

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121082.D
 Acq On : 28 Jul 2020 21:54
 Operator : JU/CG
 Sample : L3439-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200443-3002C

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:39 AM

Quant Time: Jul 29 06:33:01 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	156163	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	596936	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	319131	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	635977	20.00	ng	0.00
76) Chrysene-d12	13.97	240	630796	20.00	ng	0.00
86) Perylene-d12	15.42	264	648632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1212204	127.25	ng	0.02
7) Phenol-d6	6.45	99	1370267	111.36	ng	0.00
23) Nitrobenzene-d5	7.38	82	1008138	97.72	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	532225	152.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1807805	84.58	ng	0.00
79) Terphenyl-d14	12.92	244	2031324	70.00	ng	0.00
Target Compounds						
10) Phenol	6.46	94	75603	5.585	ng	96
32) Benzoic acid	7.83	122	22031m	3.423	ng	
50) Dimethylphthalate	9.56	163	168452	7.317	ng	99

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

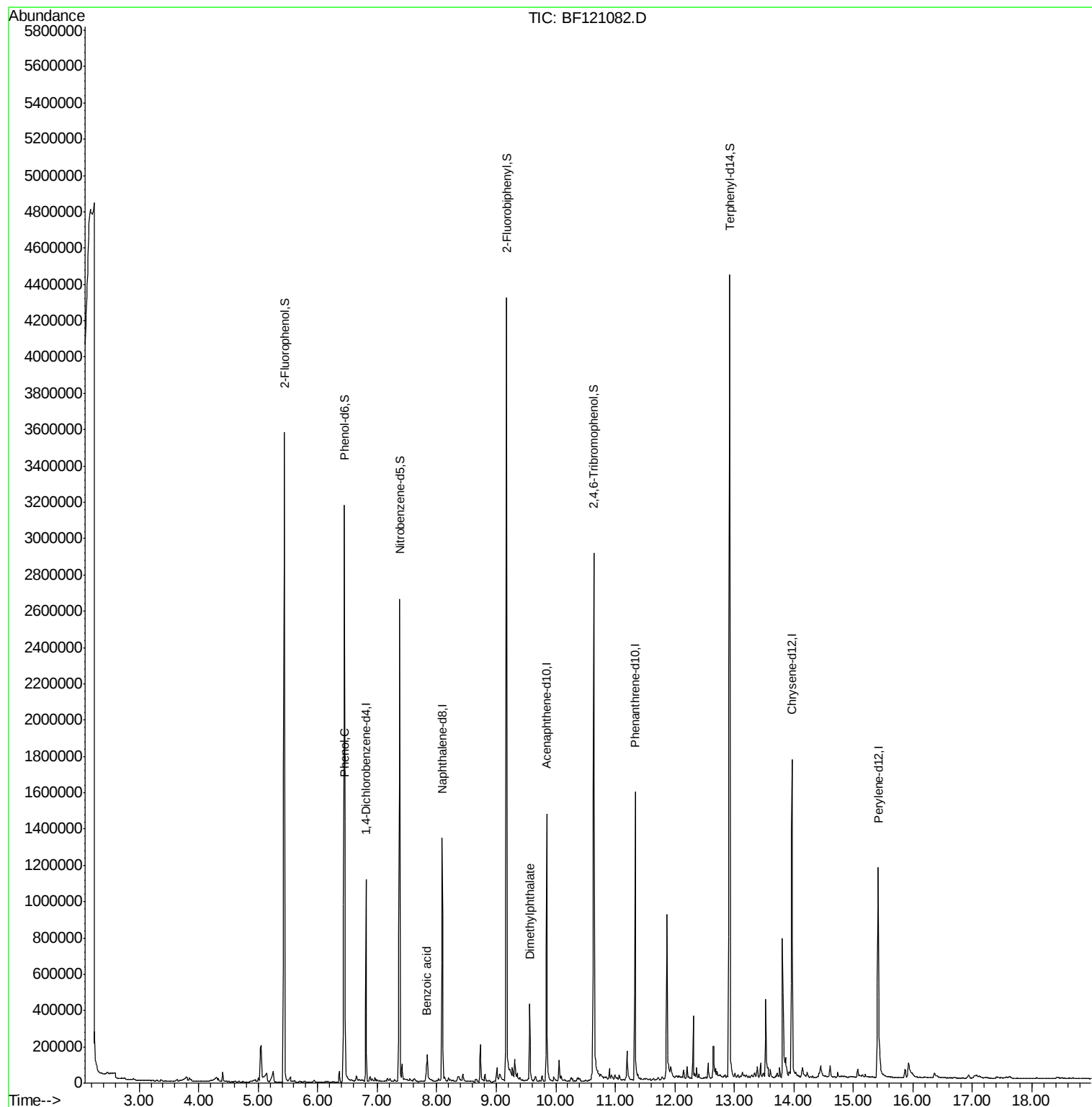
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121082.D
Acq On : 28 Jul 2020 21:54
Operator : JU/CG
Sample : L3439-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

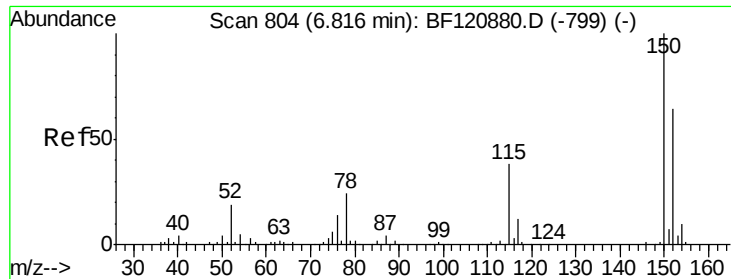
Instrument :
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#1

