

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121084.D
 Acq On : 28 Jul 2020 22:56
 Operator : JU/CG
 Sample : L3439-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200440-3001C

Manual Integrations
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 7/29/2020 11:47:43 AM

Quant Time: Jul 29 06:33:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153592	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	589033	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	315868	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	641422	20.00	ng	0.00
76) Chrysene-d12	13.97	240	624707	20.00	ng	0.00
86) Perylene-d12	15.42	264	631469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	861777	91.98	ng	0.01
7) Phenol-d6	6.45	99	941105	77.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	703334	69.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	402194	116.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1424910	67.35	ng	0.00
79) Terphenyl-d14	12.92	244	1628817	56.68	ng	0.00
Target Compounds						
10) Phenol	6.46	94	61562	4.624	ng	99
32) Benzoic acid	7.84	122	15508m	2.442	ng	
50) Dimethylphthalate	9.56	163	133396	5.854	ng	100

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

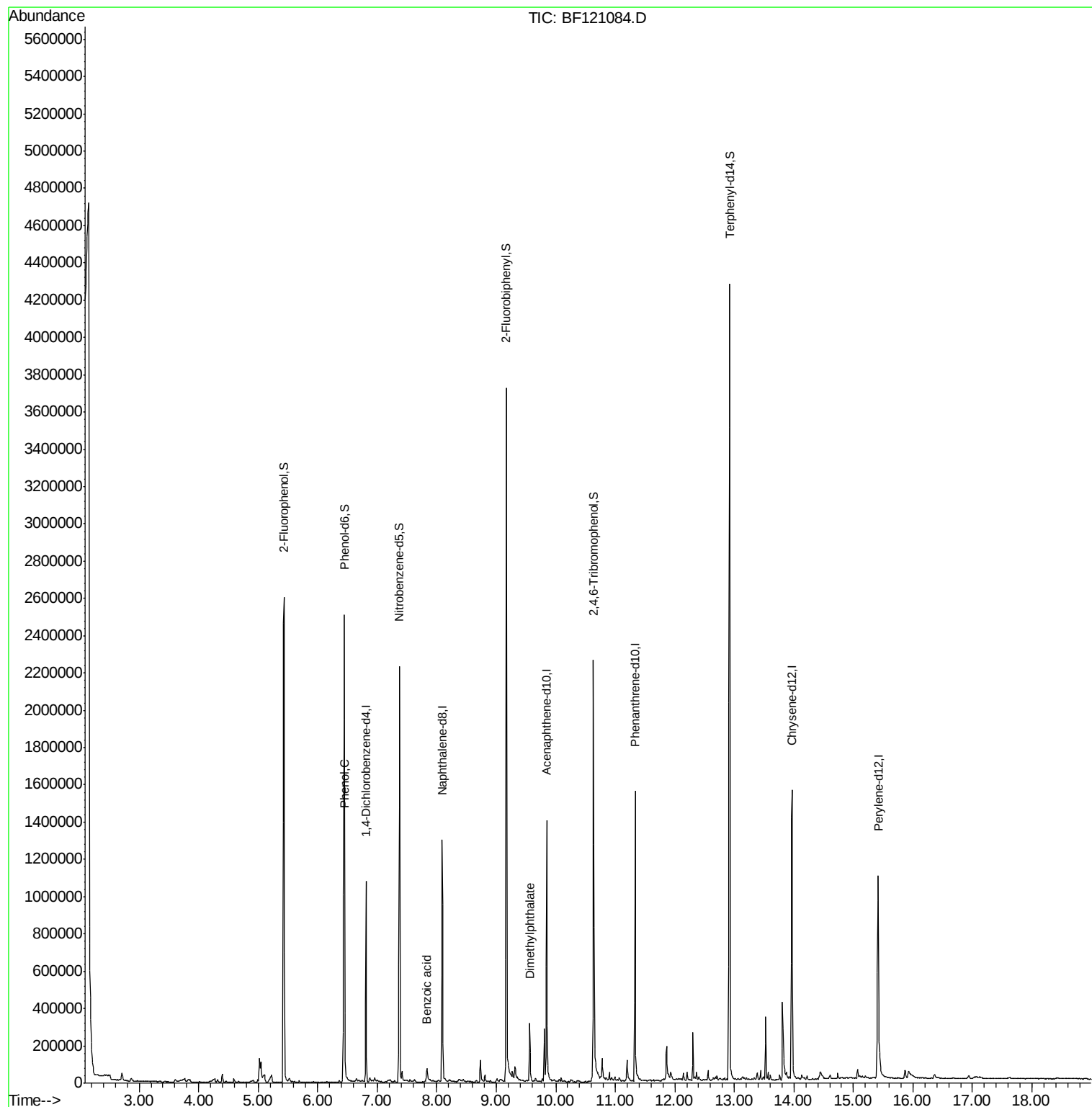
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121084.D
Acq On : 28 Jul 2020 22:56
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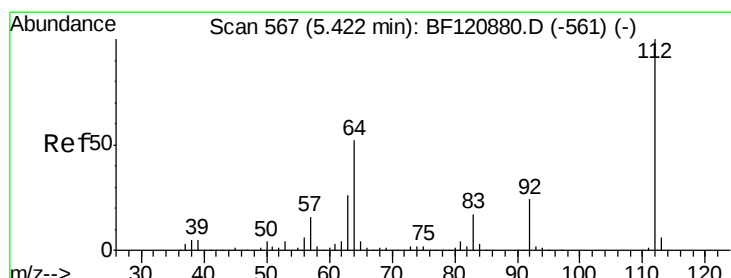
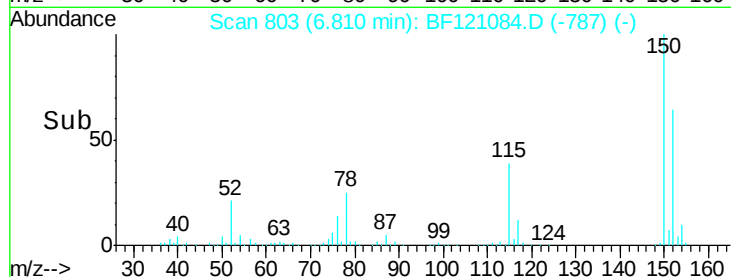
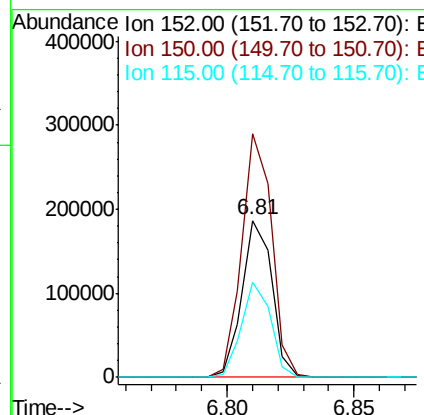
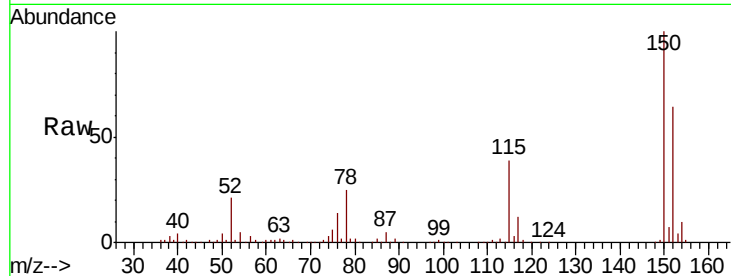
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 20200440-3001C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.0	187.6
115	60.9	47.0	70.4

