

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121425.D
 Acq On : 25 Aug 2020 13:52
 Operator : JU/CG
 Sample : L3784-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-04

Manual Integrations
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mohammad
 8/26/2020 4:00:28 PM

Quant Time: Aug 25 14:35:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151920	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	597367	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	313314	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	623103	20.00	ng	0.00
76) Chrysene-d12	13.85	240	574733	20.00	ng	0.00
86) Perylene-d12	15.27	264	595087	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	685330	73.97	ng	0.01
7) Phenol-d6	6.35	99	845541	71.49	ng	0.00
23) Nitrobenzene-d5	7.26	82	551500	52.21	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	258745	70.87	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	958152	53.99	ng	0.00
79) Terphenyl-d14	12.80	244	1018211	34.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	297954	13.071	ng	99
71) Phenanthrene	11.23	178	77899	2.416	ng	99
75) Fluoranthene	12.42	202	149609	4.274	ng	98
78) Pyrene	12.65	202	129419	2.998	ng	99
88) Benzo(b)fluoranthene	14.86	252	92651m	2.410	ng	

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

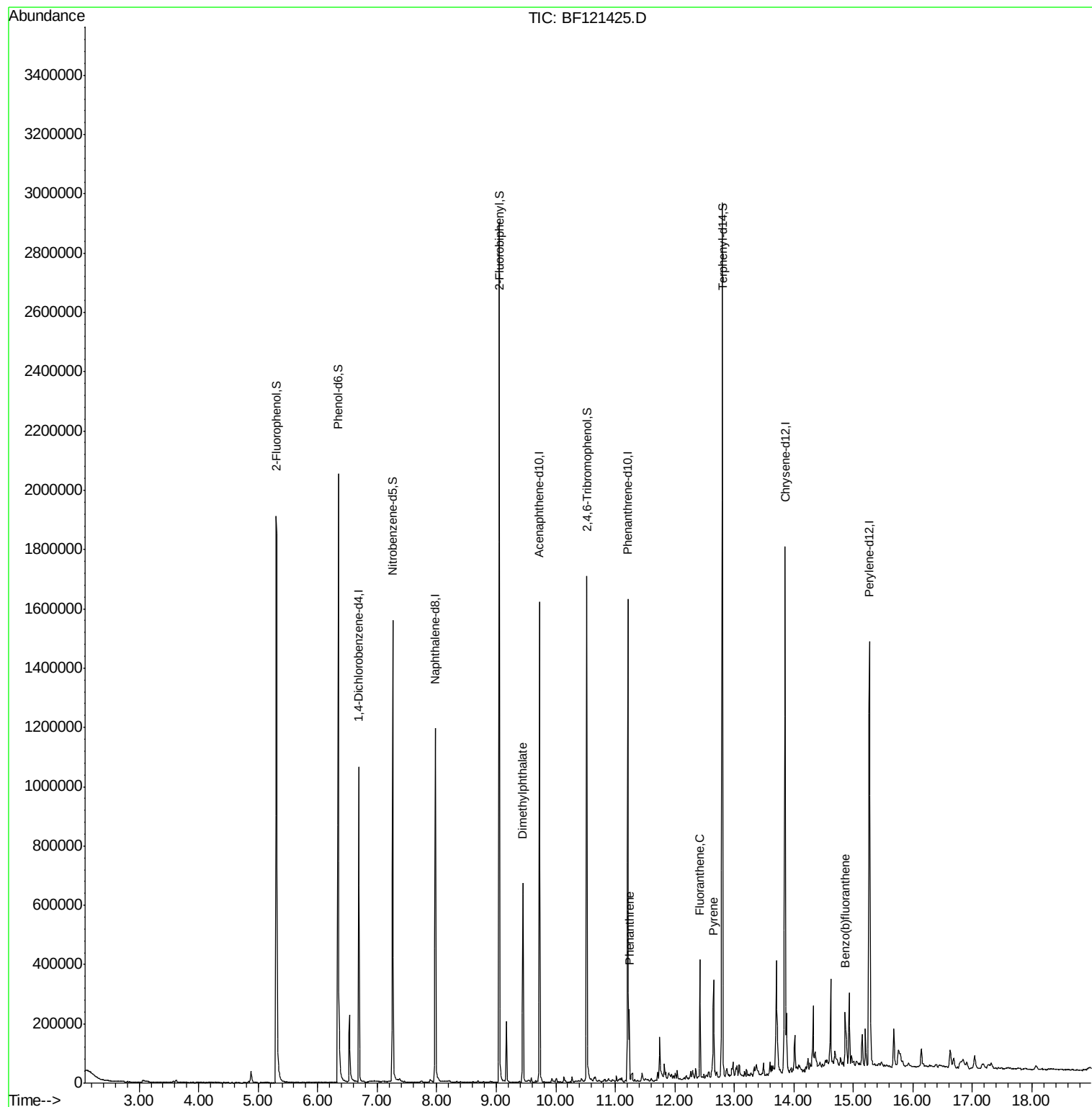
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121425.D
Acq On : 25 Aug 2020 13:52
Operator : JU/CG
Sample : L3784-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

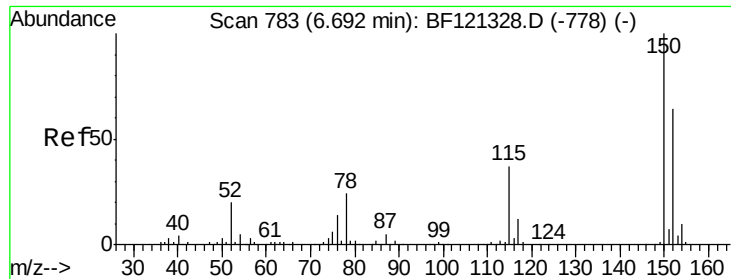
Instrument :
BNA_F
ClientSampleId :
RO-04

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Quant Time: Aug 25 14:35:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
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#1

