

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121433.D
 Acq On : 25 Aug 2020 18:07
 Operator : JU/CG
 Sample : L3784-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Manual Integrations
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Quant Time: Aug 26 01:14:23 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	145252	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	581217	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	305614	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	603503	20.00	ng	0.00
76) Chrysene-d12	13.85	240	507737	20.00	ng	0.00
86) Perylene-d12	15.27	264	441020	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	695084	78.47	ng	0.01
7) Phenol-d6	6.35	99	844202	74.65	ng	0.00
23) Nitrobenzene-d5	7.26	82	559057	54.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	263855	74.09	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	990743	58.15	ng	0.00
79) Terphenyl-d14	12.80	244	1056284	40.65	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.45	163	116567	5.243	ng	98
71) Phenanthrene	11.23	178	75053	2.403	ng	97
75) Fluoranthene	12.42	202	150502	4.439	ng	99
78) Pyrene	12.65	202	133418	3.498	ng	99
81) Benzo(a)anthracene	13.84	228	76797	2.435	ng	97
83) Chrysene	13.87	228	68315	2.118	ng	97
88) Benzo(b)fluoranthene	14.86	252	87766m	3.080	ng	
90) Benzo(a)pyrene	15.20	252	53656	2.180	ng	98

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

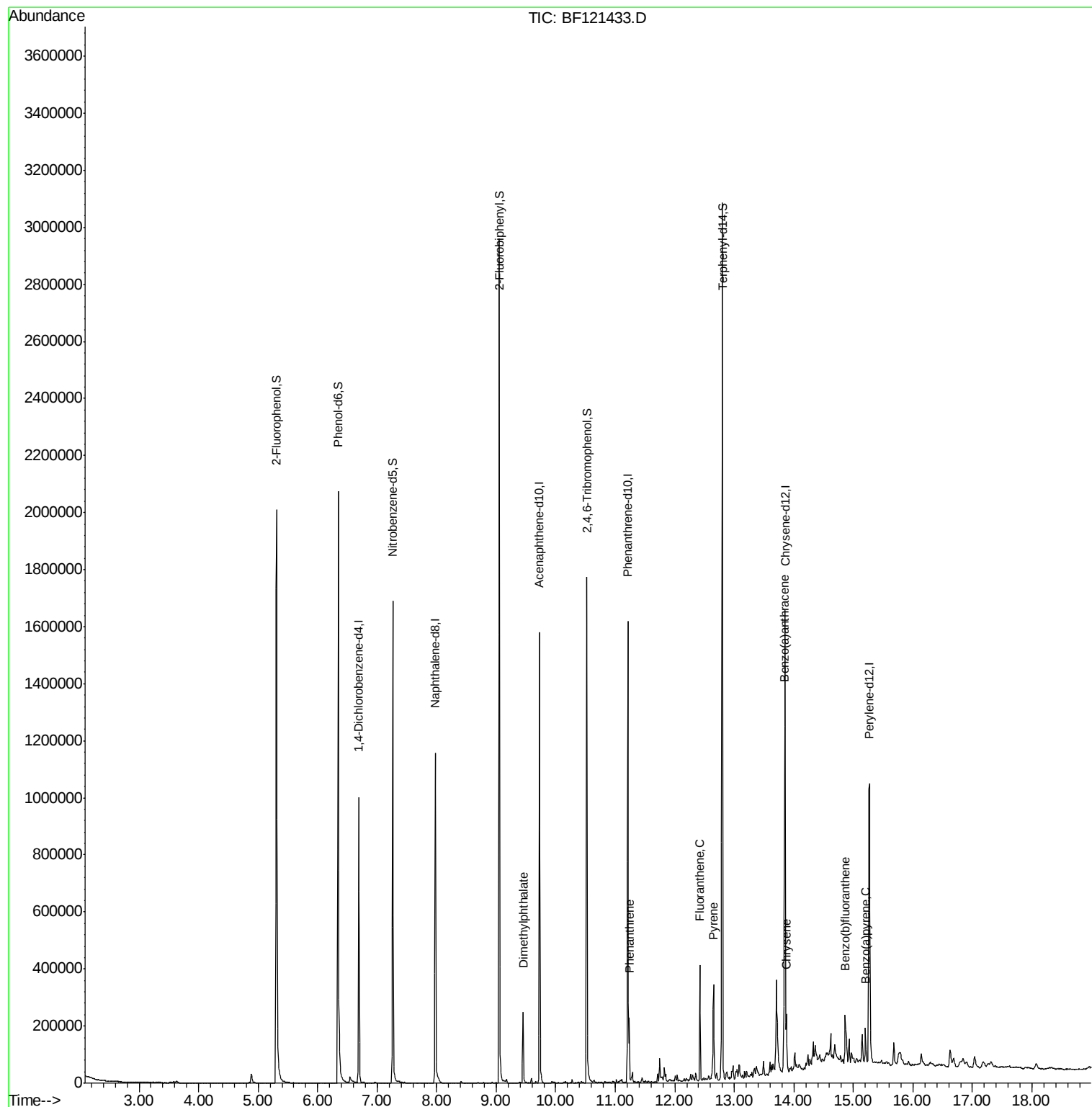
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121433.D
Acq On : 25 Aug 2020 18:07
Operator : JU/CG
Sample : L3784-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