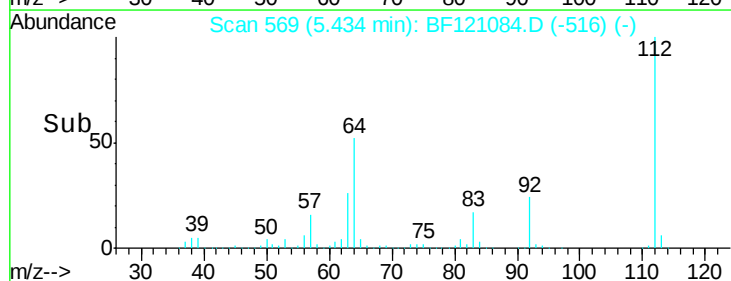
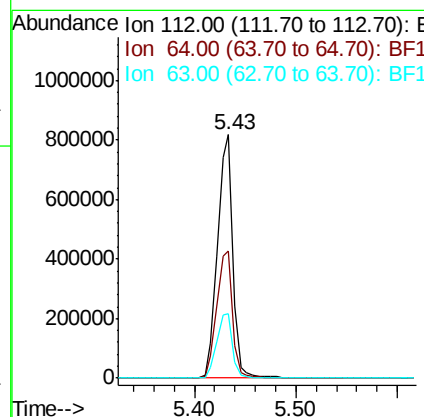
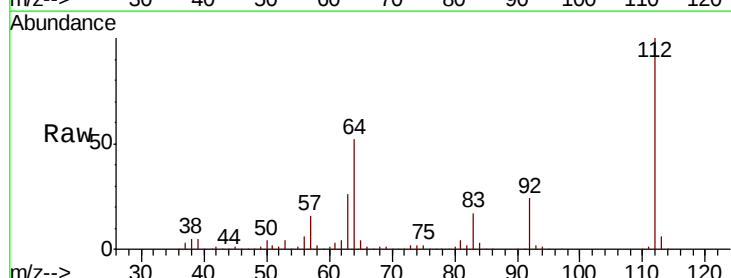
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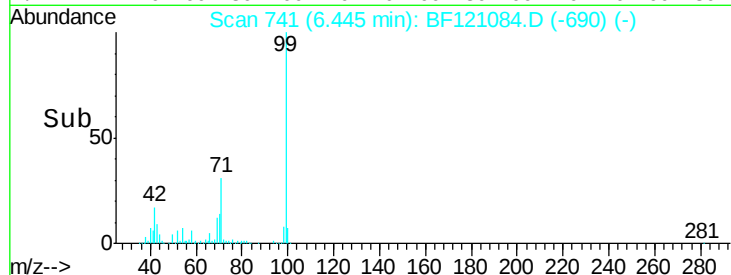
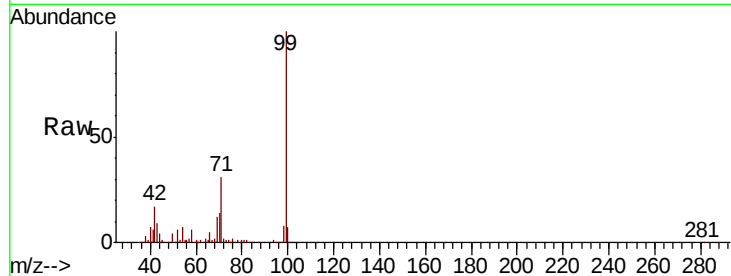
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#5
 2-Fluorophenol
 Concen: 91.981 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.3	61.9
63	26.3	21.1	31.7