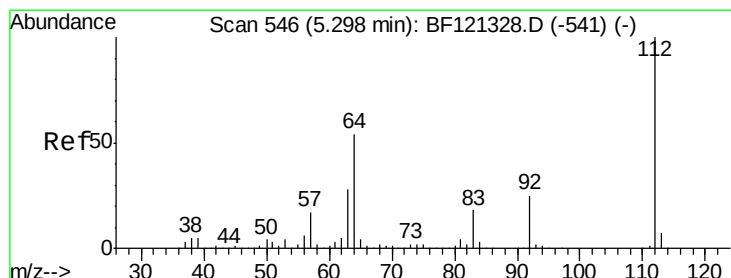
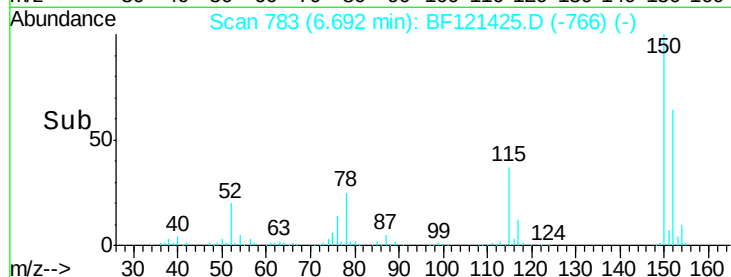
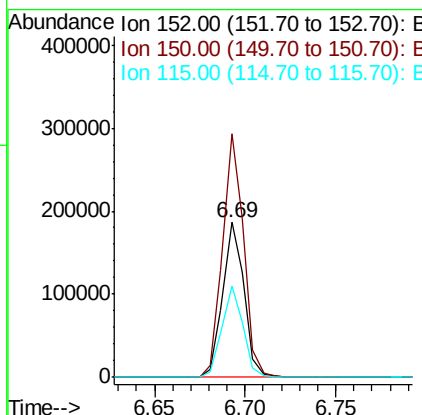
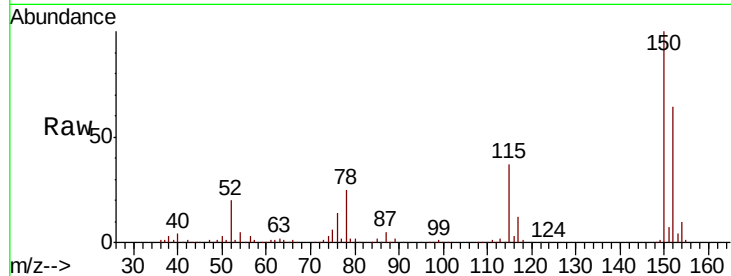
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121425.D
Acq: 25 Aug 2020 13:52

Instrument :
BNA_F
ClientSampleId :
RO-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.8	187.2
115	58.6	46.1	69.1

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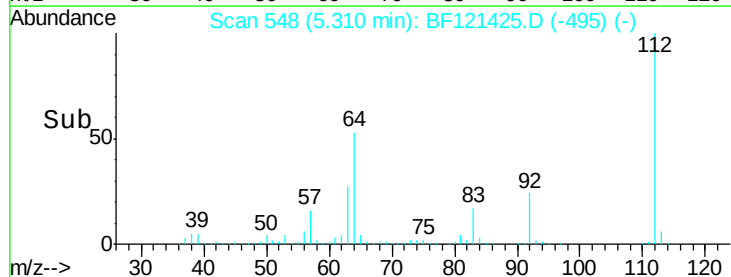
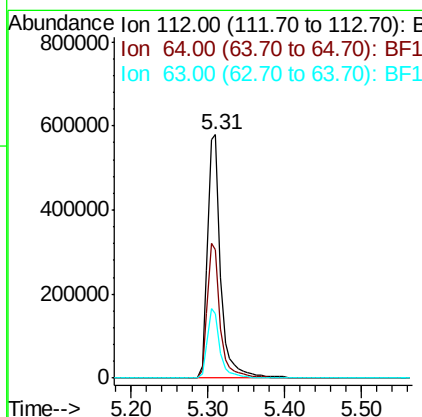
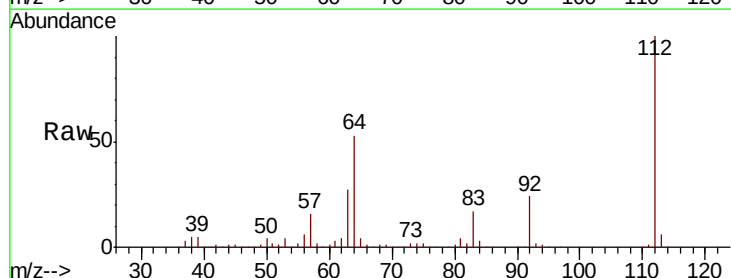
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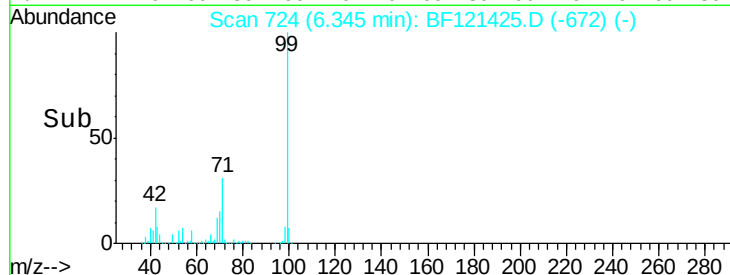
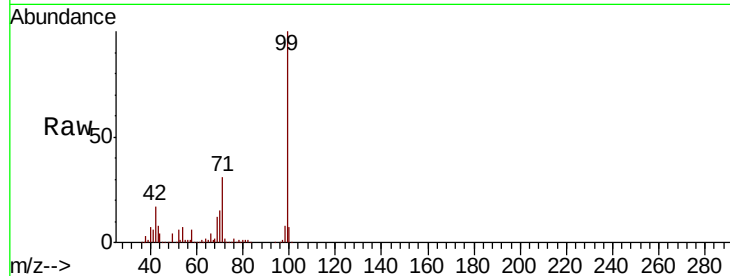
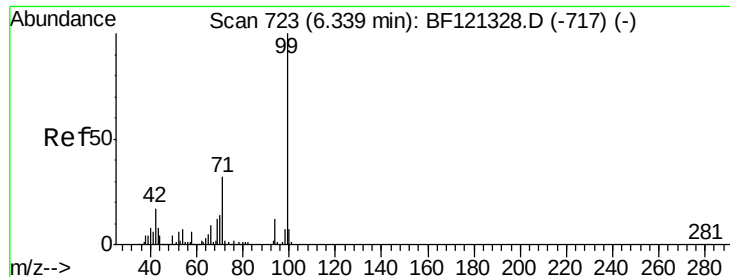


#5

2-Fluorophenol
Concen: 73.970 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121425.D
Acq: 25 Aug 2020 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	43.5	65.3
63	26.7	22.0	33.0





