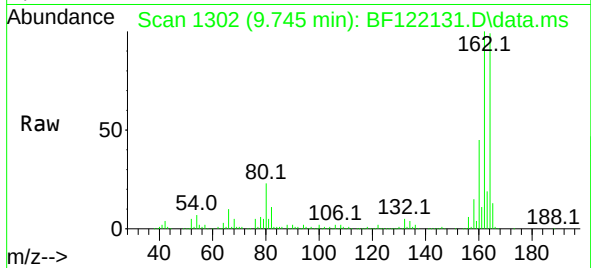




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

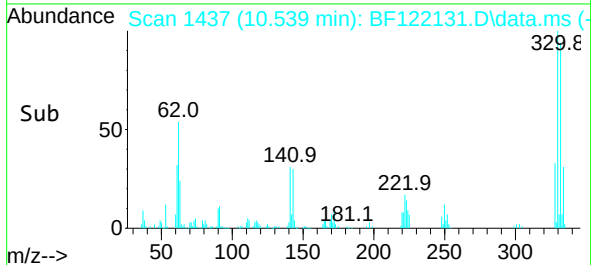
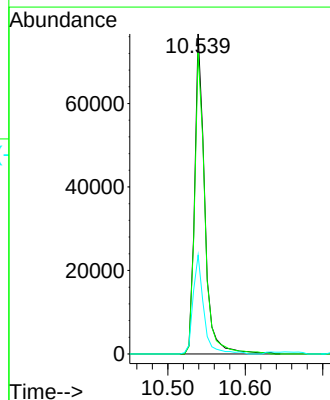
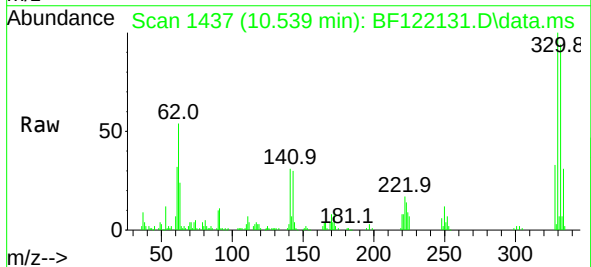
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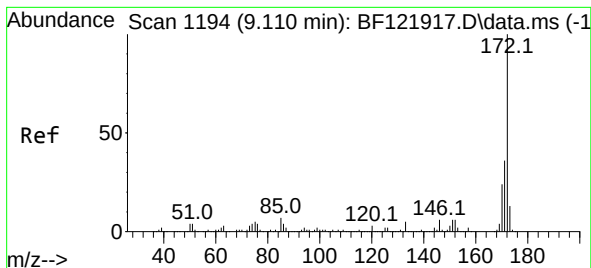
Tgt Ion:164	Resp:	189061
Ion Ratio	Lower	Upper
164	100	
162	101.3	83.2 124.8
160	45.8	37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 29.66 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

Tgt Ion:330	Resp:	69374
Ion Ratio	Lower	Upper
330	100	
332	96.1	77.3 115.9
141	32.7	22.3 33.5