#7

Phenol-d6

Concen: 77.762 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Tot Ion:	99	Resp:	941105
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.1	19.7
71	30.9	24.2	36.4

Instrument :

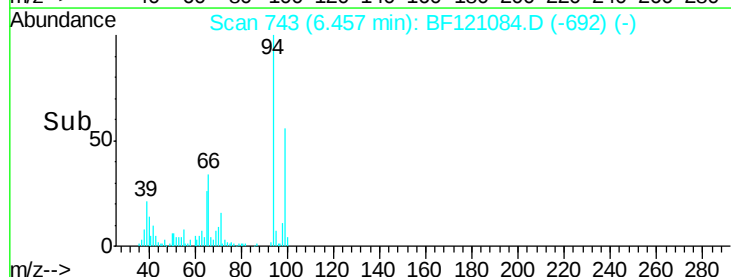
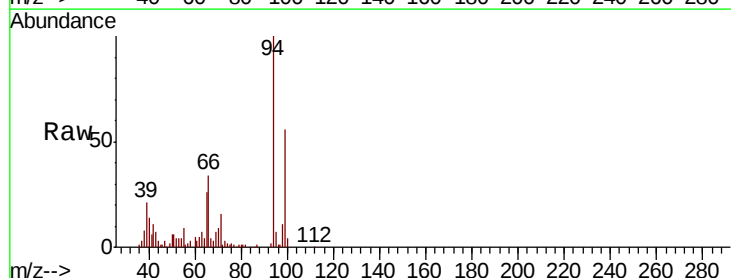
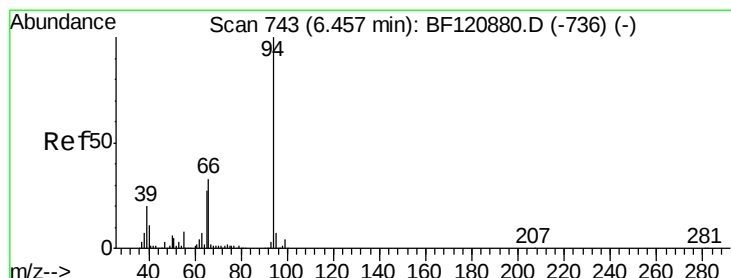
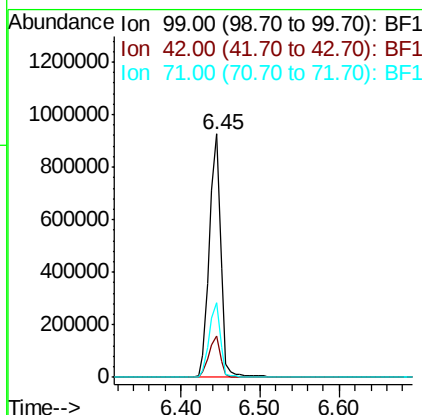
BNA_F

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#10

Phenol

Concen: 4.624 ng

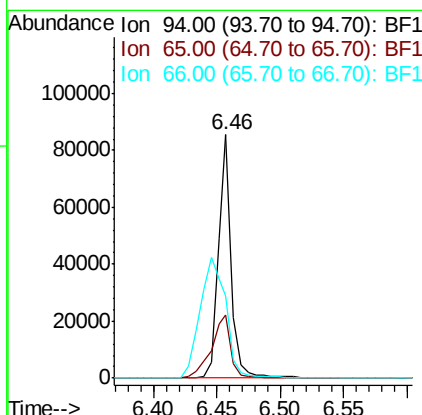
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Tgt Ion:	94	Resp:	61562
Ion Ratio	Lower	Upper	
94	100		
65	25.7	6.6	46.6
66	33.6	13.2	53.2





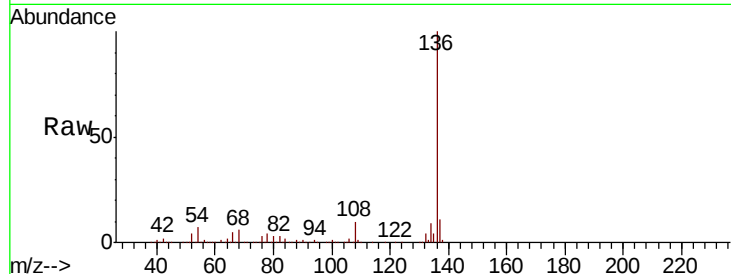
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Instrument :
BNA_F
ClientSampleId :
20200440-3001C