#7

Phenol-d6

Concen: 71.489 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121425.D

Acq: 25 Aug 2020 13:52

Tot Ion:	99	Resp:	845541
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	30.6	25.2	37.8

Instrument :

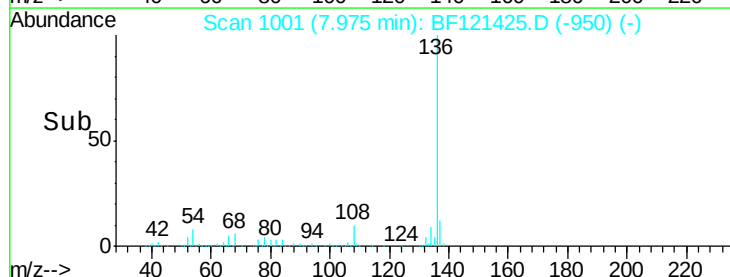
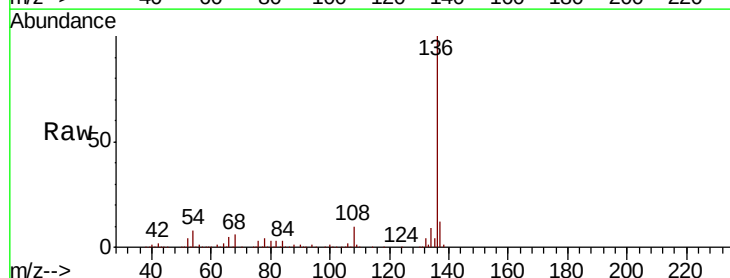
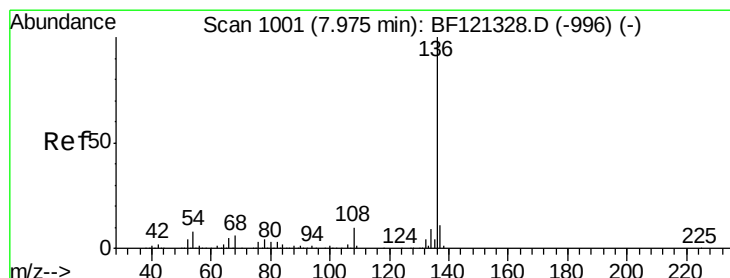
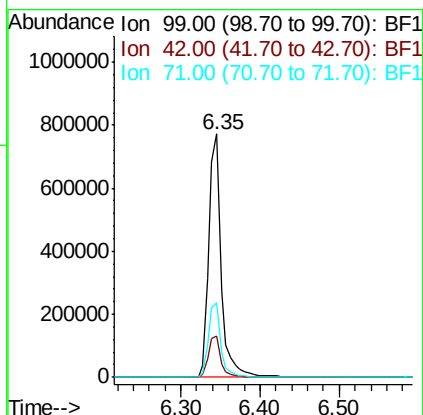
BNA_F

ClientSampled :

RO-04

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#21

Naphthalene-d8

Concen: 20.000 ng

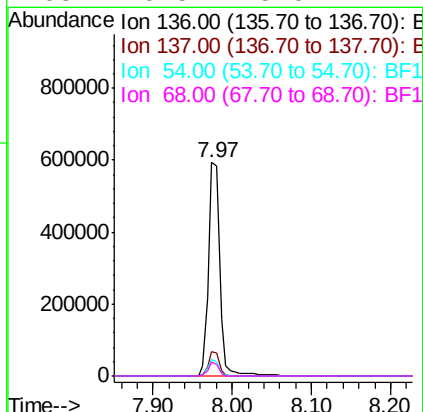
RT: 7.97 min Scan# 1001

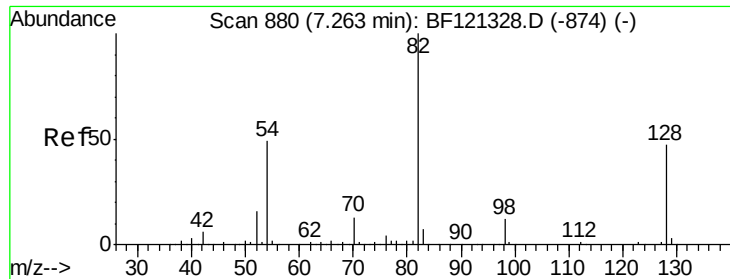
Delta R.T. 0.00 min

Lab File: BF121425.D

Acq: 25 Aug 2020 13:52

Tgt Ion:	136	Resp:	597367
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.1	6.1	9.1
68	6.5	5.0	7.4





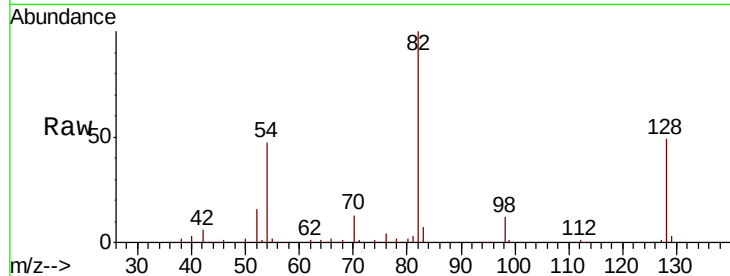
#23
Nitrobenzene-d5
Concen: 52.214 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121425.D
Acq: 25 Aug 2020 13:52

Instrument :
BNA_F
ClientSampled :
RO-04

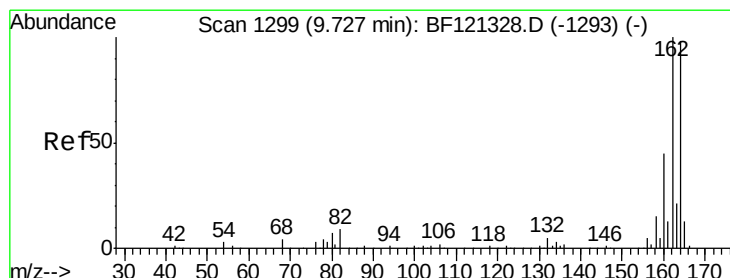
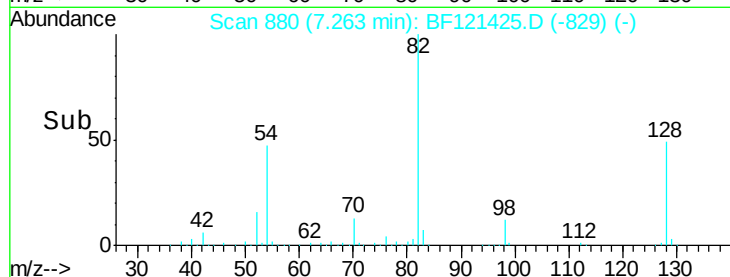
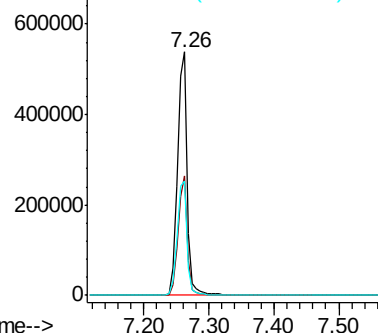
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.0	37.9	56.9	
54	47.2	39.0	58.4	

