

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121430.D
 Acq On : 25 Aug 2020 16:31
 Operator : JU/CG
 Sample : L3784-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-10

Manual Integrations
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mohammad
 8/26/2020 4:00:35 PM

Quant Time: Aug 25 18:20:12 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	144138	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	579267	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	303419	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	598556	20.00	ng	0.00
76) Chrysene-d12	13.85	240	510675	20.00	ng	0.00
86) Perylene-d12	15.26	264	451778	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	698259	79.43	ng	0.00
7) Phenol-d6	6.35	99	851705	75.90	ng	0.00
23) Nitrobenzene-d5	7.26	82	555841	54.27	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	264721	74.87	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1017515	60.68	ng	0.00
79) Terphenyl-d14	12.80	244	1051190	40.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	105821	4.794	ng	100
75) Fluoranthene	12.42	202	145521	4.328	ng	99
78) Pyrene	12.65	202	128793	3.357	ng	98
88) Benzo(b)fluoranthene	14.86	252	67397m	2.309	ng	

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

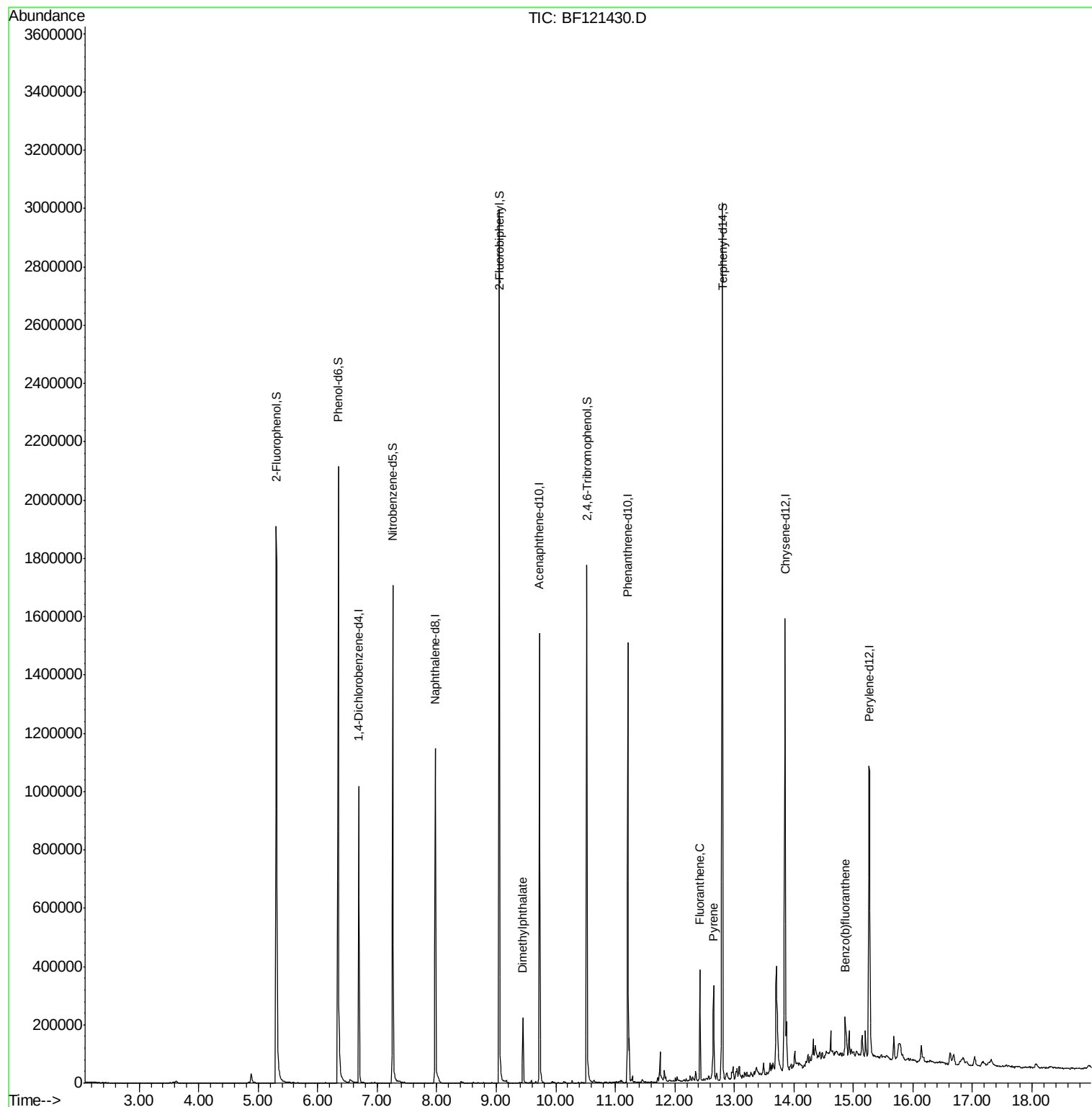
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121430.D
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ALS Vial : 10 Sample Multiplier: 1

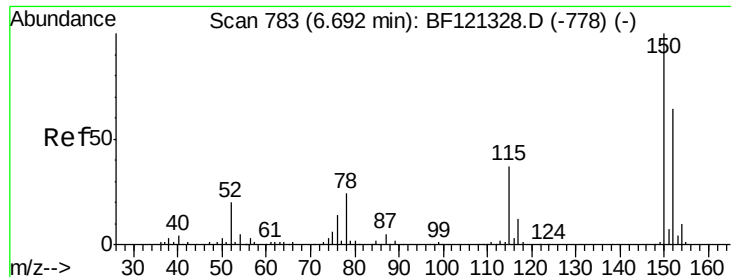
Instrument :
BNA_F
ClientSampleId :
RO-10