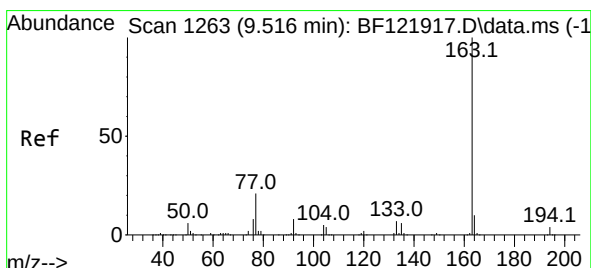
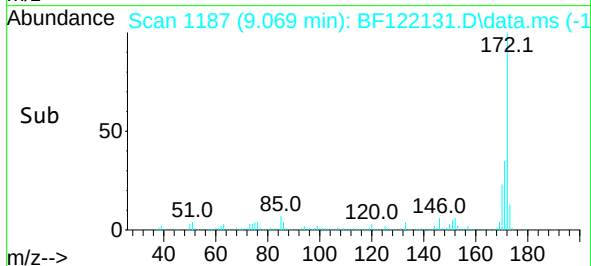
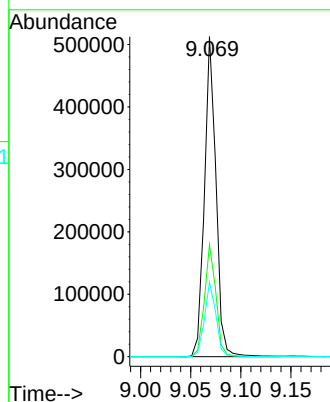
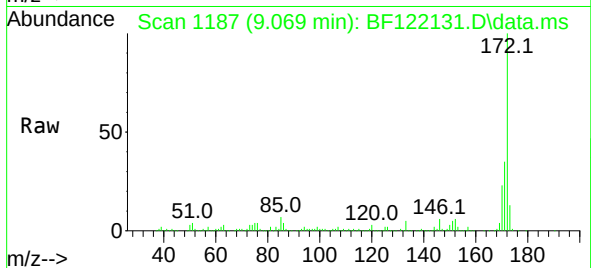




#45
2-Fluorobiphenyl
Concen: 32.08 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

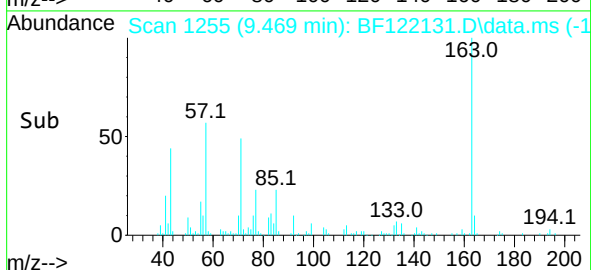
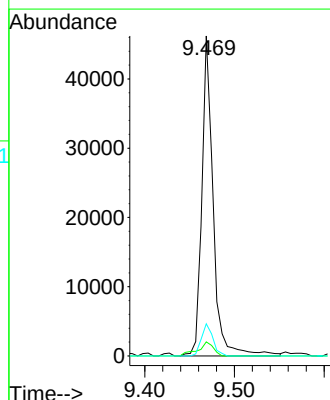
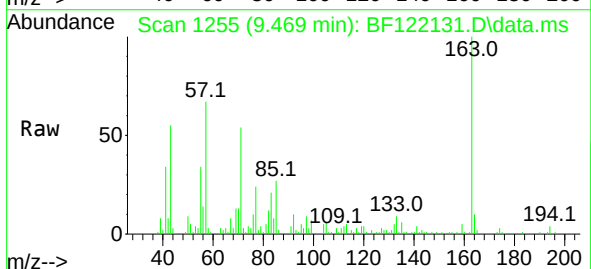
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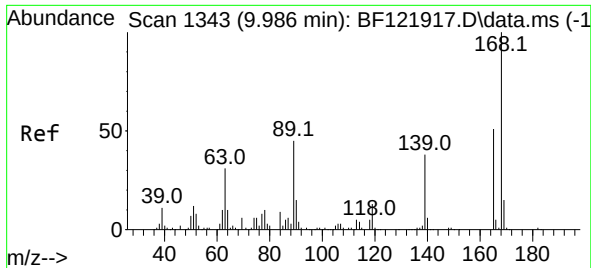
Tgt Ion:172 Resp: 412275
Ion Ratio Lower Upper
172 100
171 35.1 29.1 43.7
170 23.3 19.8 29.6



#50
Dimethylphthalate
Concen: 2.94 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

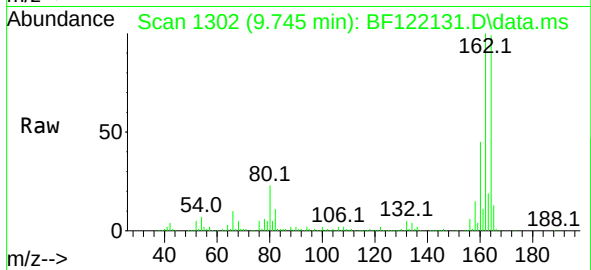
Tgt Ion:163 Resp: 40643
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 8.2 12.4