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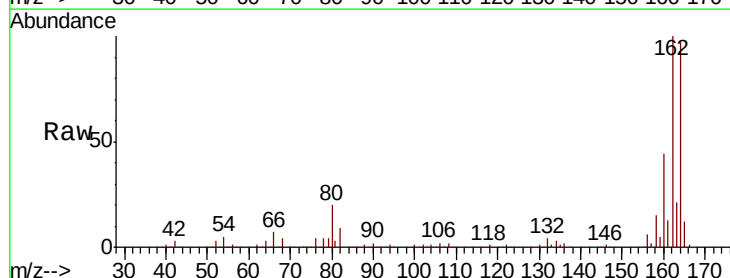


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

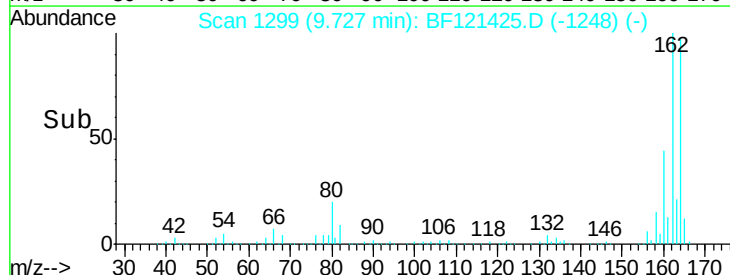
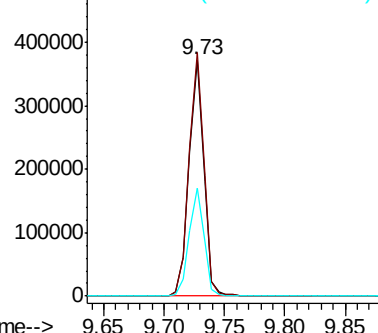


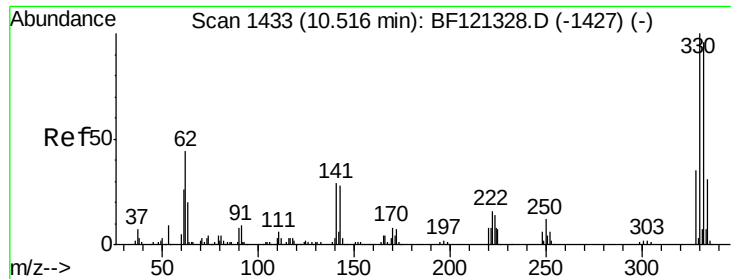
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121425.D
Acq: 25 Aug 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	81.7	122.5	
160	45.7	37.0	55.4	



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





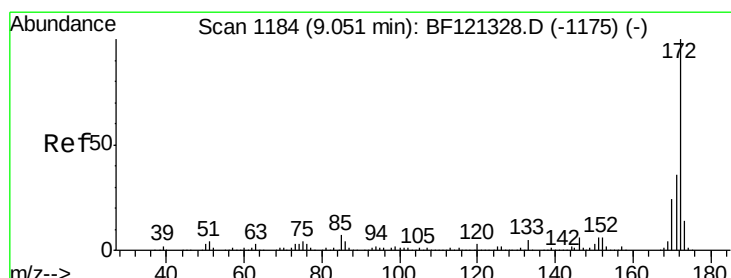
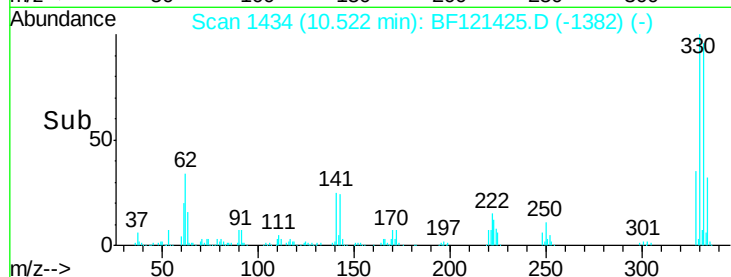
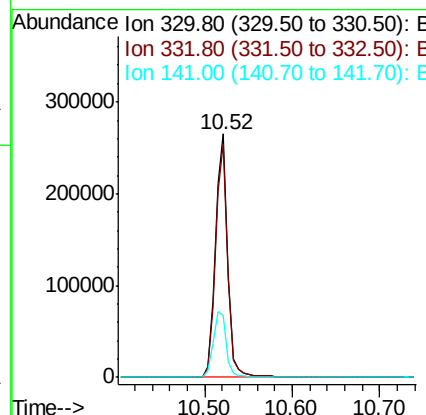
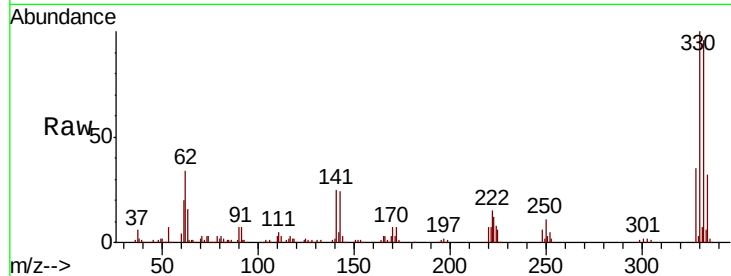
#42
 2,4,6-Tribromophenol
 Concen: 70.868 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121425.D
 Acq: 25 Aug 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RO-04

Tot Ion	Ratio	Resp	Lower	Upper
330	100	258745		
332	95.8	76.9	115.3	
141	29.0	22.8	34.2	