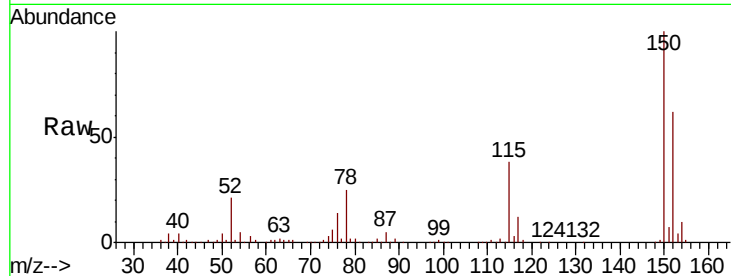
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.0	187.6
115	61.3	47.0	70.4

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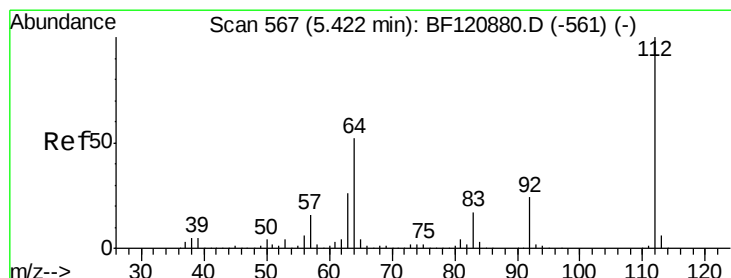
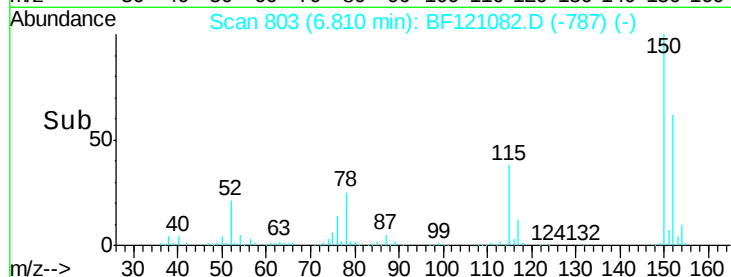
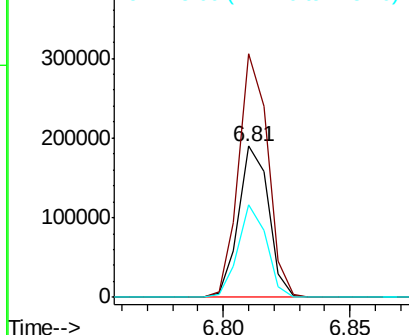


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

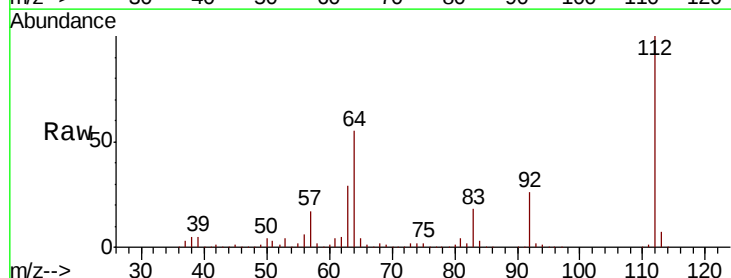
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.254 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.3	61.9
63	28.6	21.1	31.7

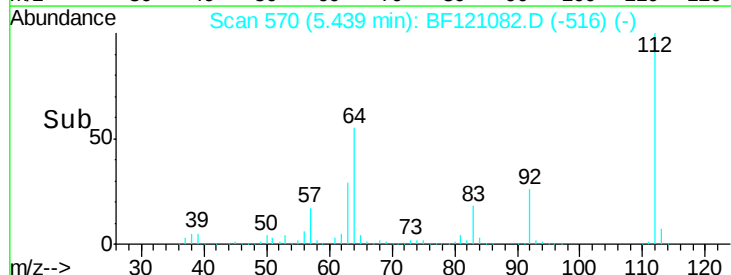
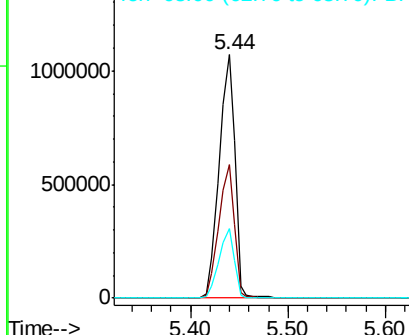


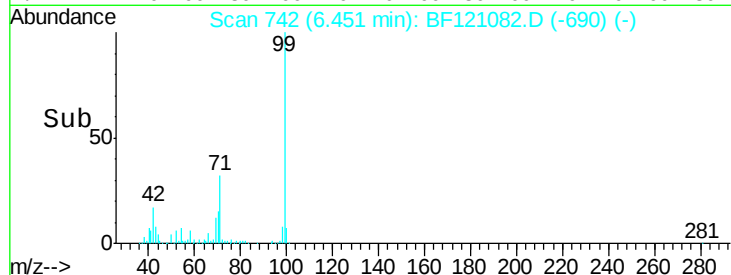
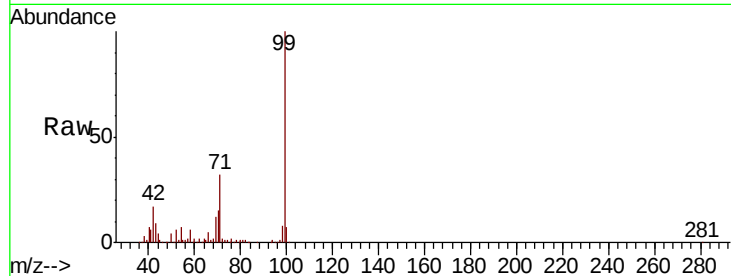
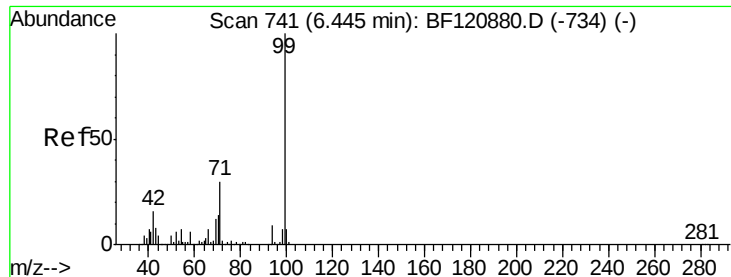
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.359 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121082.D