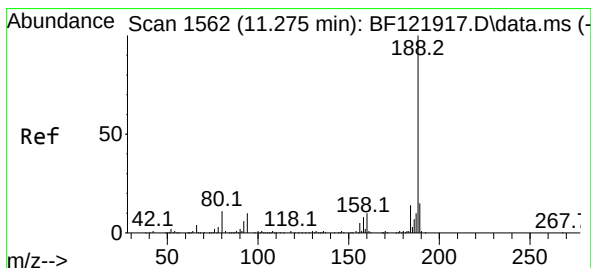
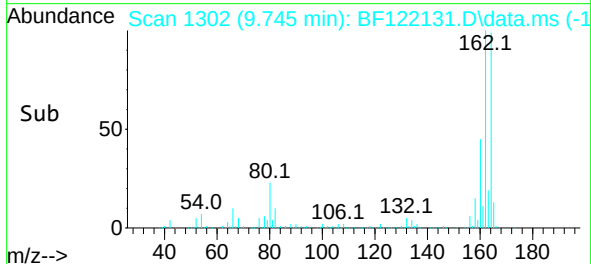
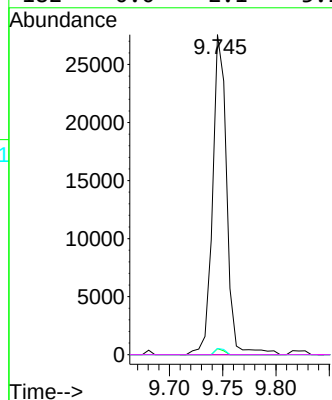


#57
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

Instrument :
BNA_F
ClientSampleId :
CL-01-102320

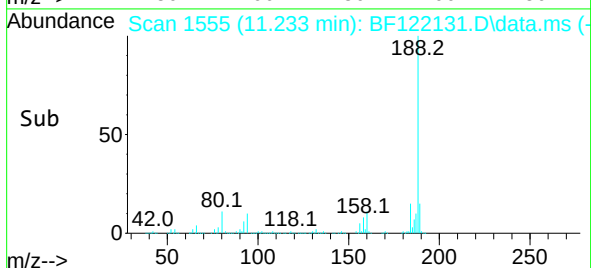
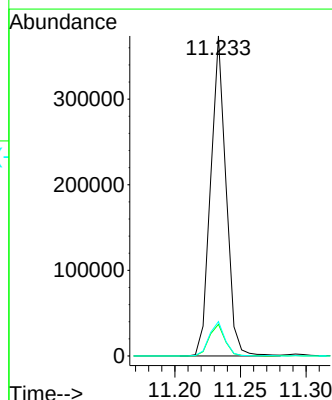
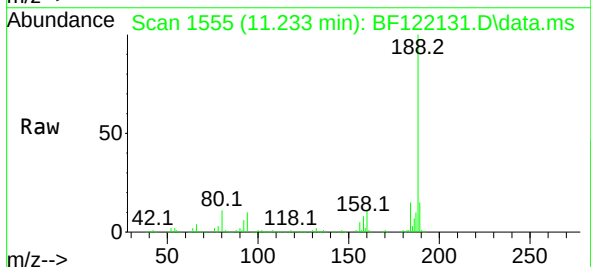


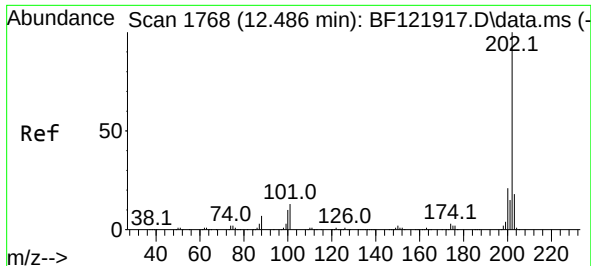
Tgt Ion:165 Resp: 25464
Ion Ratio Lower Upper
165 100
63 1.9 41.3 61.9#
89 1.9 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