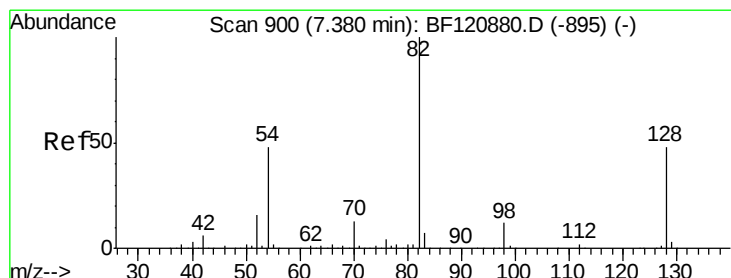
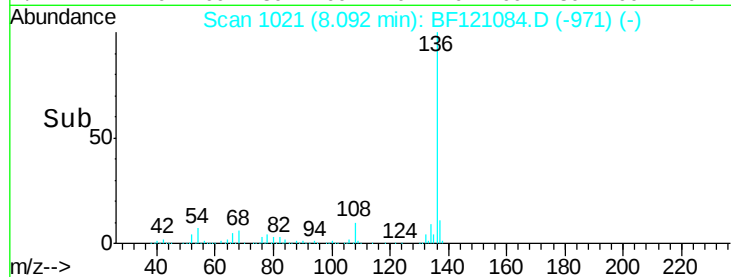
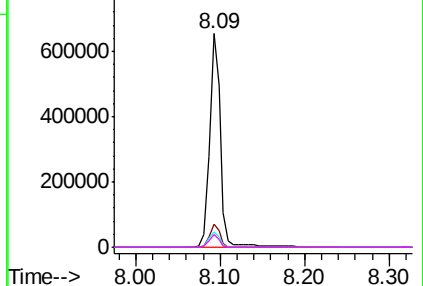
Tot Ion	Ratio	Resp	Lower	Upper
136	100	589033		
137	11.1	9.3	13.9	
54	7.4	6.3	9.5	
68	6.1	5.0	7.4	

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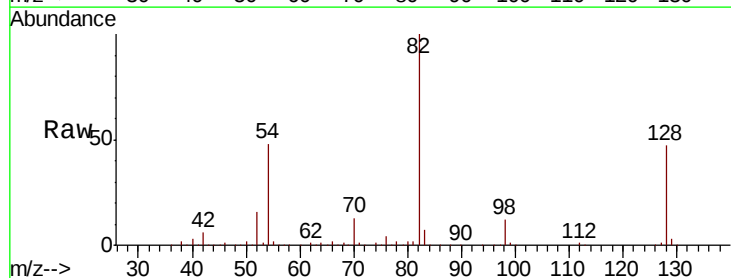


Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000 Ion 68.00 (67.70 to 68.70): BF1
400000
200000
0

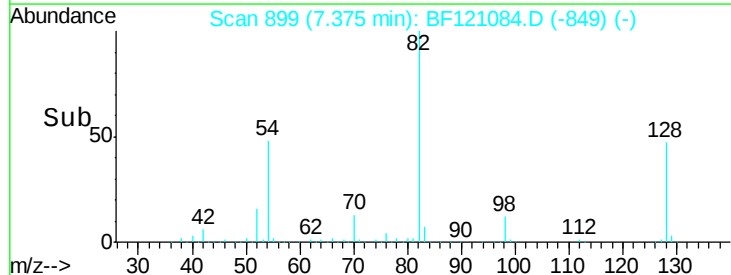
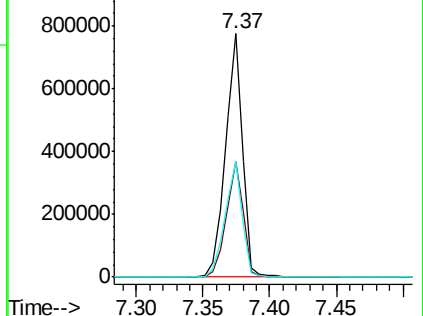


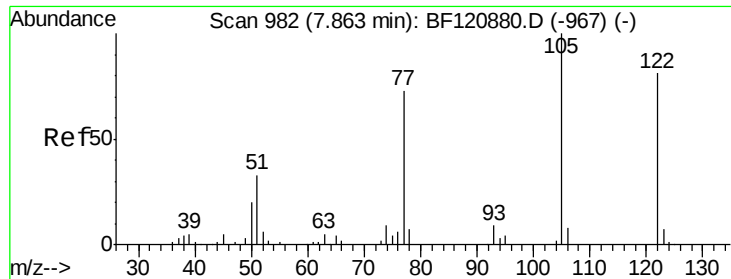
#23
Nitrobenzene-d5
Concen: 69.091 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	703334		
128	47.3	38.2	57.4	
54	47.7	38.7	58.1	



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000 Ion 128.00 (127.70 to 128.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000
400000
200000
0





#32

Benzoic acid

Concen: 2.442 ng/mL

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Instrument :

BNA_F

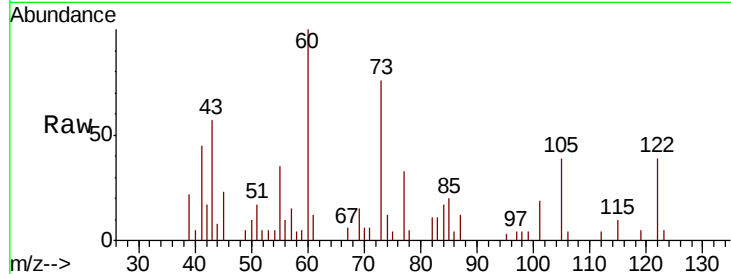
ClientSampleId :