Acq: 28 Jul 2020 21:54

Tot Ion:	99	Resp:	1370267
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	32.3	24.2	36.4

Instrument :

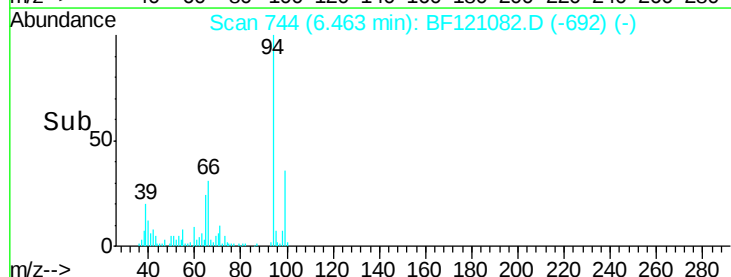
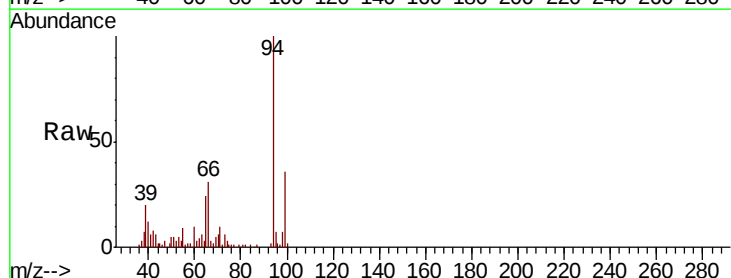
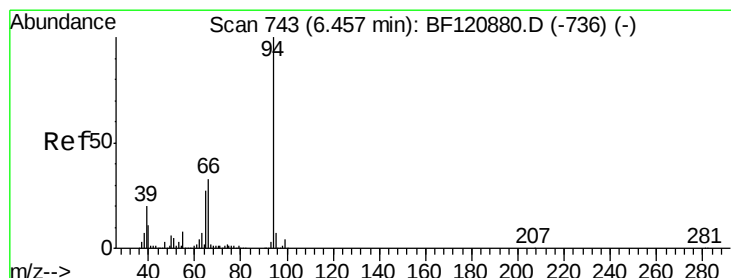
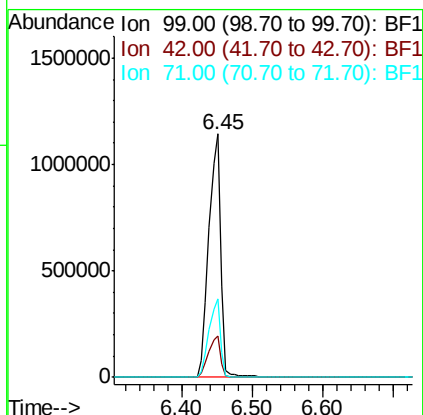
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#10

Phenol

Concen: 5.585 ng

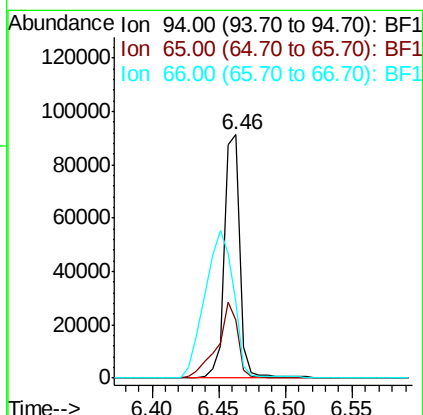
RT: 6.46 min Scan# 744

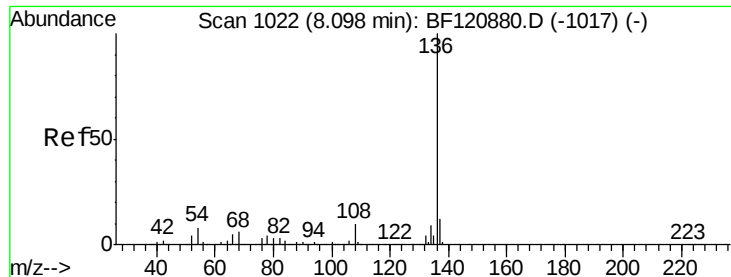
Delta R.T. 0.01 min

Lab File: BF121082.D

Acq: 28 Jul 2020 21:54

Tgt Ion:	94	Resp:	75603
Ion	Ratio	Lower	Upper
94	100		
65	23.9	6.6	46.6
66	31.4	13.2	53.2