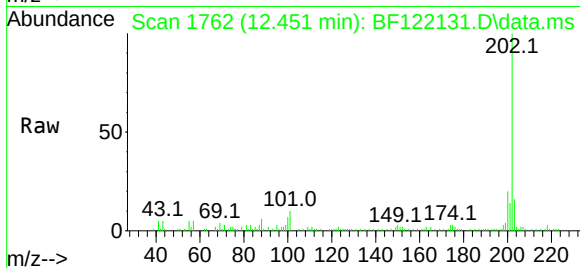
Tgt Ion:188 Resp: 305848
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.8 9.1 13.7



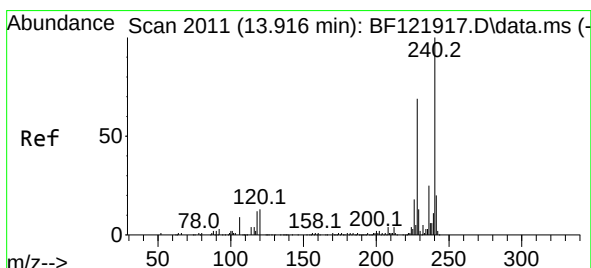
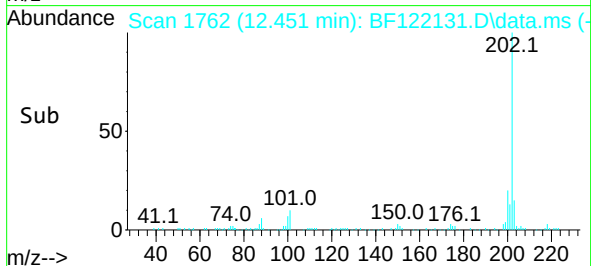
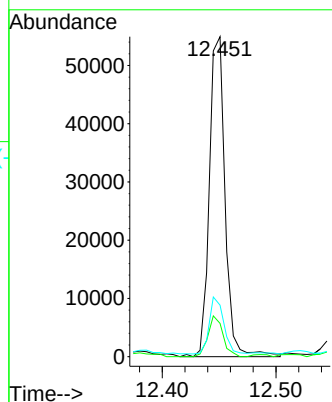


#75
Fluoranthene
Concen: 2.94 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

Instrument :
BNA_F
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CL-01-102320

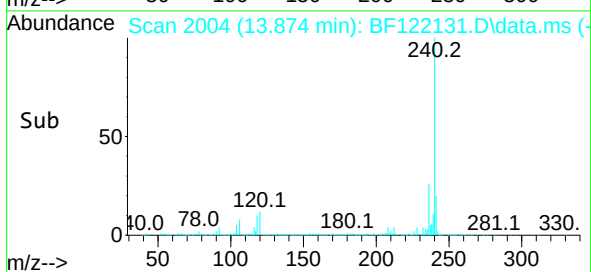
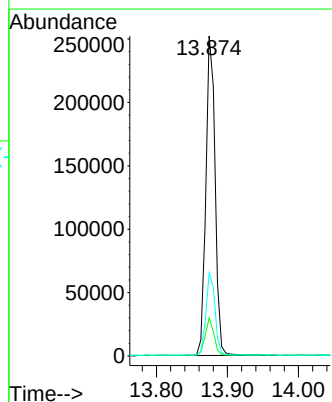
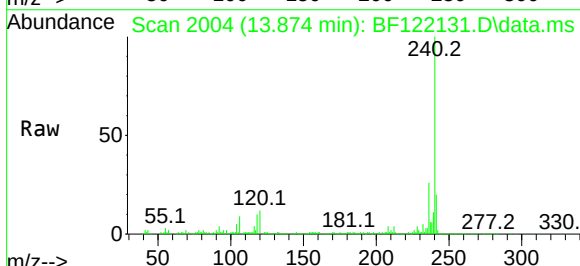