20200440-3001C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		15508		
105	100.9	101.3	141.3#		
77	85.4	69.1	109.1		

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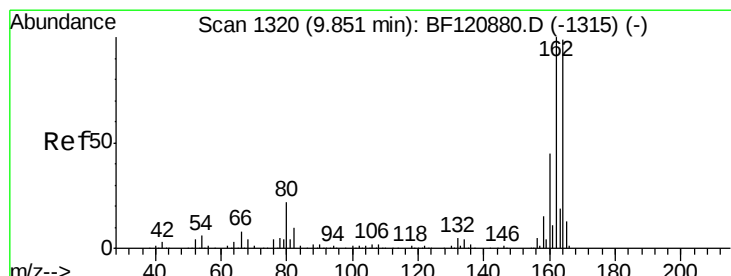
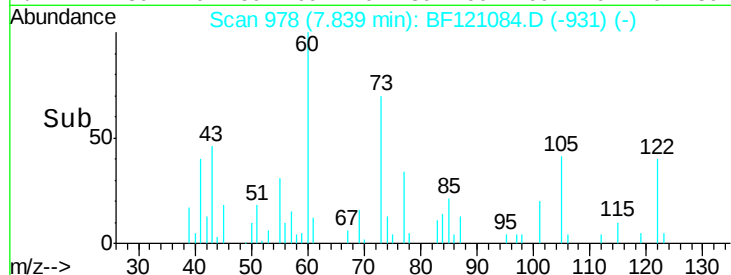
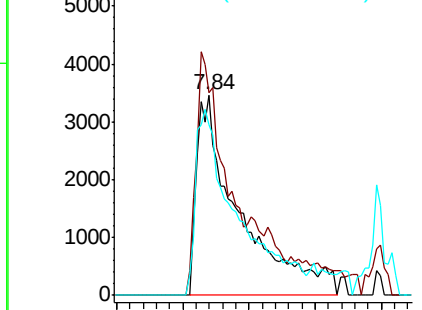


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

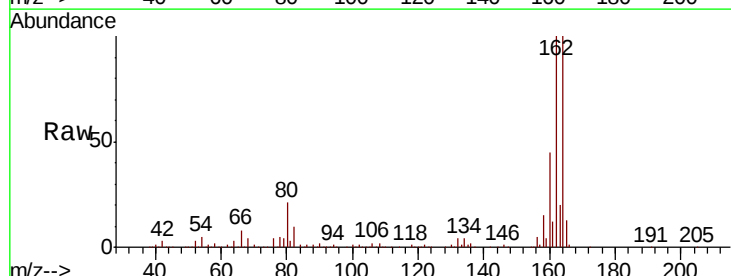
RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		315868		
162	99.7	81.2	121.8		
160	45.4	36.9	55.3		

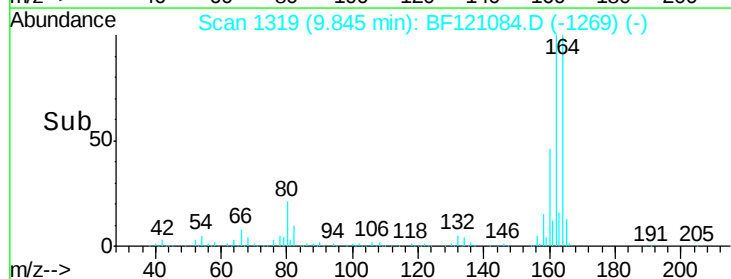
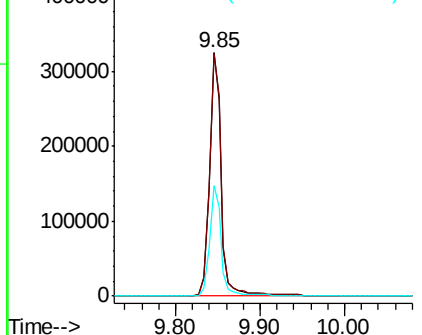