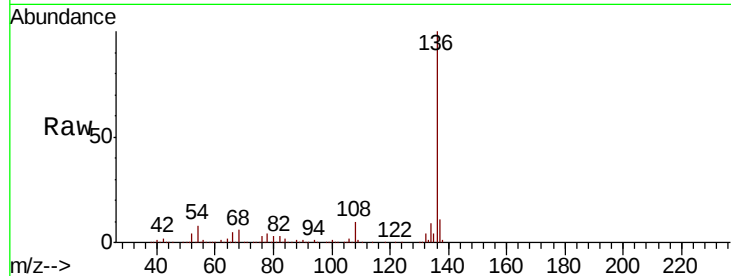
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		596936		
137	11.4	9.3	13.9		
54	7.6	6.3	9.5		
68	6.1	5.0	7.4		

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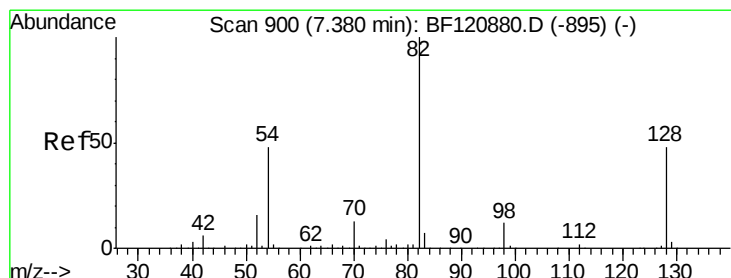
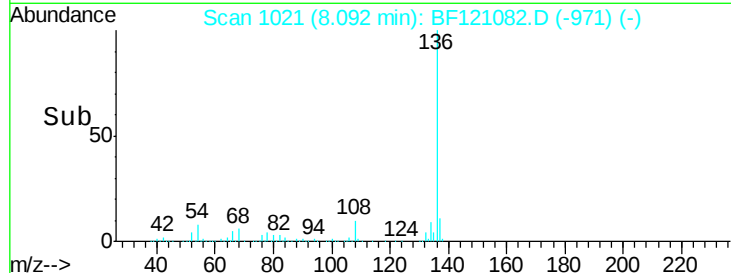
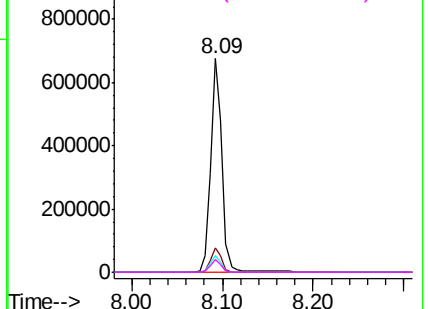
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

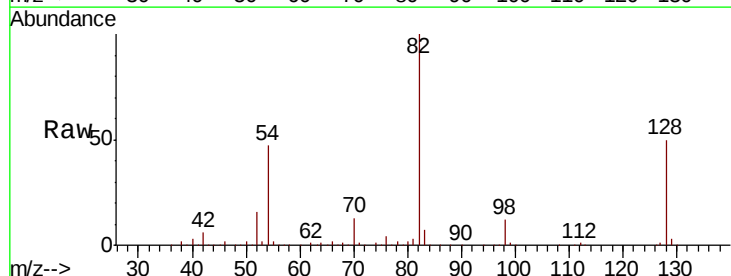
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 97.722 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1008138		
128	49.6	38.2	57.4		
54	46.6	38.7	58.1		

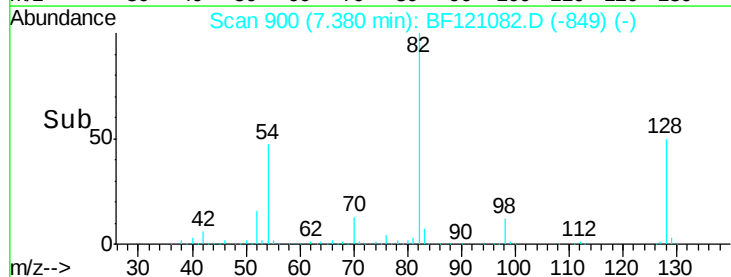
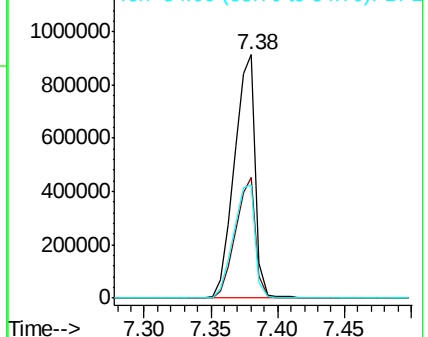


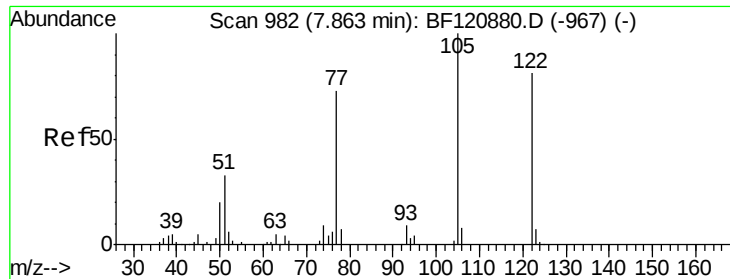
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