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#1

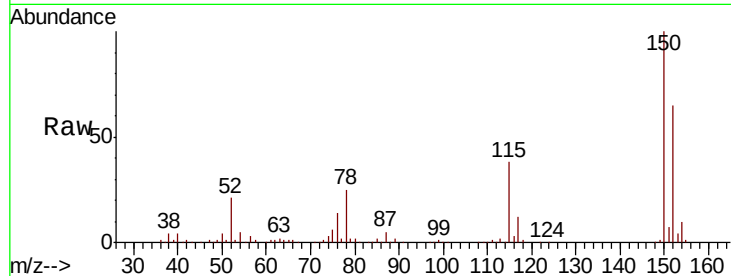
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121430.D
Acq: 25 Aug 2020 16:31

Instrument :
BNA_F
ClientSampleId :
RO-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.8	187.2
115	59.3	46.1	69.1

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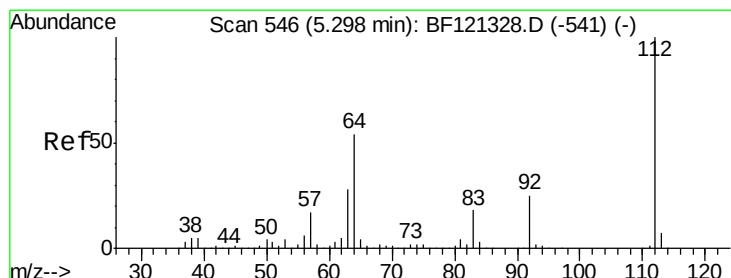
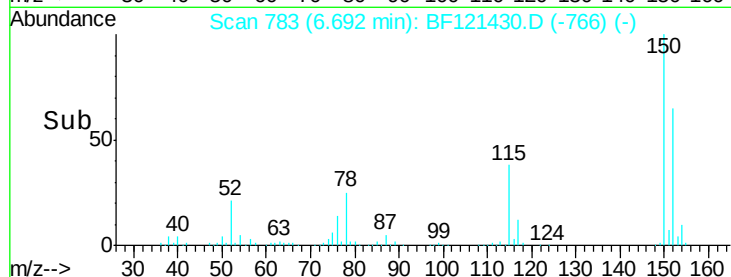
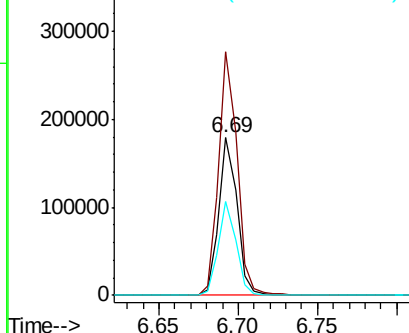


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

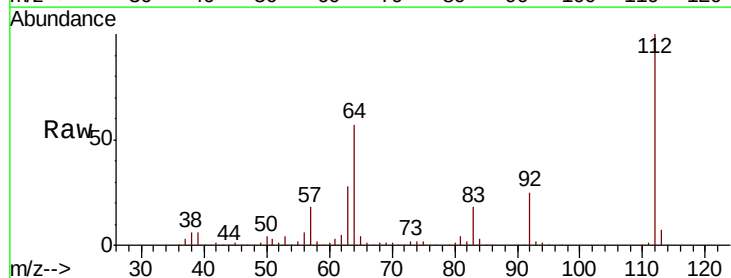
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.435 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121430.D
Acq: 25 Aug 2020 16:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.5	65.3
63	28.4	22.0	33.0

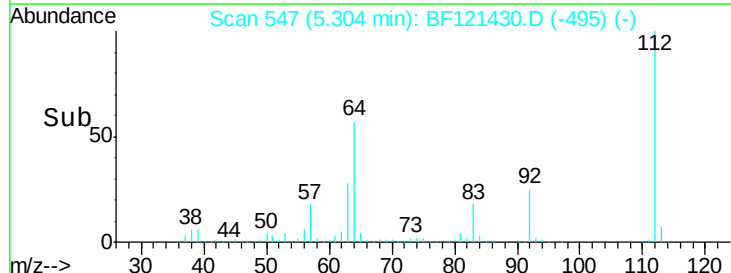
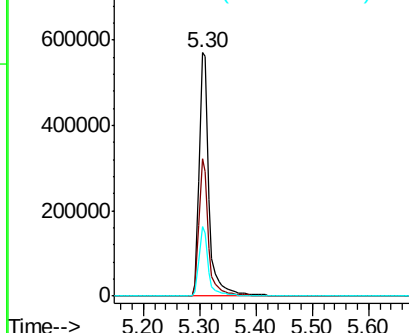


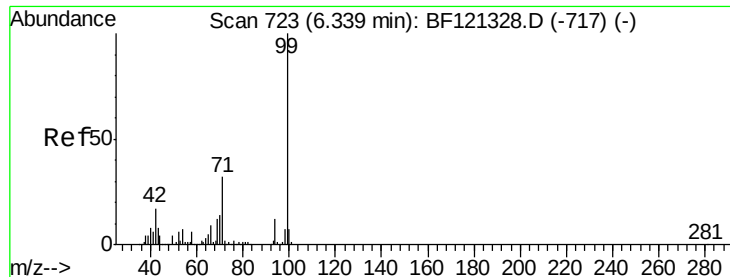
Abundance

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: 75.898 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121430.D

Acq: 25 Aug 2020 16:31

Instrument :