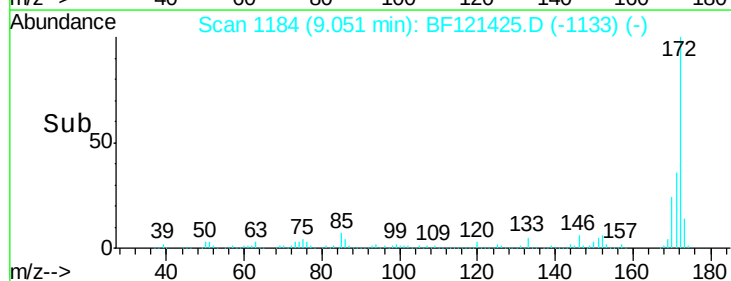
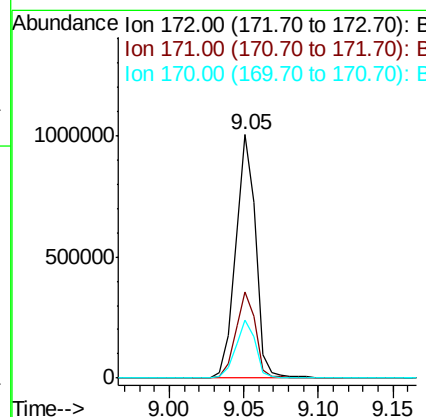
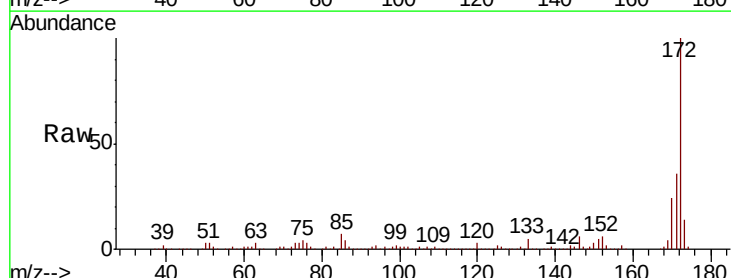
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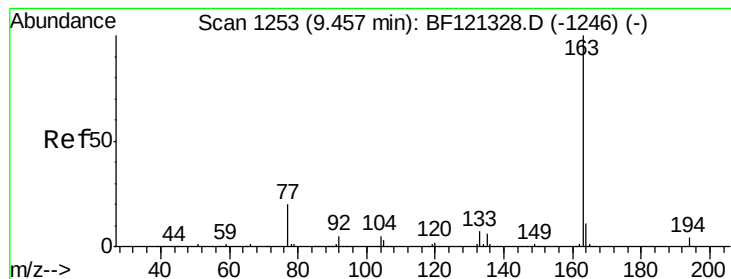
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#45
 2-Fluorobiphenyl
 Concen: 53.991 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121425.D
 Acq: 25 Aug 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	958152		
171	35.5	29.0	43.6	
170	23.9	19.4	29.2	





#50

Dimethylphthalate

Concen: 13.071 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121425.D

Acq: 25 Aug 2020 13:52

Instrument :

BNA_F

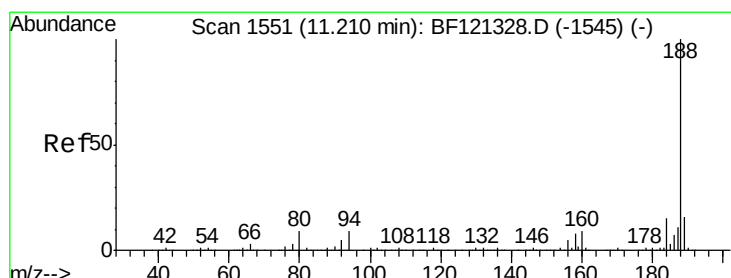
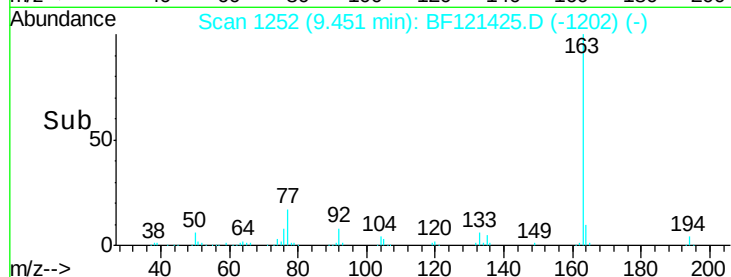
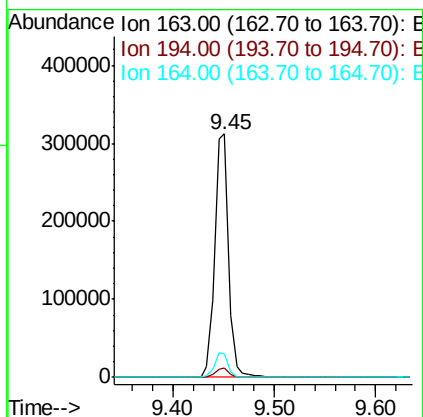
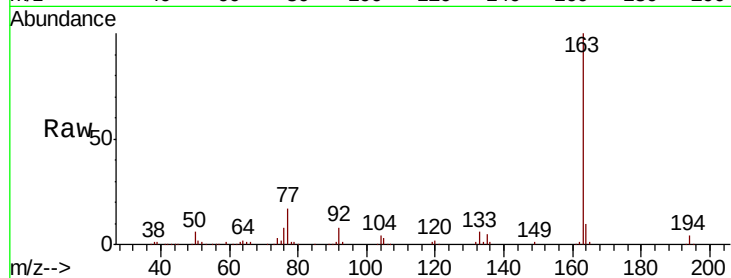
ClientSampleId :

RO-04

Tot Ion	Ratio	Resp	Lower	Upper
163	100	297954		
194	4.0	3.0	4.6	
164	9.8	8.4	12.6	