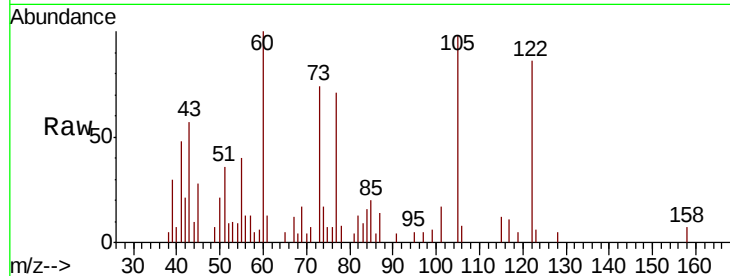
#32
Benzoic acid
Concen: 3.423 ng m
RT: 7.83 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
20200443-3002C

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
105	114.0	101.3	141.3	
77	82.2	69.1	109.1	

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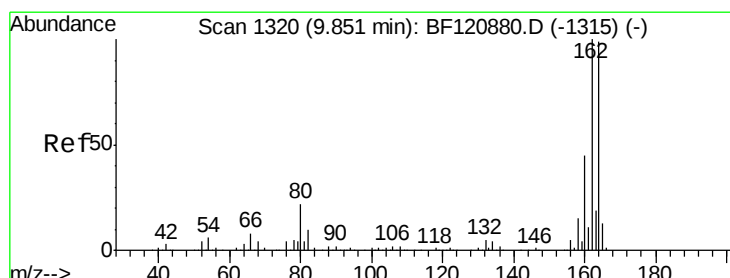
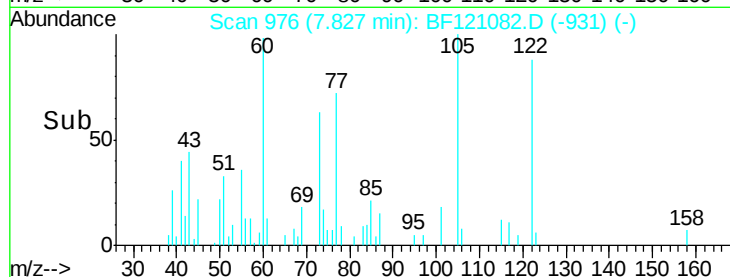
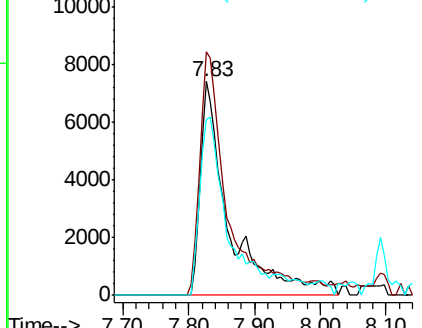


Abundance

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: BF121082.D
Acq: 28 Jul 2020 21:54

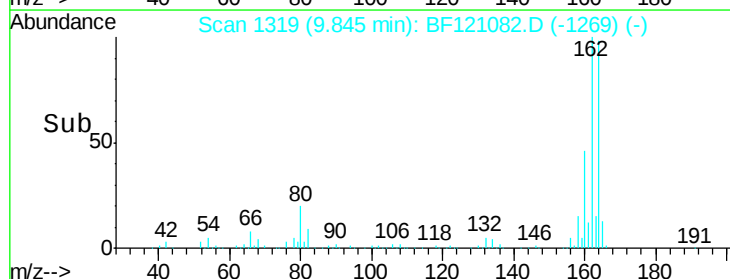
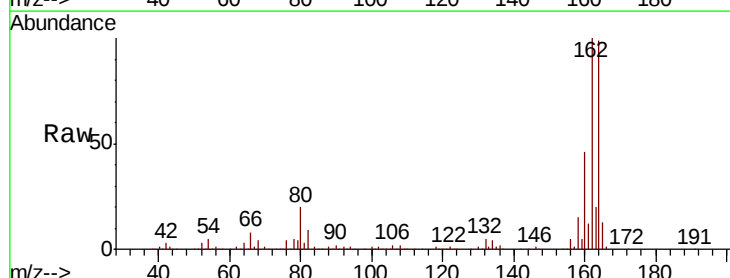
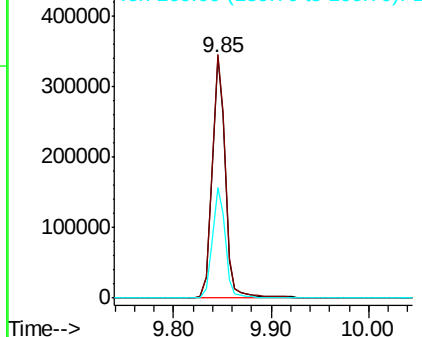
Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	101.2	81.2	121.8	
160	46.2	36.9	55.3	