BNA_F

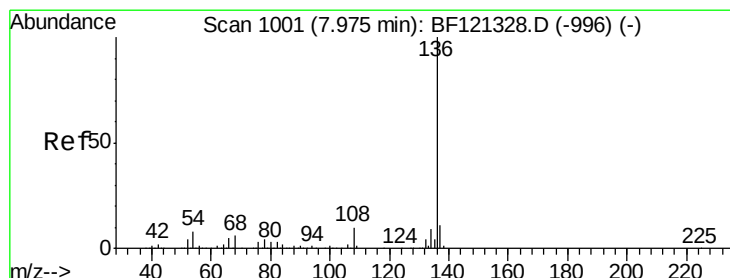
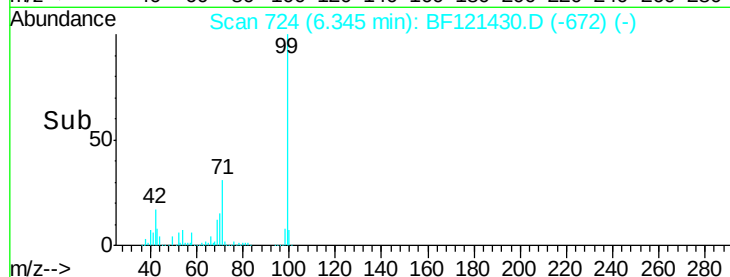
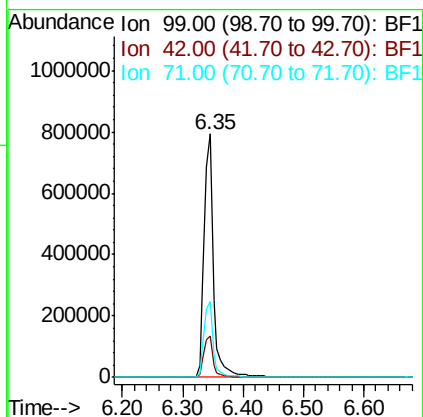
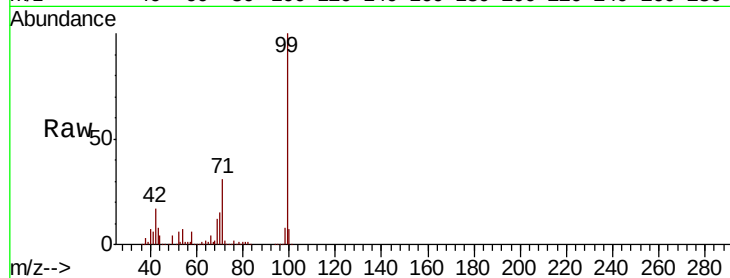
ClientSampled :

RO-10

Tot Ion:	99	Resp:	851705
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	31.0	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.000 ng

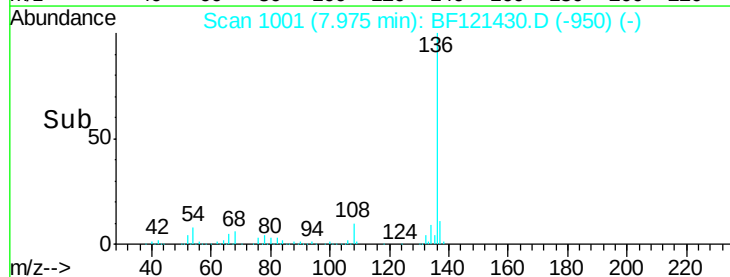
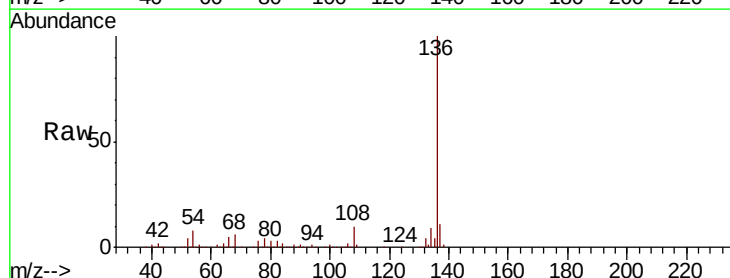
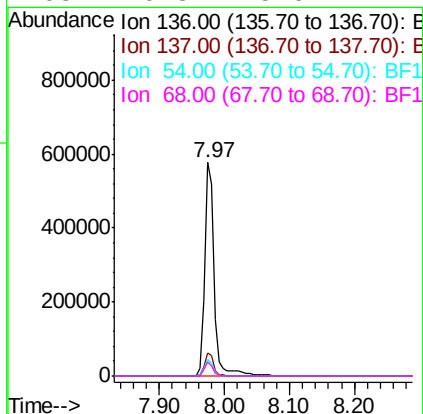
RT: 7.97 min Scan# 1001

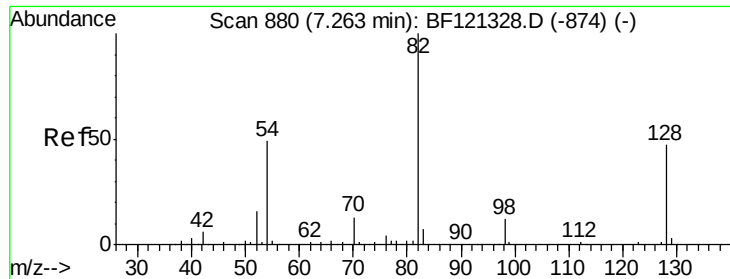
Delta R.T. 0.00 min

Lab File: BF121430.D

Acq: 25 Aug 2020 16:31

Tgt Ion:	136	Resp:	579267
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.1	9.1
68	6.3	5.0	7.4