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





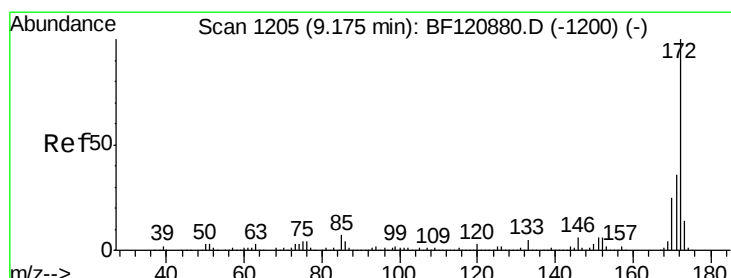
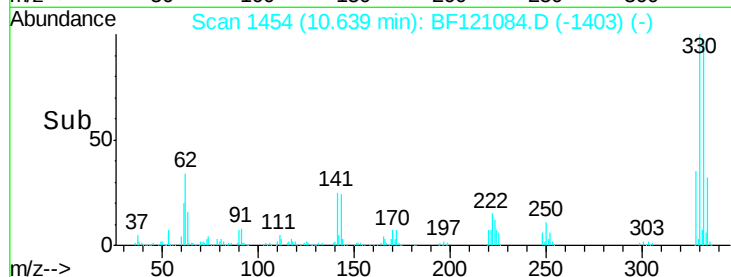
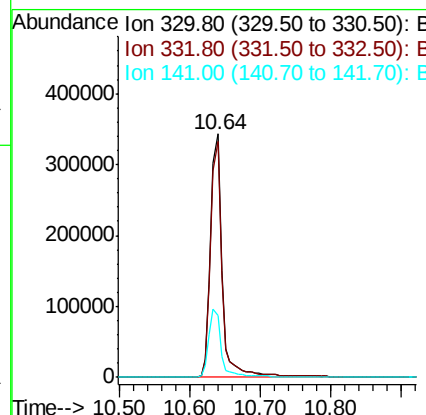
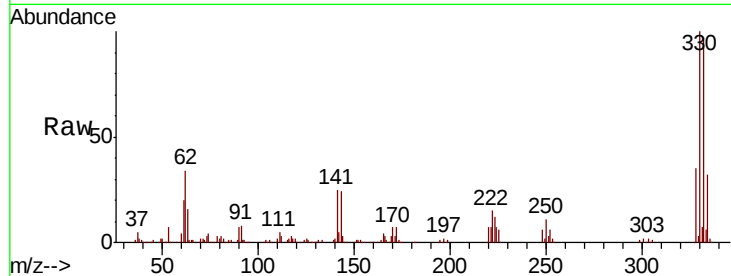
#42
 2,4,6-Tribromophenol
 Concen: 116.326 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :
 20200440-3001C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.5	113.3
141	30.0	25.7	38.5

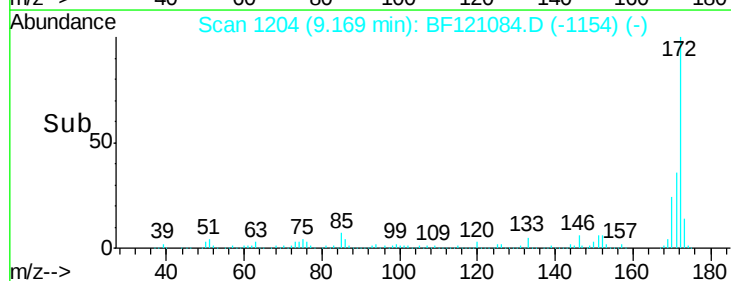
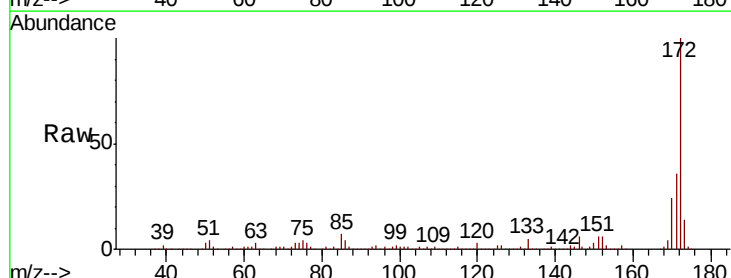
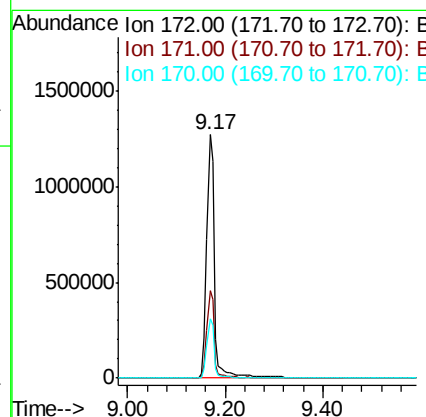
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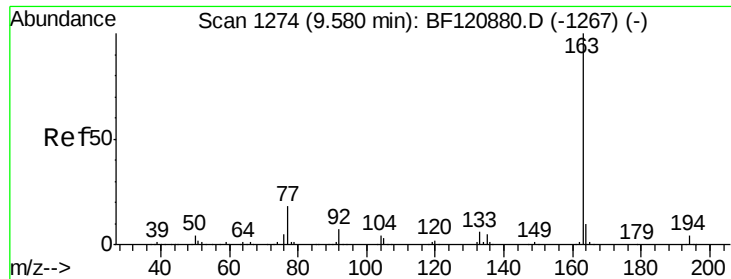
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#45
 2-Fluorobiphenyl
 Concen: 67.353 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121084.D
 Acq: 28 Jul 2020 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.4	19.6	29.4