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#64

Phenanthrene-d10

Concen: 20.000 ng

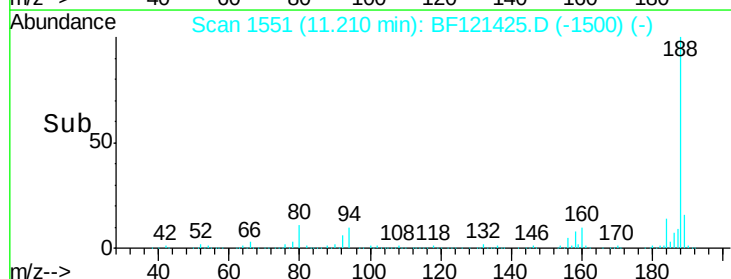
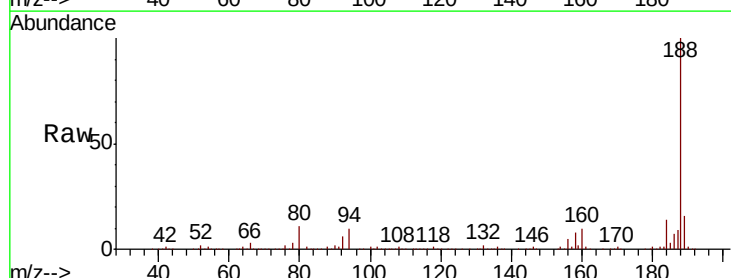
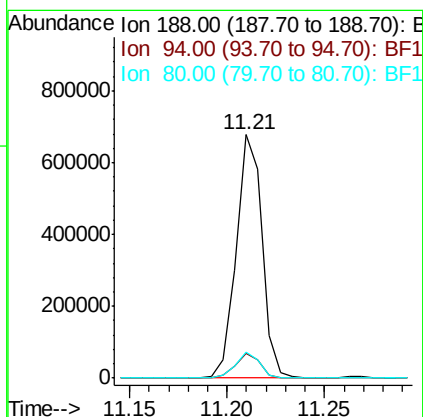
RT: 11.21 min Scan# 1551

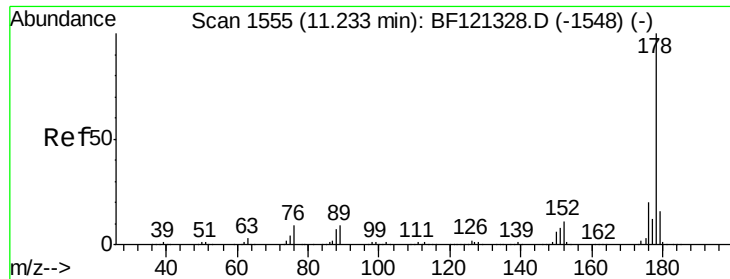
Delta R.T. 0.00 min

Lab File: BF121425.D

Acq: 25 Aug 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	623103		
94	10.1	7.2	10.8	
80	10.7	7.4	11.0	





#71

Phenanthrene

Concen: 2.416 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF121425.D

Acq: 25 Aug 2020 13:52

Instrument :

BNA_F

ClientSampleId :

RO-04

Tot Ion:178 Resp: 77899

Ion Ratio Lower Upper

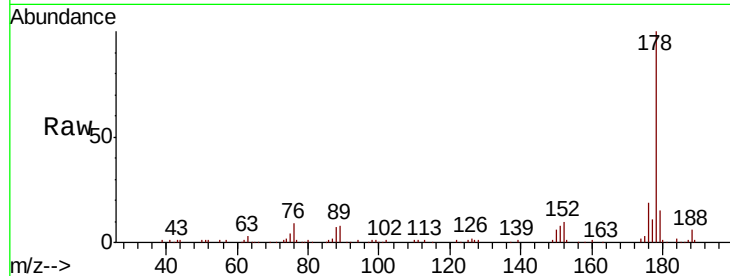
178 100

176 19.4 16.0 24.0

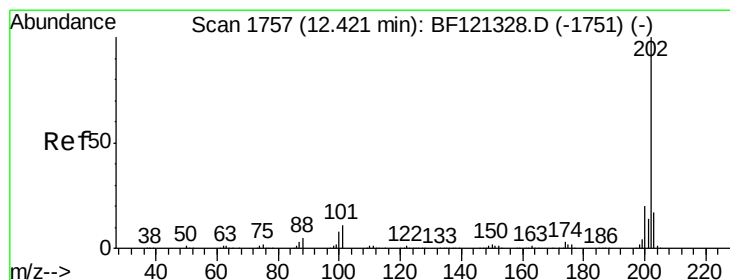
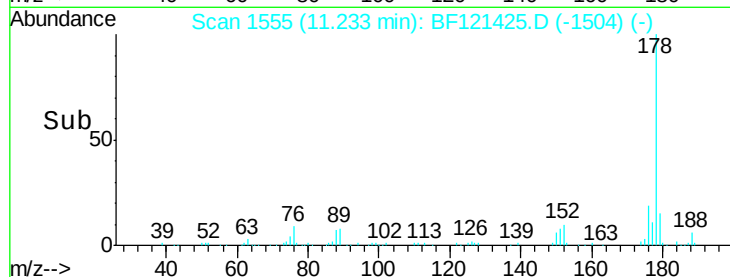
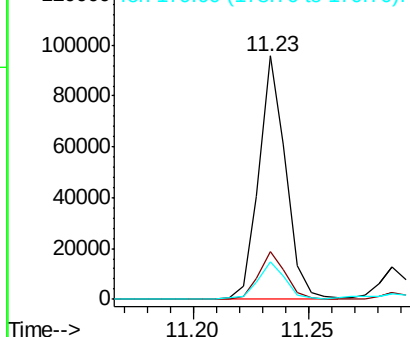
179 15.3 12.8 19.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.274 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF121425.D

Acq: 25 Aug 2020 13:52

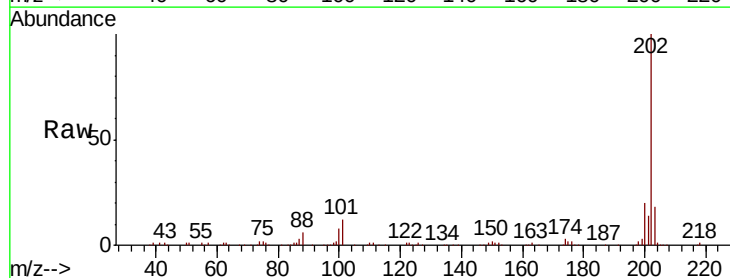
Tgt Ion:202 Resp: 149609

Ion Ratio Lower Upper

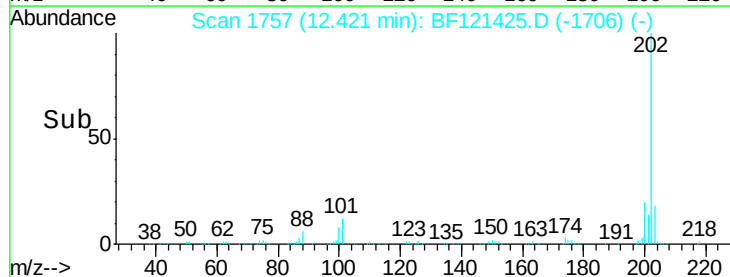
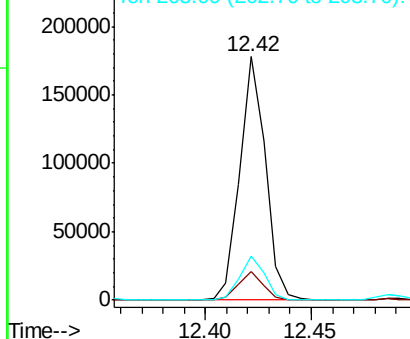
202 100