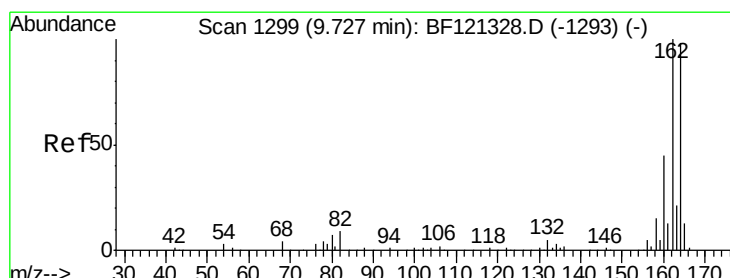
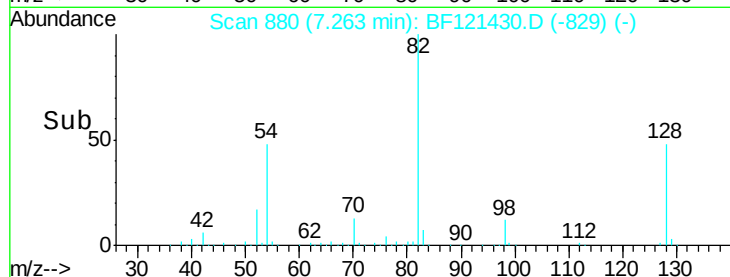
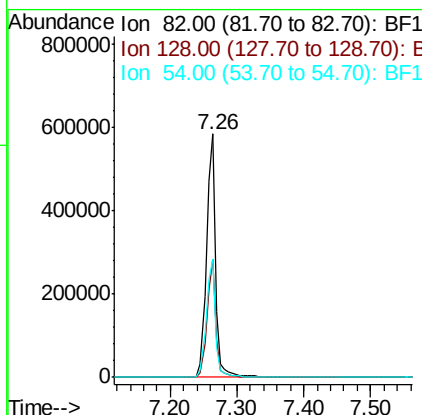
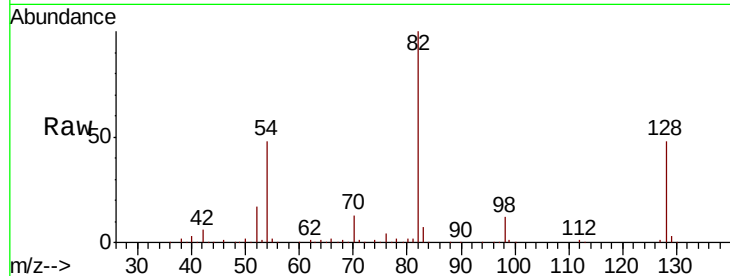
#23
 Nitrobenzene-d5
 Concen: 54.269 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121430.D
 Acq: 25 Aug 2020 16:31

Instrument :
 BNA_F
 ClientSampled :
 RO-10

Tot Ion:	82	Resp:	555841
Ion Ratio	Lower	Upper	
82	100		
128	48.5	37.9	56.9
54	48.3	39.0	58.4

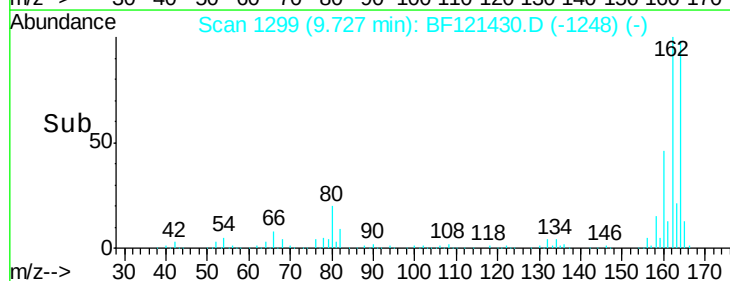
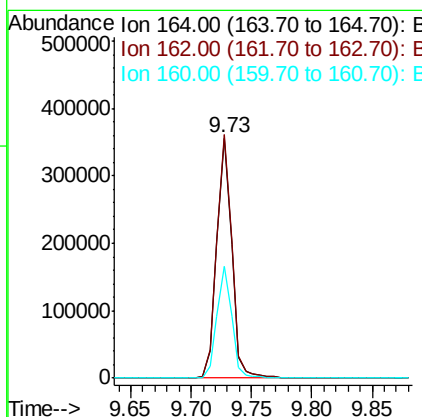
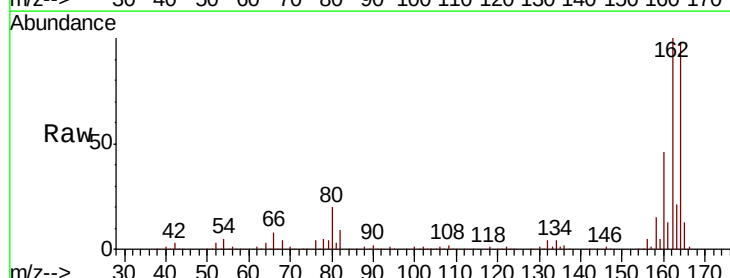
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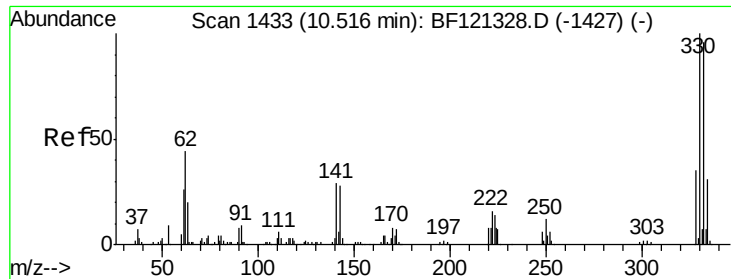
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF121430.D
 Acq: 25 Aug 2020 16:31

Tgt Ion:	164	Resp:	303419
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.7	122.5
160	46.5	37.0	55.4





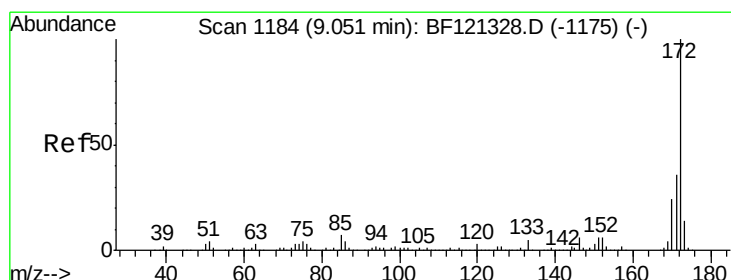
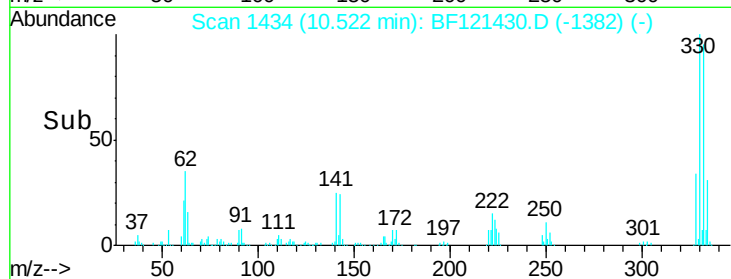
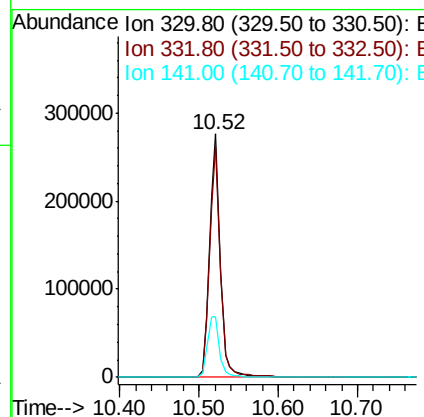
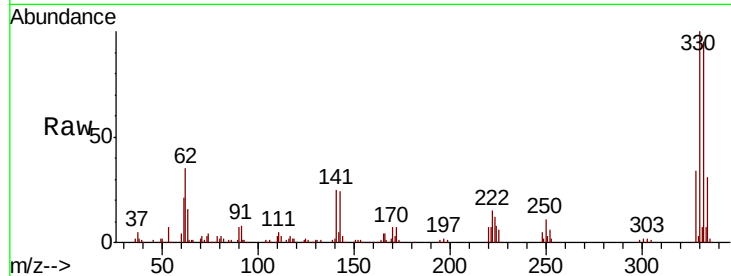
#42
 2,4,6-Tribromophenol
 Concen: 74.869 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121430.D
 Acq: 25 Aug 2020 16:31