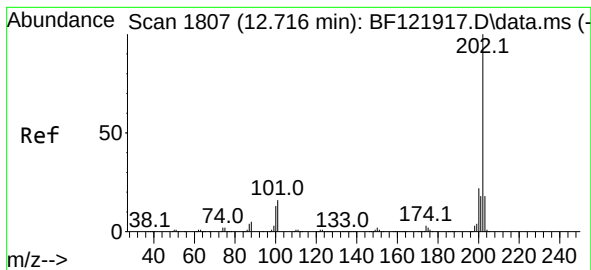
Tgt Ion:202 Resp: 52933
Ion Ratio Lower Upper
202 100
101 10.4 0.0 33.4
203 16.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122131.D
Acq: 26 Oct 2020 23:15

Tgt Ion:240 Resp: 229523
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.9 20.9 31.3





#78

Pyrene

Concen: 3.58 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF122131.D

Acq: 26 Oct 2020 23:15

Tgt Ion:202 Resp: 62615

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

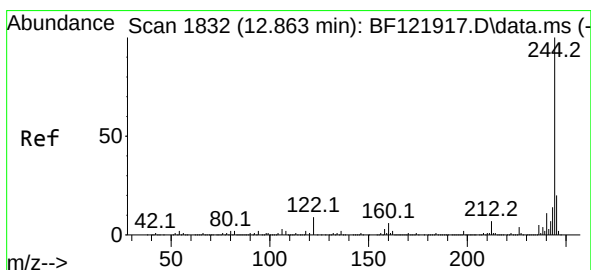
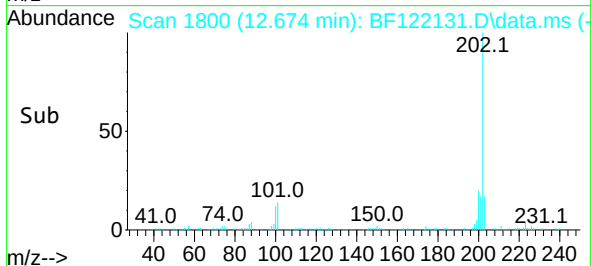
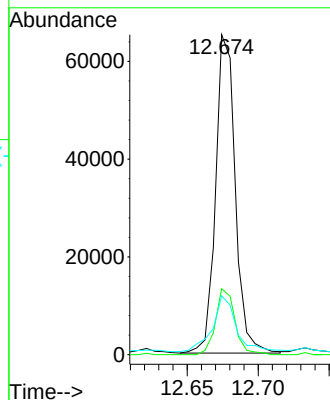
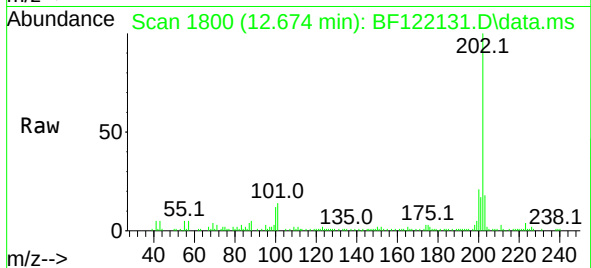
203 18.4 14.6 21.8

Instrument :

BNA_F

ClientSampleId :

CL-01-102320



#79

Terphenyl-d14

Concen: 26.63 ng

RT: 12.815 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF122131.D

Acq: 26 Oct 2020 23:15

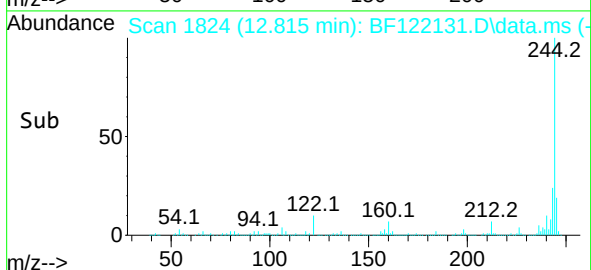
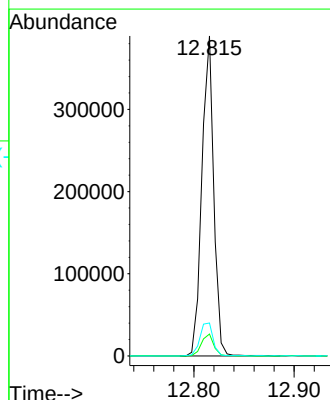
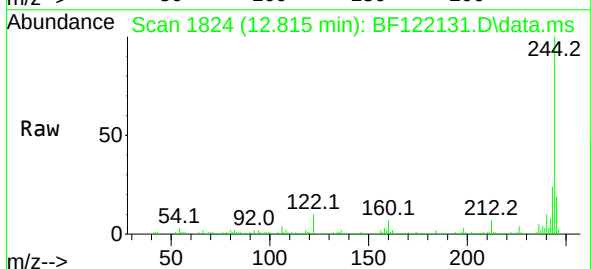
Tgt Ion:244 Resp: 320746