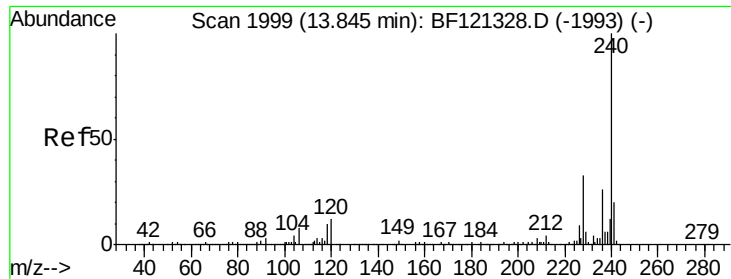
101 11.8 0.0 30.6

203 18.1 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





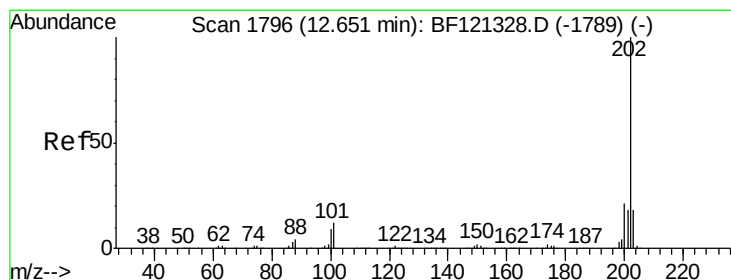
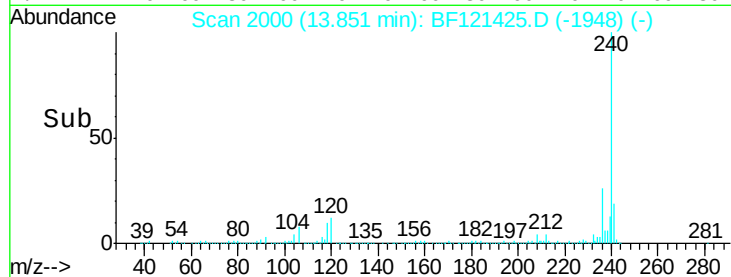
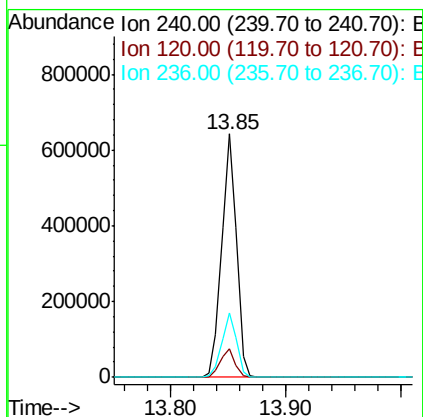
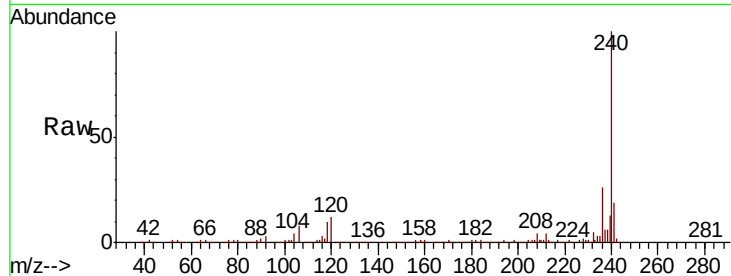
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121425.D
Acq: 25 Aug 2020 13:52

Instrument :
BNA_F
ClientSampleId :
RO-04

Tot Ion	Ratio	Resp	Lower	Upper
240	100	574733		
120	11.6		9.6	14.4
236	26.3		20.6	31.0

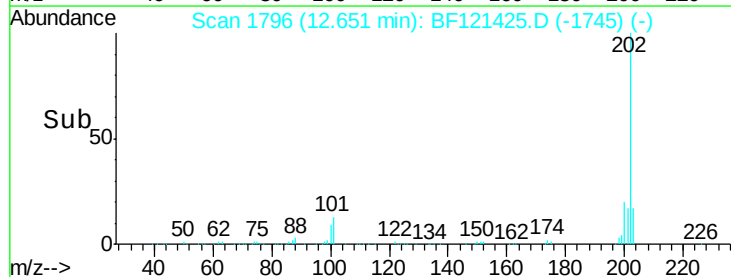
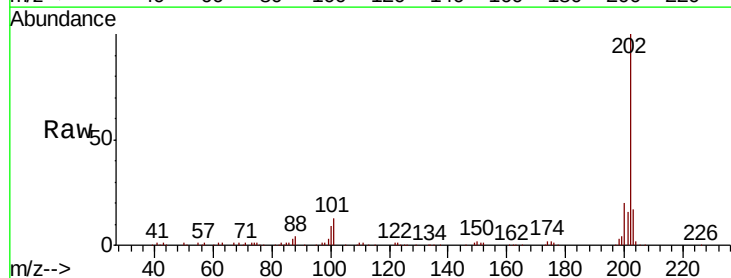
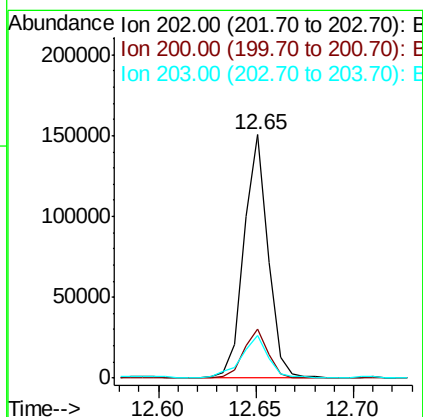
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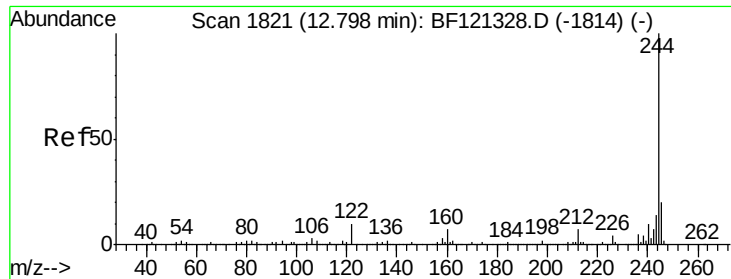
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#78
Pyrene
Concen: 2.998 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF121425.D
Acq: 25 Aug 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	129419		
200	20.4		16.6	24.8
203	17.5		14.2	21.2