Instrument :
 BNA_F
 ClientSampled :
 RO-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	264721		
332	95.4	76.9	115.3	
141	28.6	22.8	34.2	

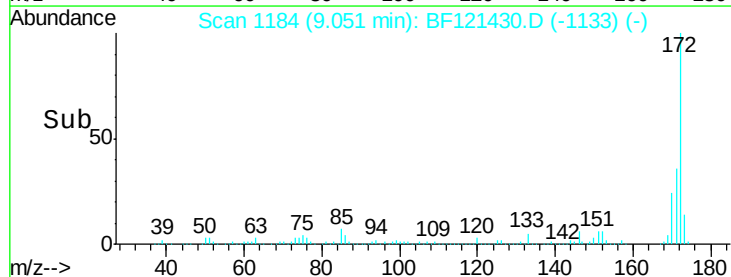
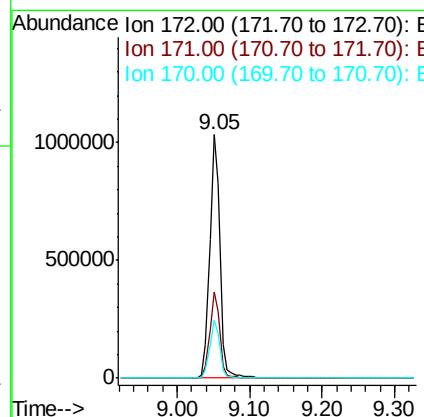
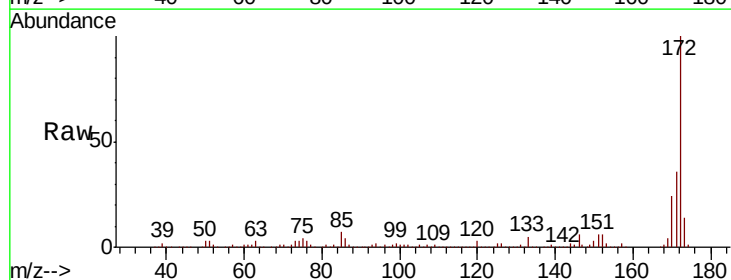
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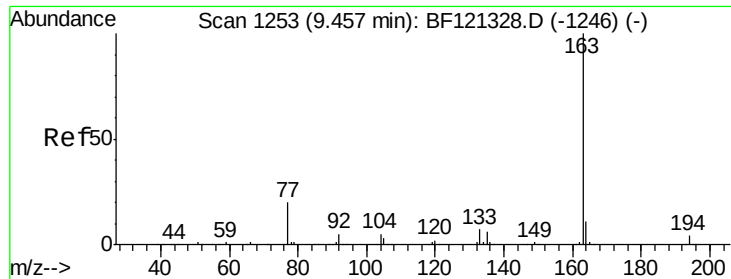
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#45
 2-Fluorobiphenyl
 Concen: 60.678 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121430.D
 Acq: 25 Aug 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1017515		
171	35.6	29.0	43.6	
170	23.9	19.4	29.2	





#50

Dimethylphthalate

Concen: 4.794 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121430.D

Acq: 25 Aug 2020 16:31

Instrument :

BNA_F

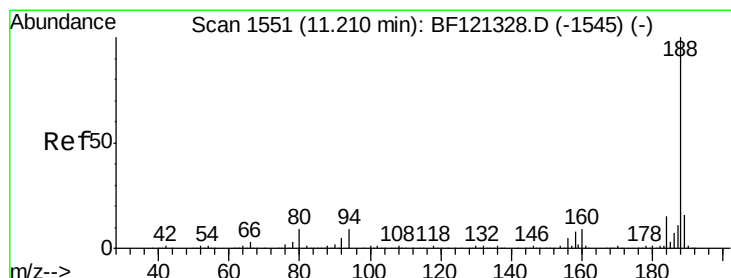
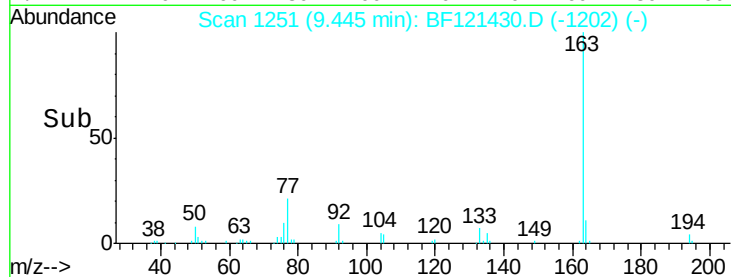
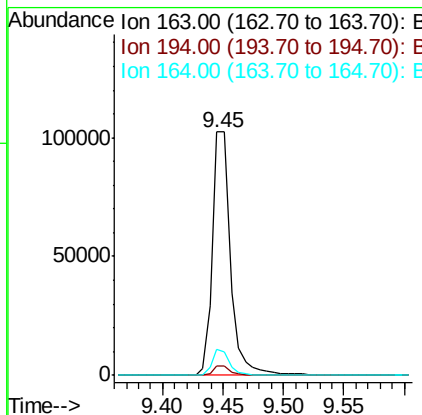
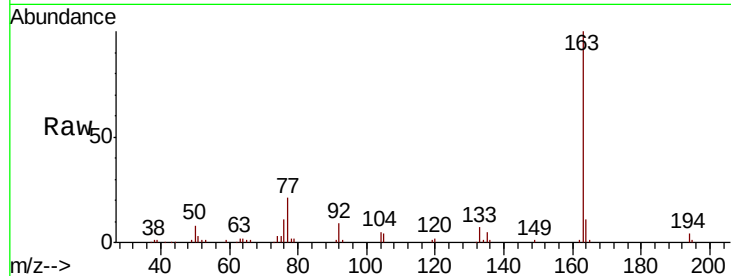
ClientSampleId :