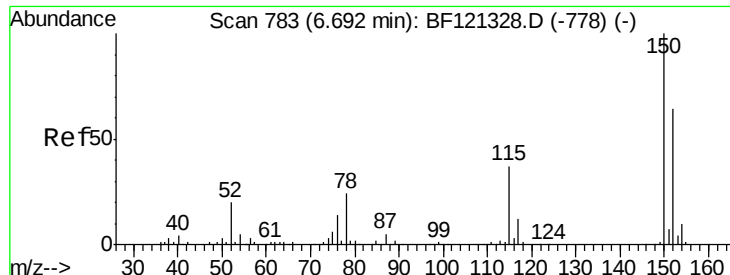
Instrument :
BNA_F
ClientSampleId :
RO-06

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Quant Time: Aug 26 01:14:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

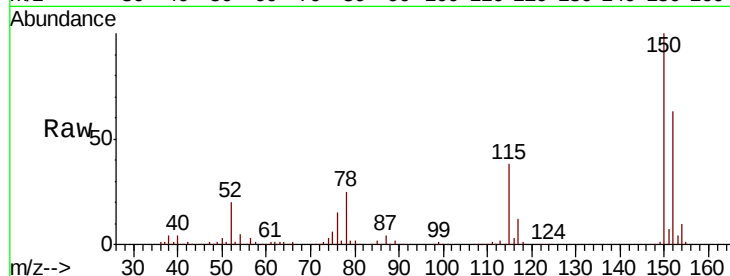
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Instrument :
BNA_F
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.8	187.2
115	59.5	46.1	69.1

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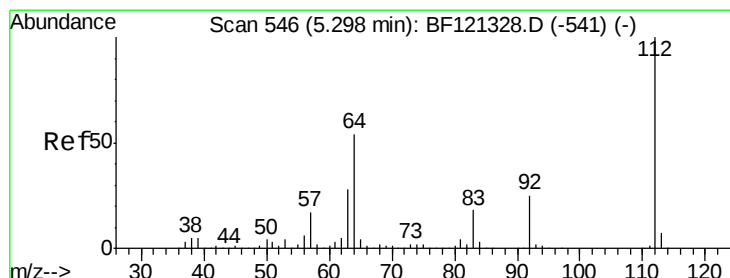
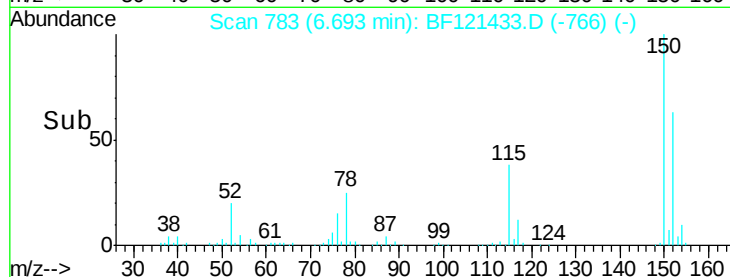
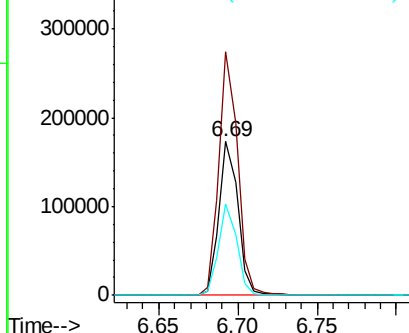