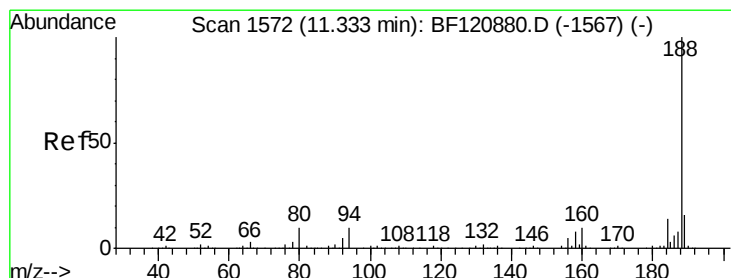
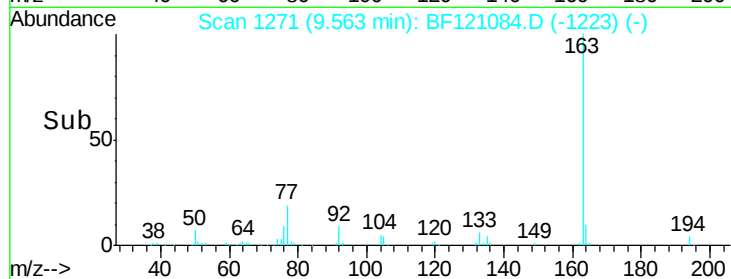
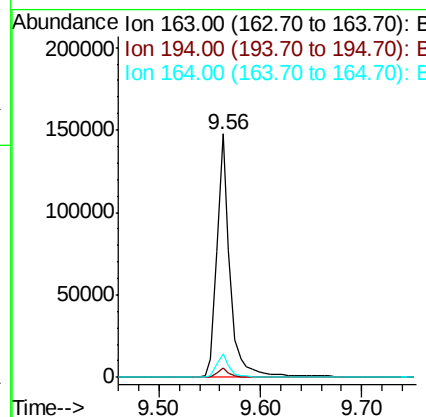
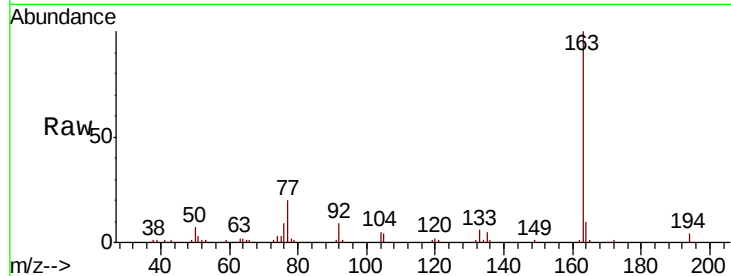
#50
Dimethylphthalate
Concen: 5.854 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Instrument :
BNA_F
ClientSampleId :
20200440-3001C

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	3.2	4.8	
164	9.7	7.9	11.9	

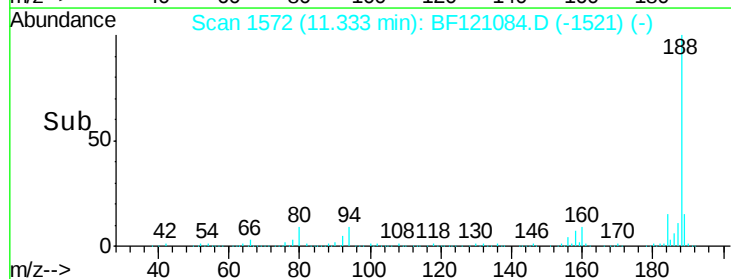
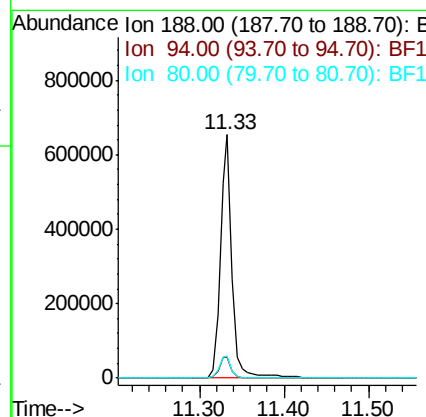
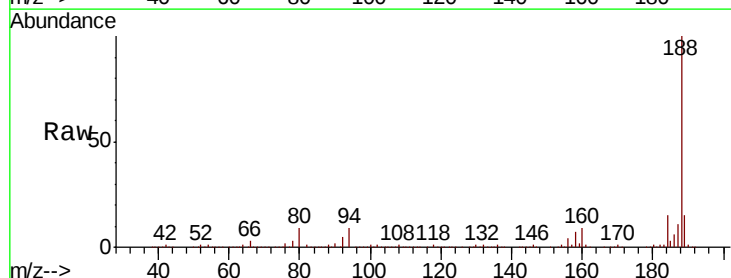
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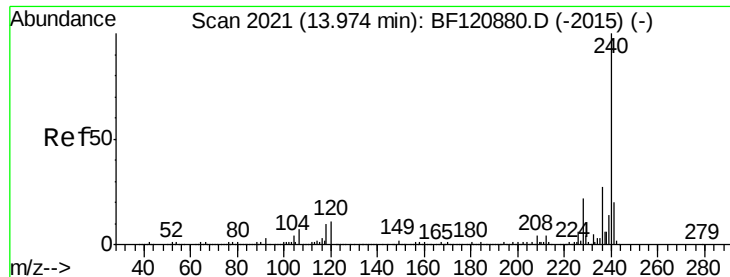
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	8.0	12.0	
80	9.3	8.3	12.5	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121084.D

Acq: 28 Jul 2020 22:56

Instrument :