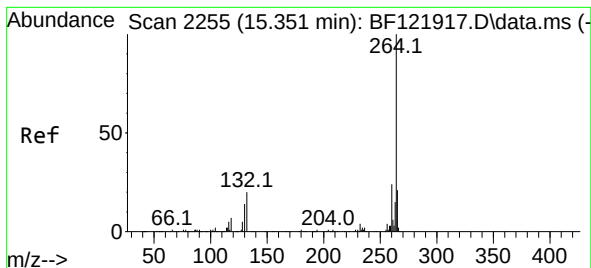
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.3 8.1 12.1





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.309 min Scan# 2248

Delta R.T. 0.006 min

Lab File: BF122131.D

Acq: 26 Oct 2020 23:15

Tgt Ion:264 Resp: 207549

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

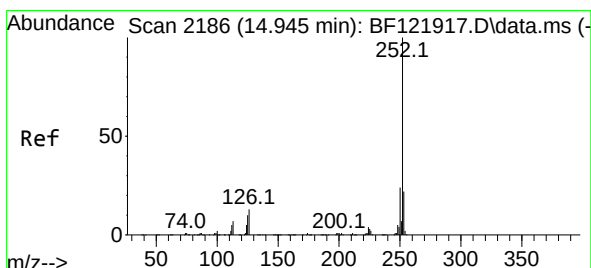
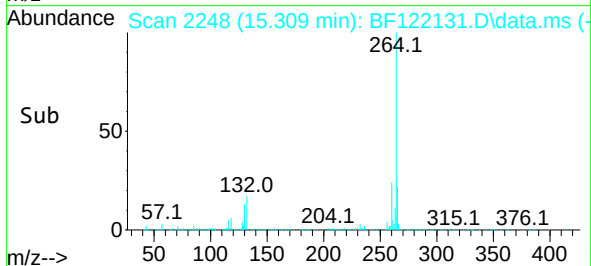
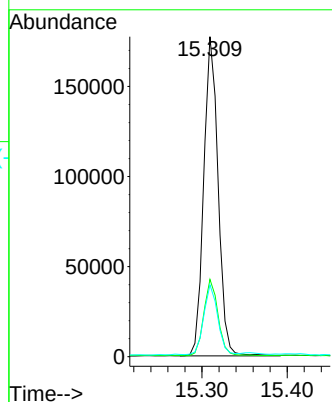
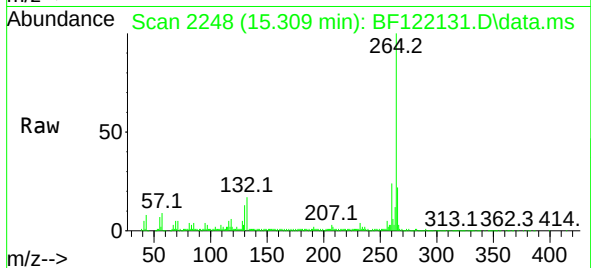
265 22.4 17.3 25.9

Instrument :

BNA_F

ClientSampleId :