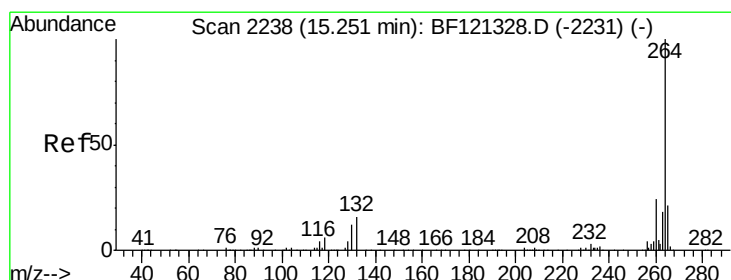
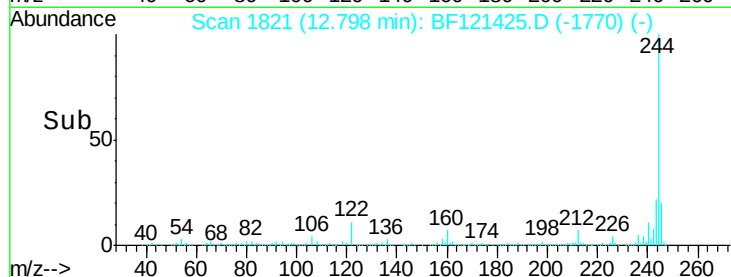
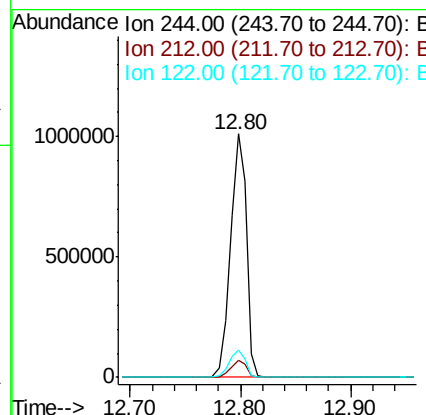
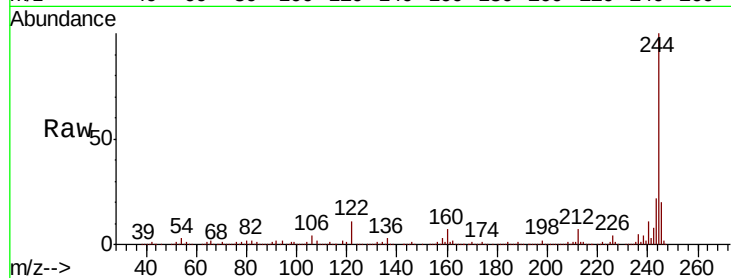
#79
 Terphenyl-d14
 Concen: 34.620 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121425.D
 Acq: 25 Aug 2020 13:52

Instrument :
 BNA_F
 ClientSampled :
 RO-04

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.2	7.8	11.8

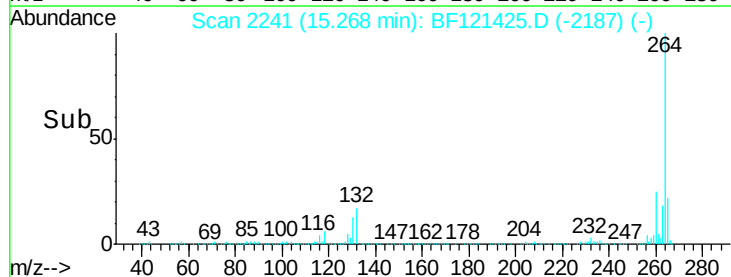
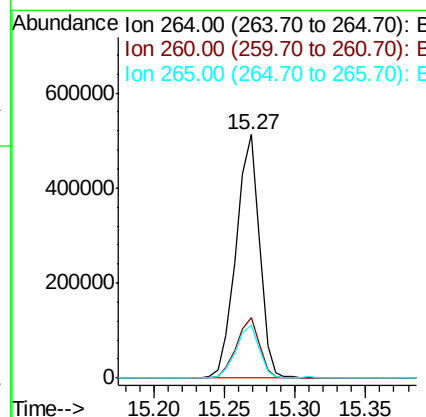
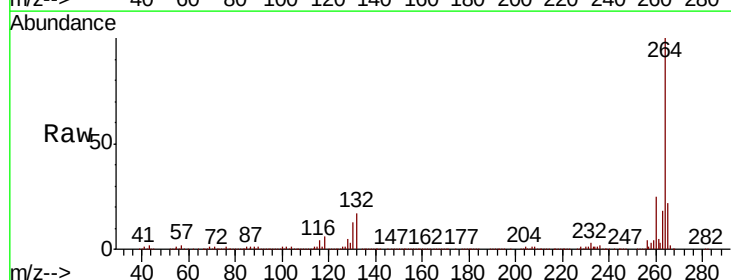
Manual Integrations
 APPROVED

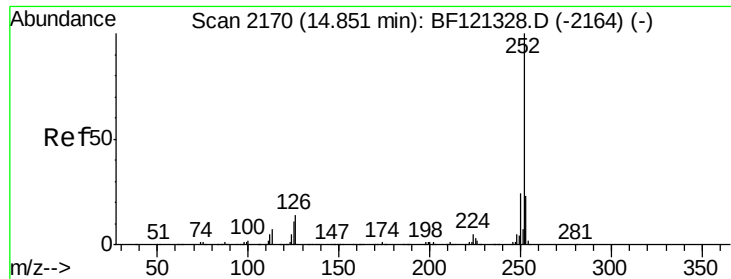
mohammad
 8/26/2020 4:00:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. 0.02 min
 Lab File: BF121425.D
 Acq: 25 Aug 2020 13:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	17.1	25.7





#88
 Benzo(b)fluoranthene
 Concen: 2.410 ng m
 RT: 14.86 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BF121425.D
 Acq: 25 Aug 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RO-04

Tot Ion:	252	Resp:	92651
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	11.9	8.6	12.8

Manual Integrations
 APPROVED

mohammad
 8/26/2020 4:00:28 PM