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

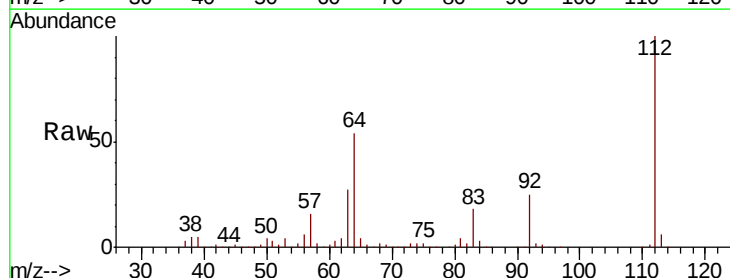
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.467 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.5	65.3
63	27.4	22.0	33.0

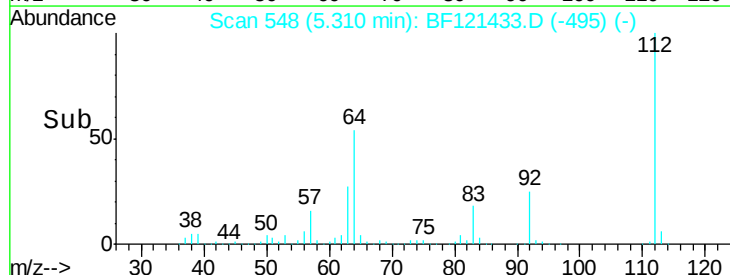
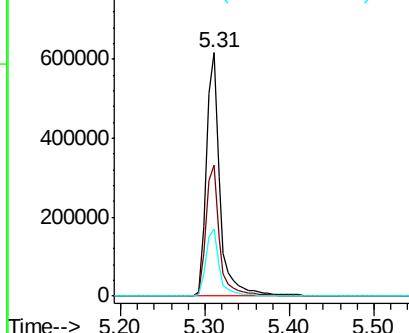


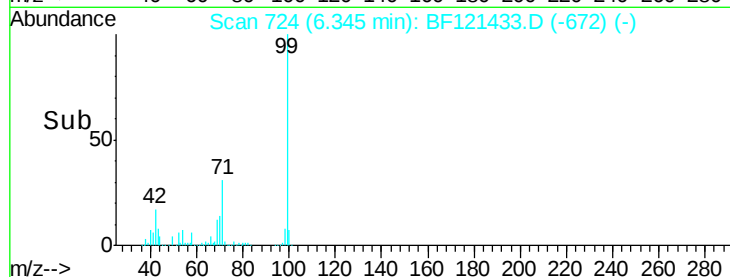
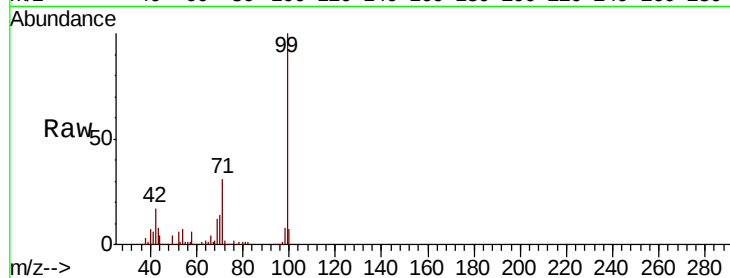
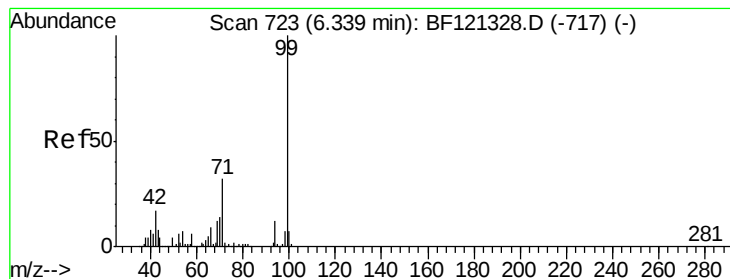
Abundance

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: 74.653 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121433.D

Acq: 25 Aug 2020 18:07

Tot Ion:	99	Resp:	844202
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.5	20.3
71	30.7	25.2	37.8

Instrument :