RO-10

Tot Ion:	163	Resp:	105821
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.6
164	10.5	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

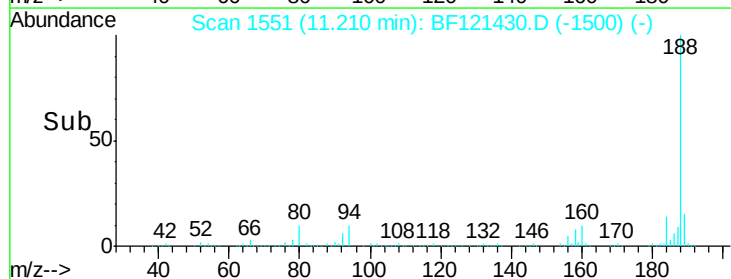
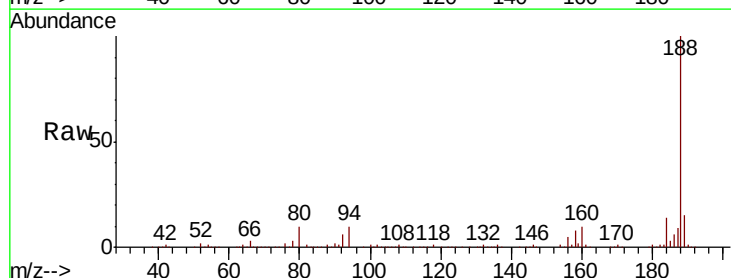
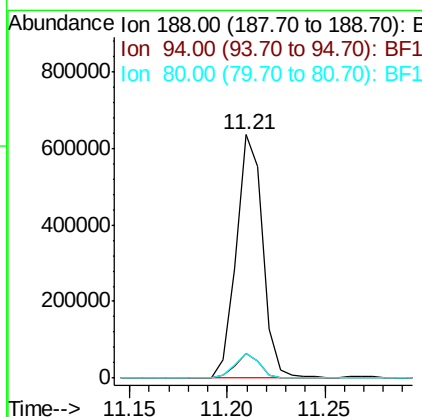
RT: 11.21 min Scan# 1551

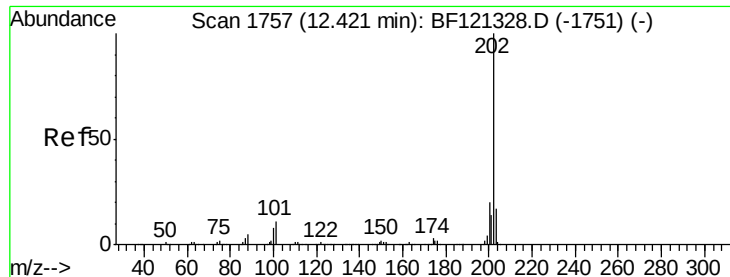
Delta R.T. 0.00 min

Lab File: BF121430.D

Acq: 25 Aug 2020 16:31

Tgt Ion:	188	Resp:	598556
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.2	10.8
80	10.3	7.4	11.0





#75

Fluoranthene

Concen: 4.328 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF121430.D

Acq: 25 Aug 2020 16:31

Instrument :

BNA_F

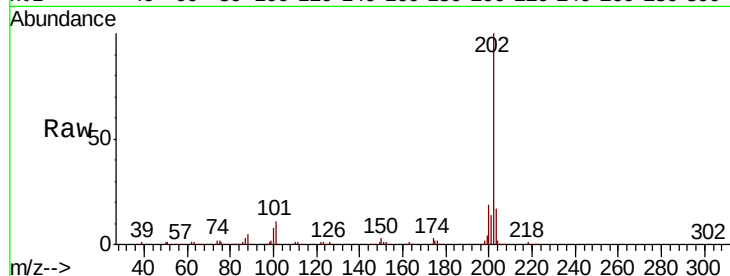
ClientSampleId :

RO-10

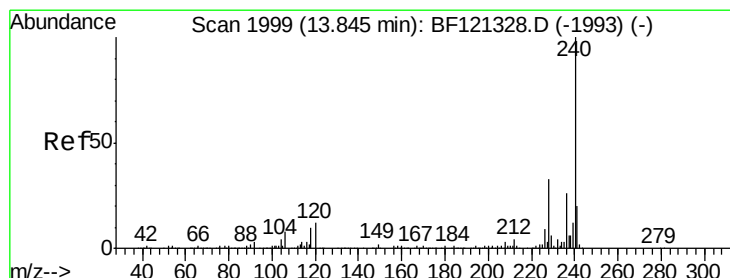
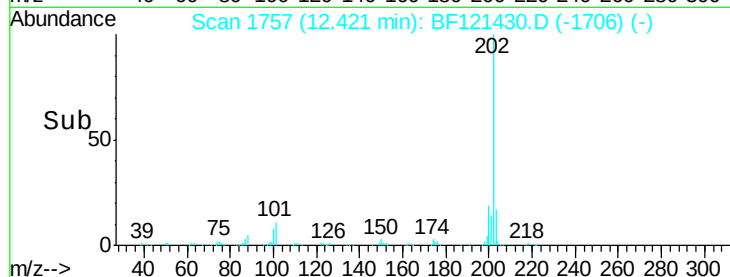
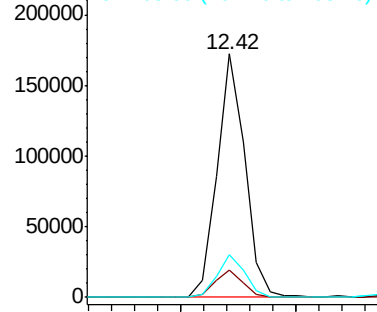
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		145521		
101	11.2	0.0	30.6		
203	17.4	0.0	37.5		