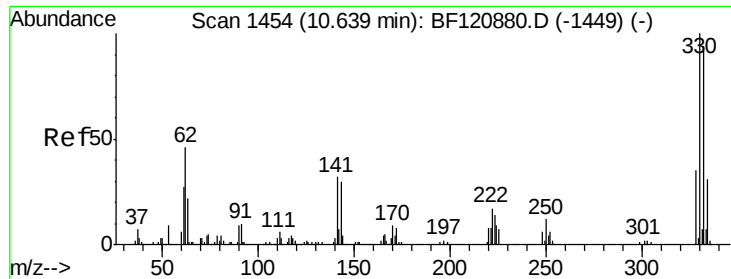
Abundance

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





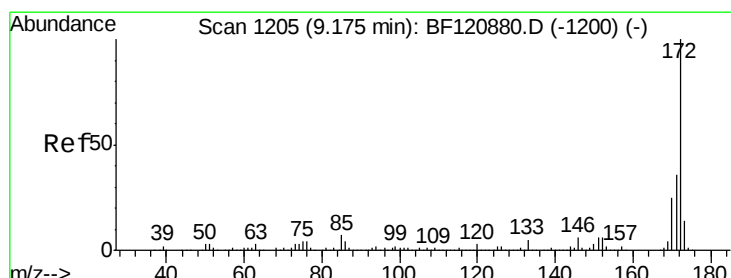
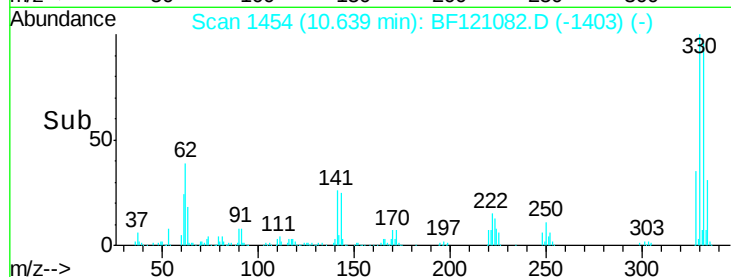
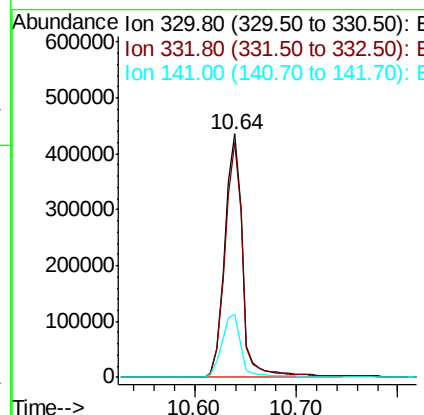
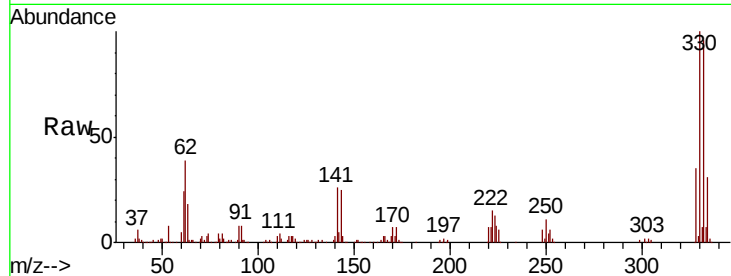
#42
 2,4,6-Tribromophenol
 Concen: 152.360 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF121082.D
 Acq: 28 Jul 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 20200443-3002C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.5	113.3
141	29.1	25.7	38.5

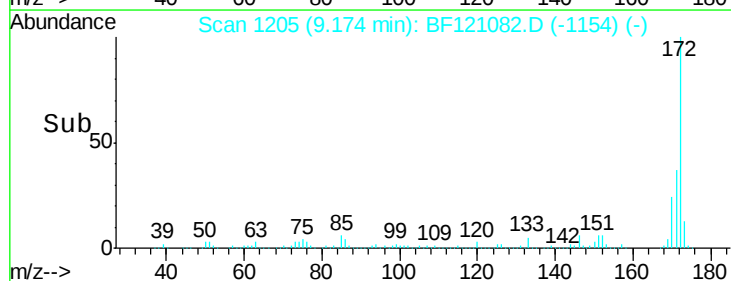
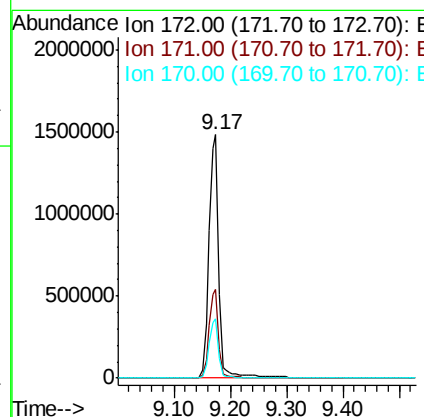
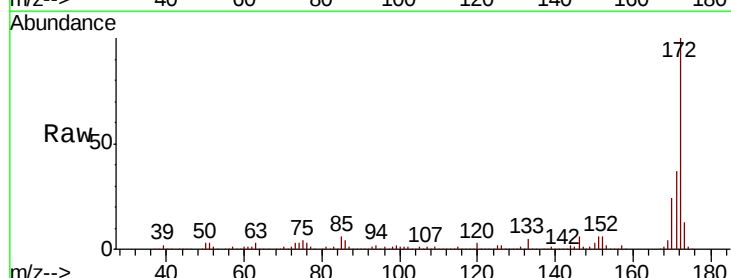
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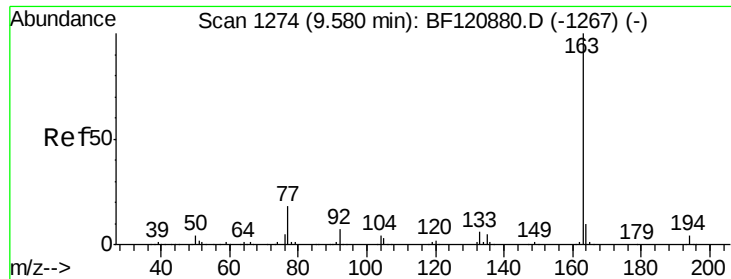
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#45
 2-Fluorobiphenyl
 Concen: 84.578 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF121082.D
 Acq: 28 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.4	19.6	29.4