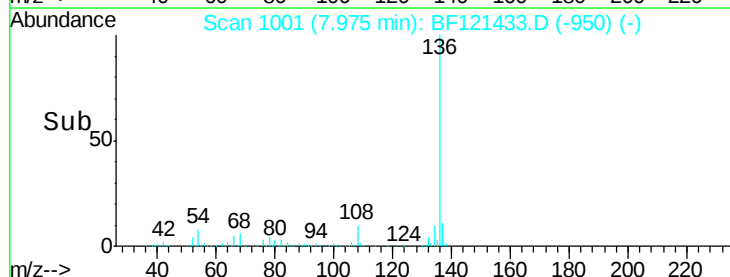
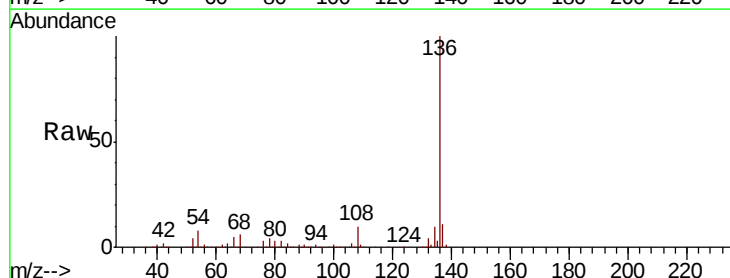
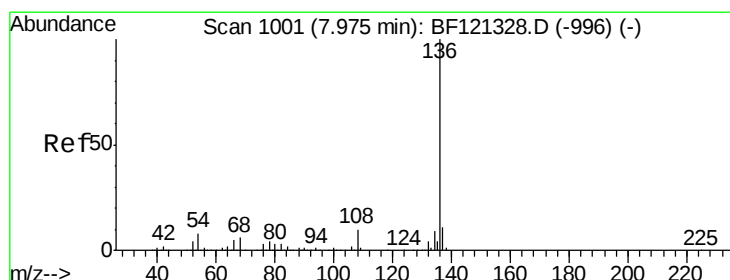
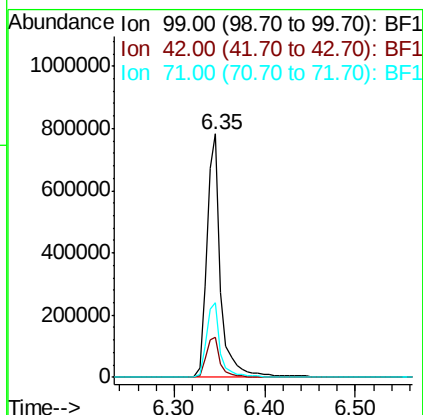
BNA_F

ClientSampled :

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#21

Naphthalene-d8

Concen: 20.000 ng

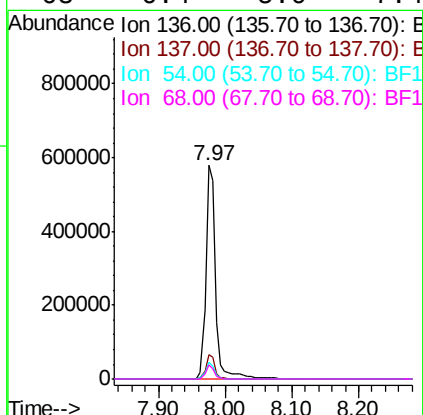
RT: 7.97 min Scan# 1001

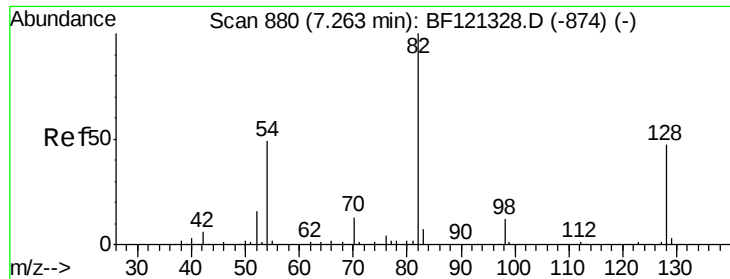
Delta R.T. 0.00 min

Lab File: BF121433.D

Acq: 25 Aug 2020 18:07

Tgt Ion:	136	Resp:	581217
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	7.9	6.1	9.1
68	6.4	5.0	7.4





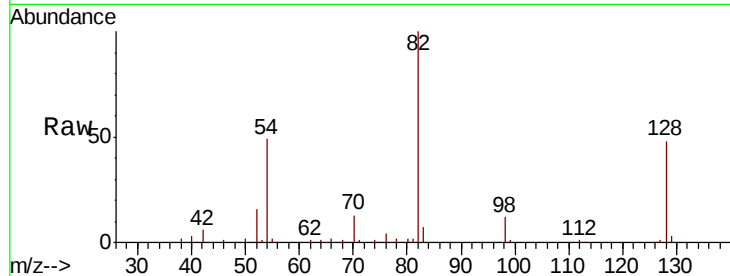
#23
Nitrobenzene-d5
Concen: 54.400 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Instrument :
BNA_F
ClientSampled :
RO-06