CL-01-102320



#88

Benzo(b)fluoranthene

Concen: 2.65 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.006 min

Lab File: BF122131.D

Acq: 26 Oct 2020 23:15

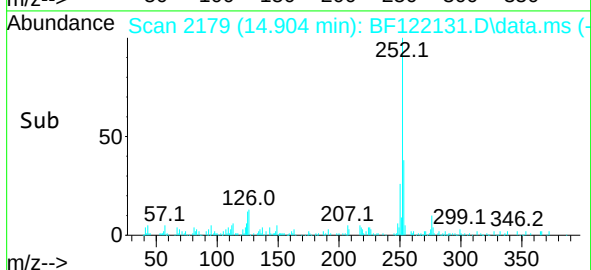
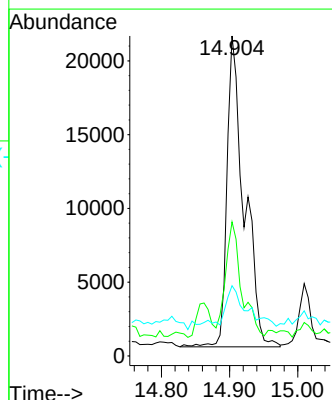
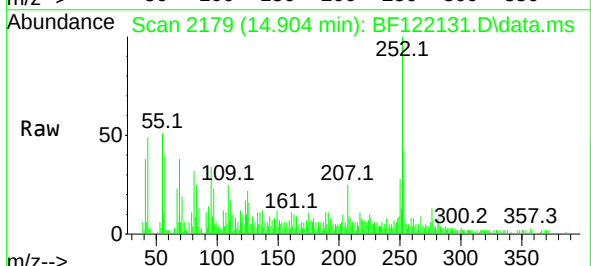
Tgt Ion:252 Resp: 37142

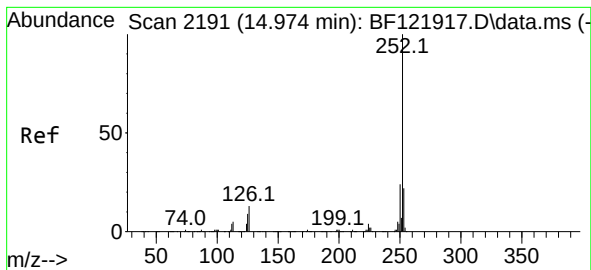
Ion Ratio Lower Upper

252 100

253 41.9 18.2 27.2#

125 21.9 8.0 12.0#





#89

Benzo(k)fluoranthene

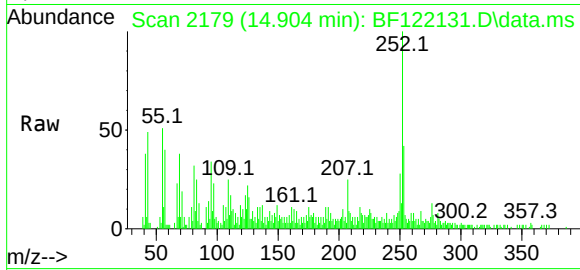
Concen: 2.79 ng

RT: 14.904 min Scan# 2179

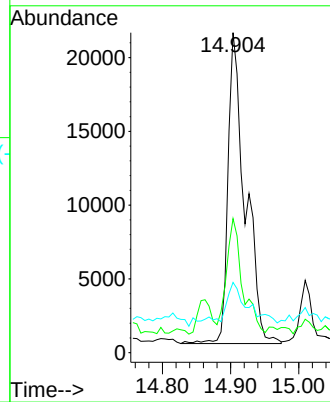
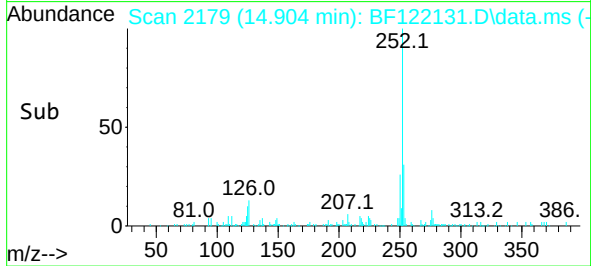
Delta R.T. -0.024 min

Lab File: BF122131.D

Acq: 26 Oct 2020 23:15



Tgt Ion:	252	Resp:	37142
Ion Ratio	Lower	Upper	
252	100		
253	41.9	17.8	26.6#
125	21.9	7.7	11.5#



Instrument :

BNA_F

ClientSampleId :

CL-01-102320