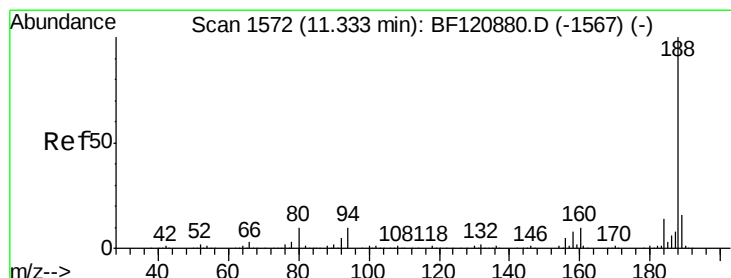
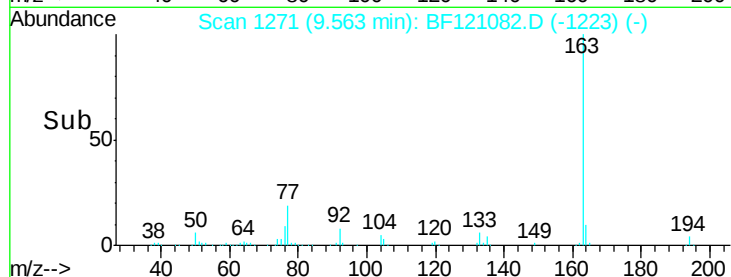
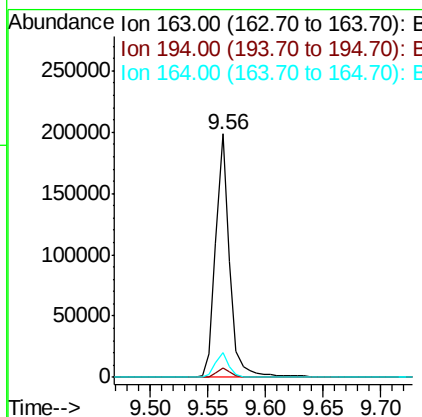
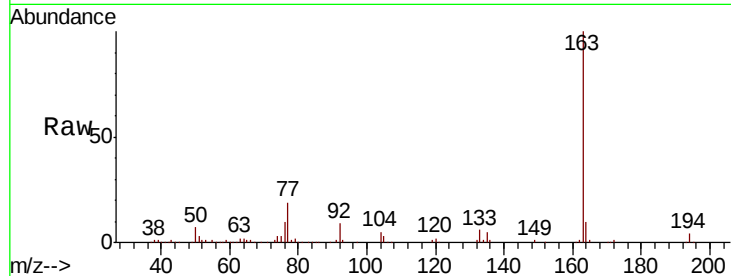
#50
Dimethylphthalate
Concen: 7.317 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.8		3.2	4.8	
164	10.2		7.9	11.9	

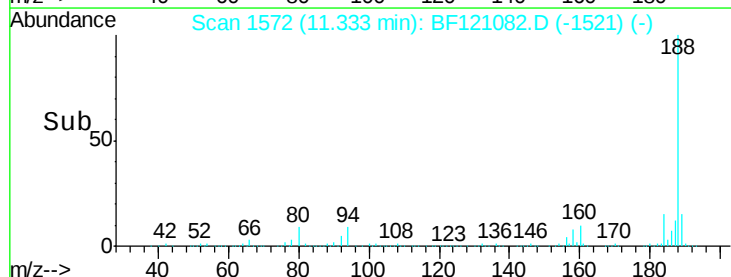
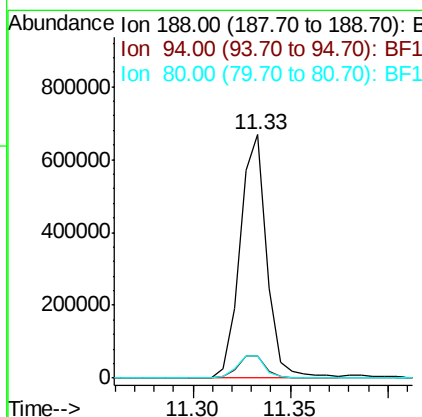
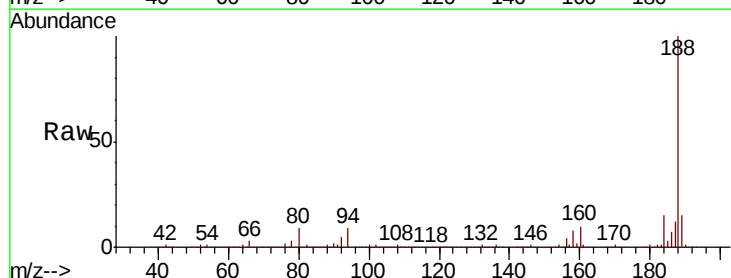
Manual Integrations
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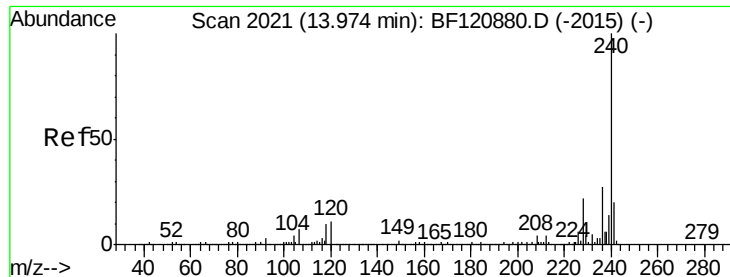
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF121082.D
Acq: 28 Jul 2020 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.1		8.0	12.0	
80	9.1		8.3	12.5	