BNA_F

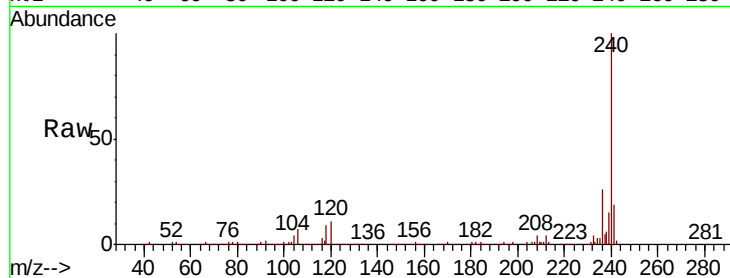
ClientSampleId :

20200440-3001C

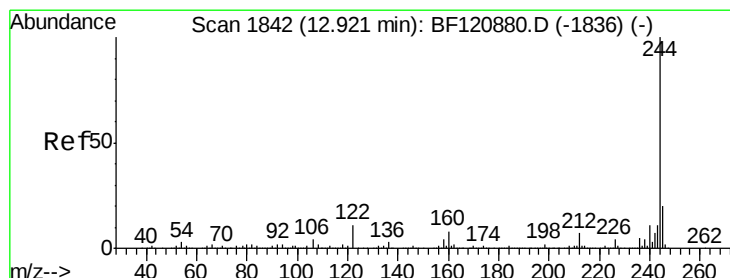
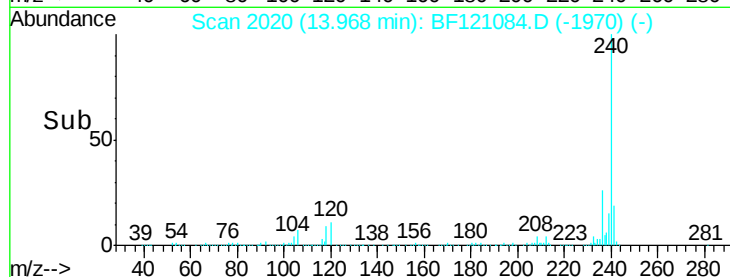
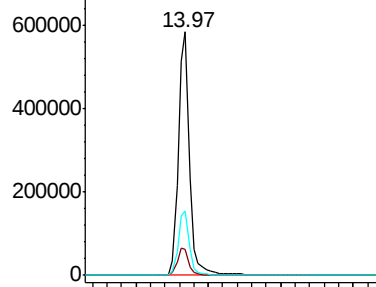
Tot Ion:	240	Resp:	624707
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.0	13.4
236	26.3	21.7	32.5

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Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 56.678 ng

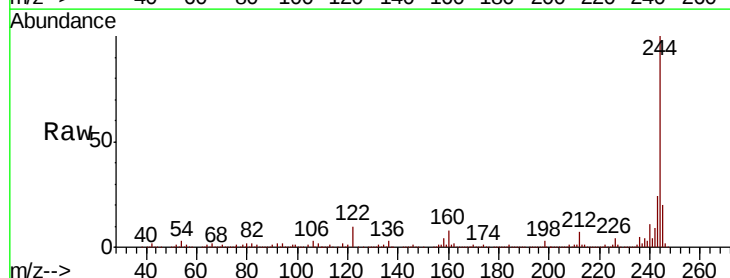
RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

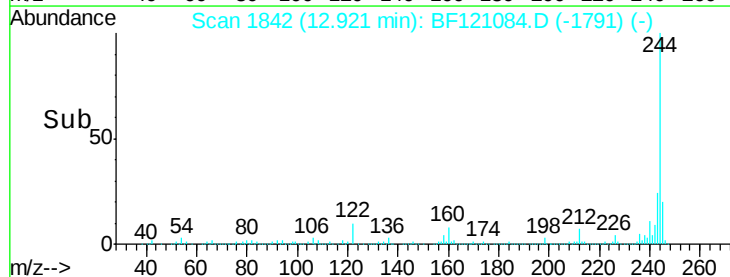
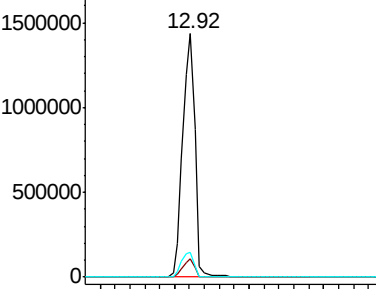
Lab File: BF121084.D

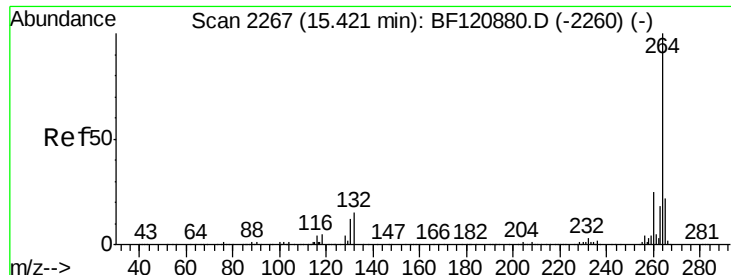
Acq: 28 Jul 2020 22:56

Tgt Ion:	244	Resp:	1628817
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.6	8.4
122	10.1	8.9	13.3



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121084.D
Acq: 28 Jul 2020 22:56

Instrument :
BNA_F
ClientSampleId :
20200440-3001C

Tot Ion:	264	Resp:	631469
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.0	30.0
265	21.6	17.4	26.2

Manual Integrations
APPROVED

mohammad
7/29/2020 11:47:43 AM