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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

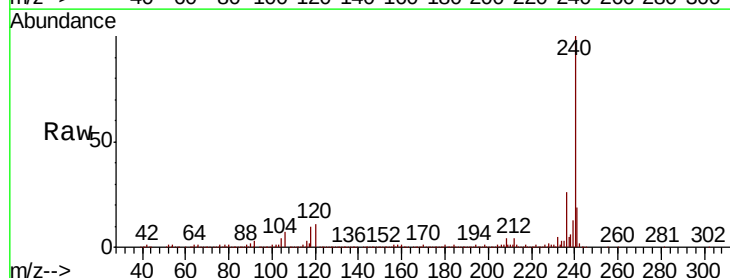
RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

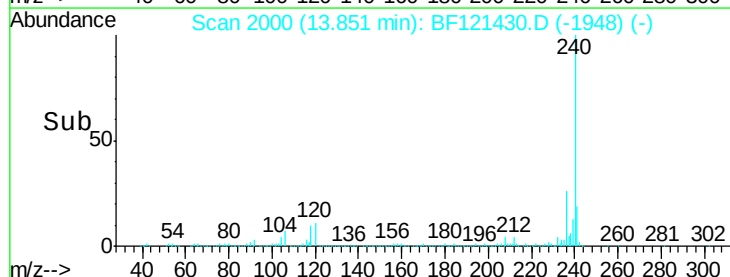
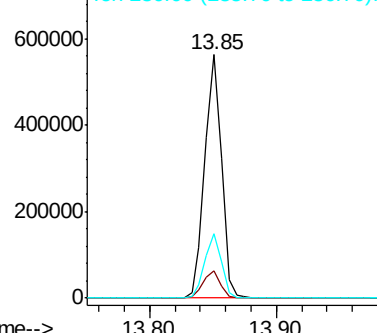
Lab File: BF121430.D

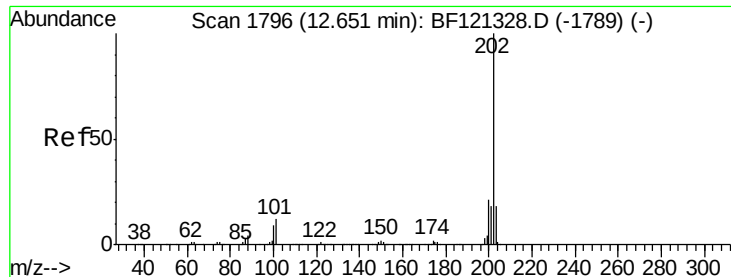
Acq: 25 Aug 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		510675		
120	11.3	9.6	14.4		
236	26.4	20.6	31.0		



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





#78

Pvrene

Concen: 3.357 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF121430.D

Acq: 25 Aug 2020 16:31

Instrument :

BNA_F

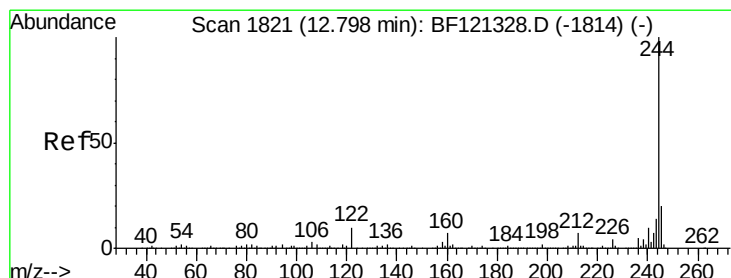
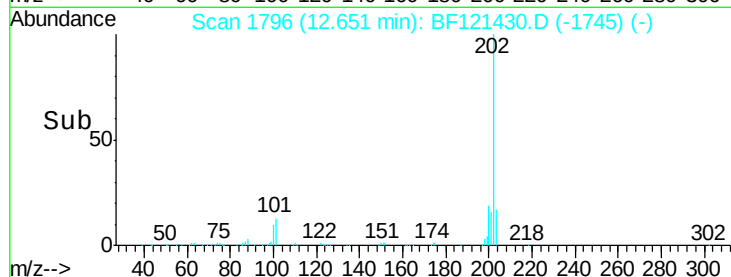
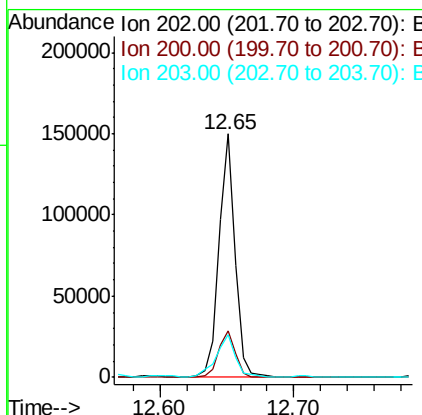
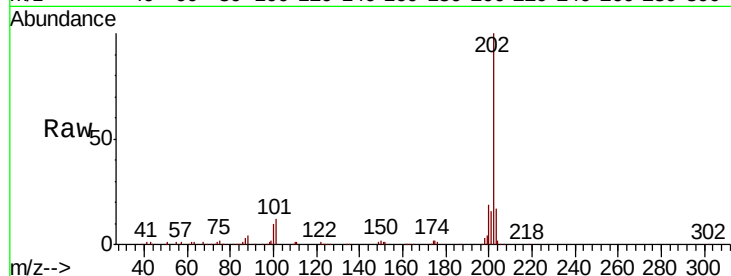
ClientSampleId :