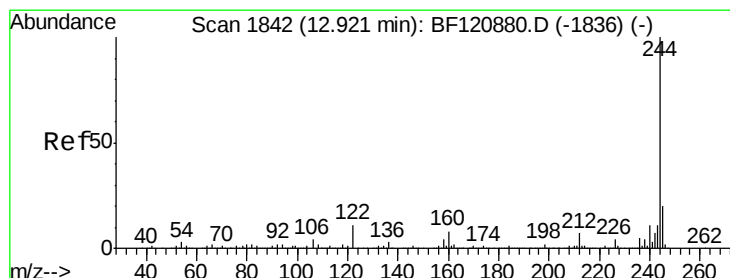
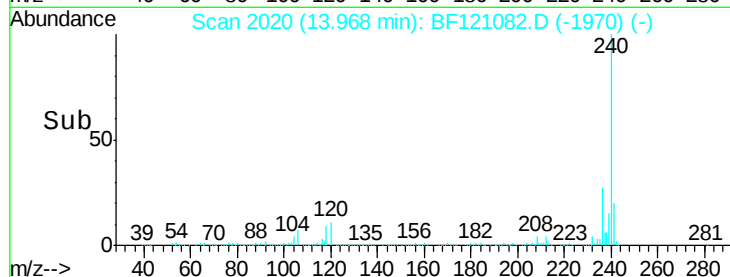
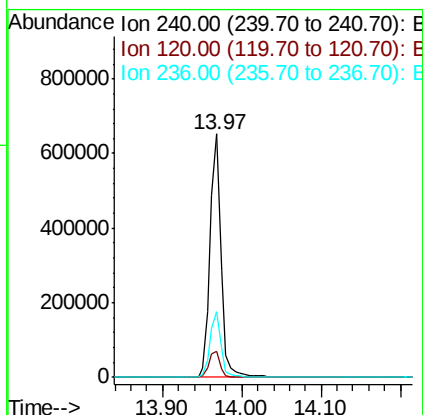
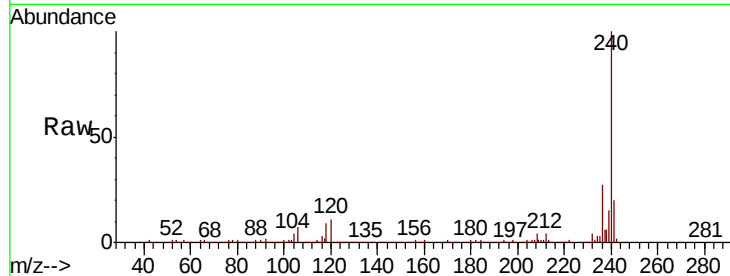
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121082.D
 Acq: 28 Jul 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 20200443-3002C

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	27.0	21.7	32.5

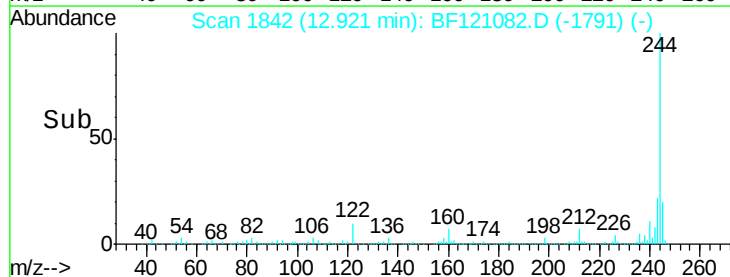
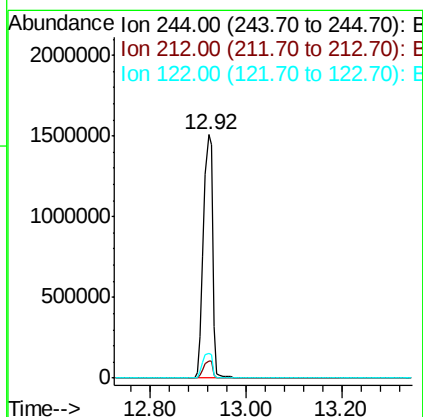
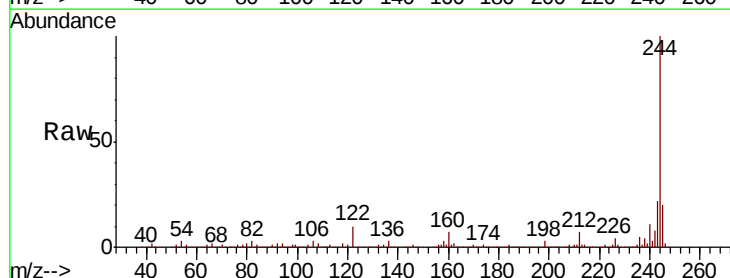
Manual Integrations
 APPROVED

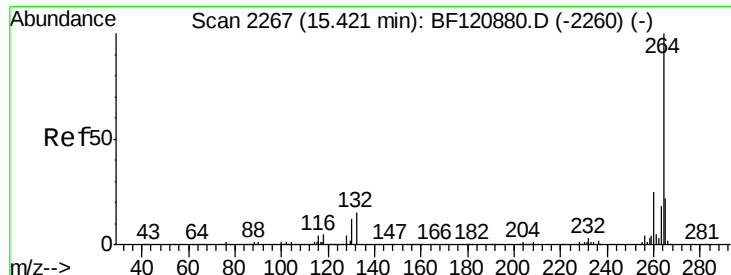
mohammad
 7/29/2020 11:47:39 AM



#79
 Terphenyl-d14
 Concen: 70.001 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF121082.D
 Acq: 28 Jul 2020 21:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.2	8.9	13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121082.D
 Acq: 28 Jul 2020 21:54

Instrument :
 BNA_F
 ClientSampleId :
 20200443-3002C

Tot Ion:	264	Resp:	648632
Ion Ratio	Lower	Upper	
264	100		
260	24.7	20.0	30.0
265	21.9	17.4	26.2

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:39 AM