RO-10

Tot Ion:	202	Resp:	128793
Ion Ratio	Lower	Upper	
202	100		
200	19.0	16.6	24.8
203	17.3	14.2	21.2

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#79

Terphenyl-d14

Concen: 40.225 ng

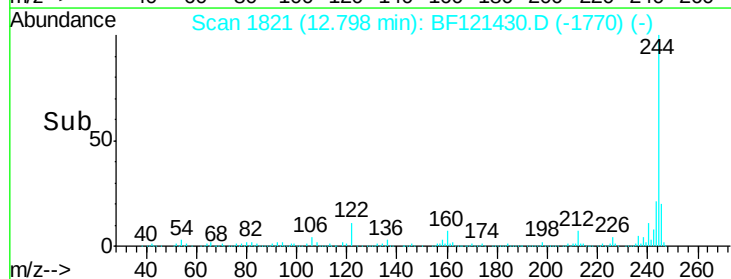
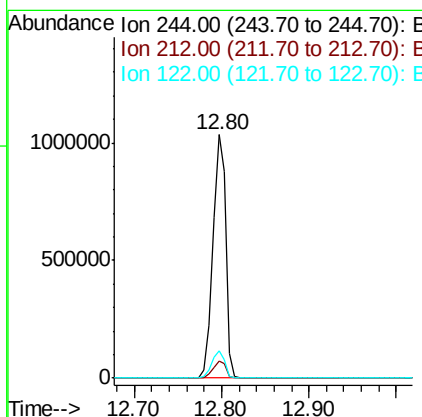
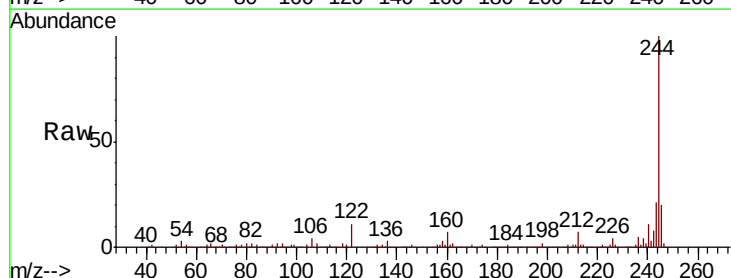
RT: 12.80 min Scan# 1821

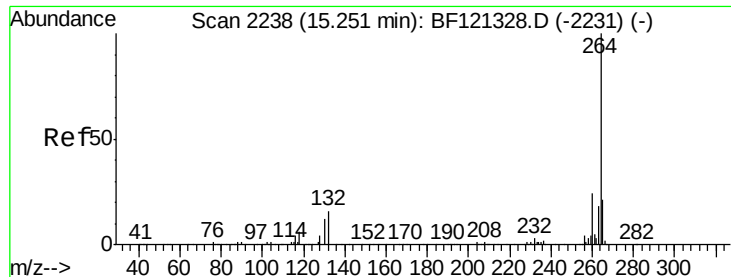
Delta R.T. 0.00 min

Lab File: BF121430.D

Acq: 25 Aug 2020 16:31

Tgt Ion:	244	Resp:	1051190
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.4	7.8	11.8





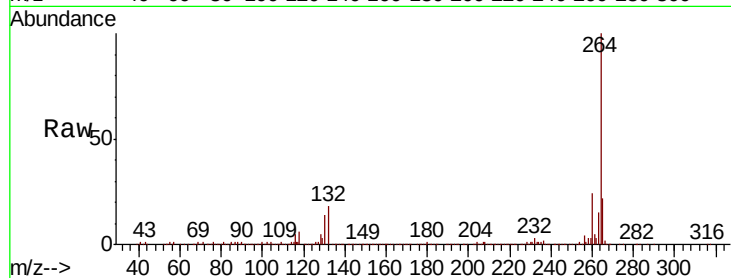
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121430.D
Acq: 25 Aug 2020 16:31

Instrument :
BNA_F
ClientSampled :
RO-10

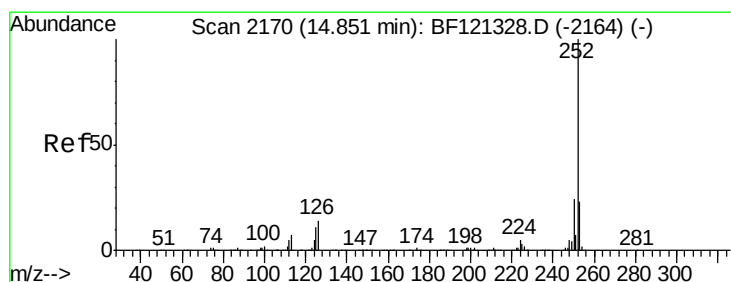
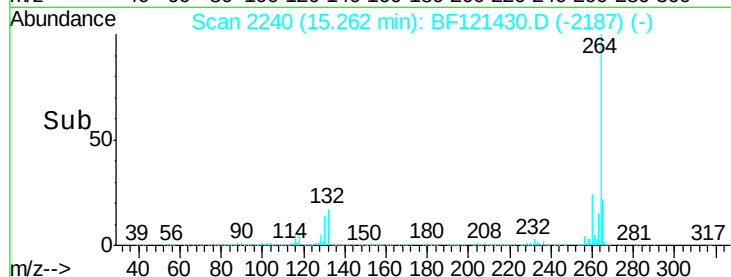
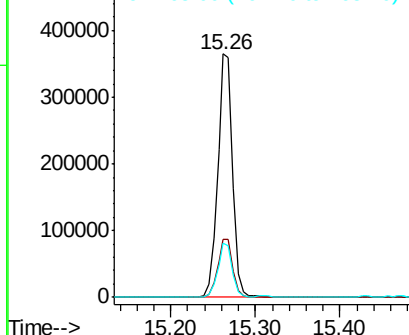
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	17.1	25.7

Manual Integrations
APPROVED

mohammad
8/26/2020 4:00:35 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.309 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF121430.D
Acq: 25 Aug 2020 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	10.9	8.6	12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