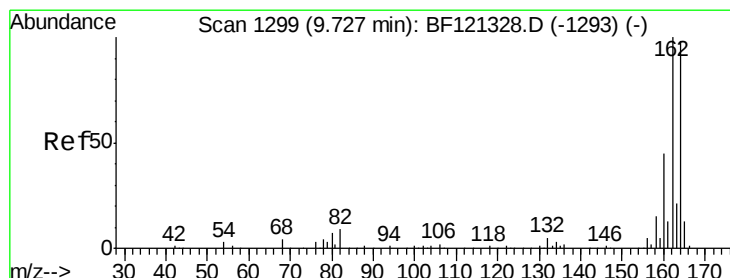
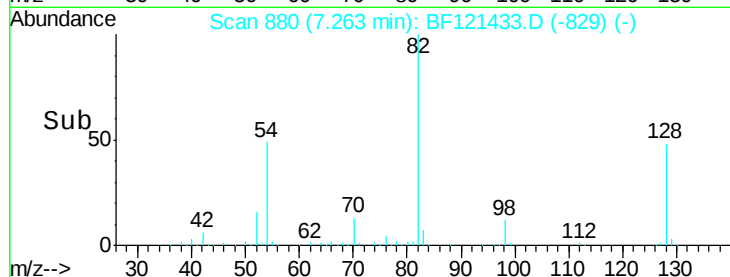
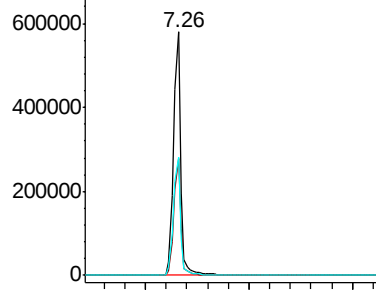
Tot Ion:	82	Resp:	559057
Ion Ratio	Lower	Upper	
82	100		
128	48.0	37.9	56.9
54	48.5	39.0	58.4

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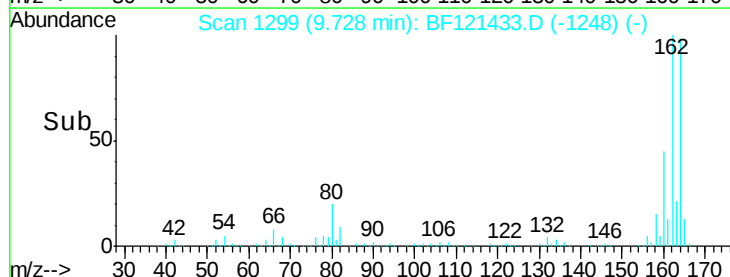
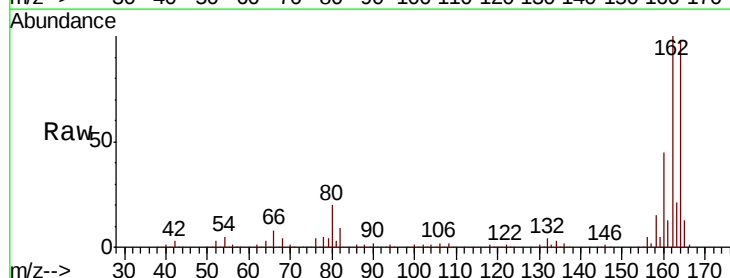
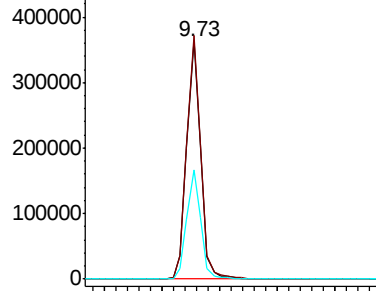
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

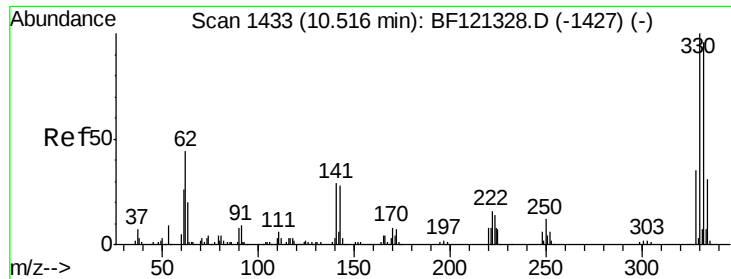


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Tgt Ion:	164	Resp:	305614
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.7	122.5
160	46.0	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





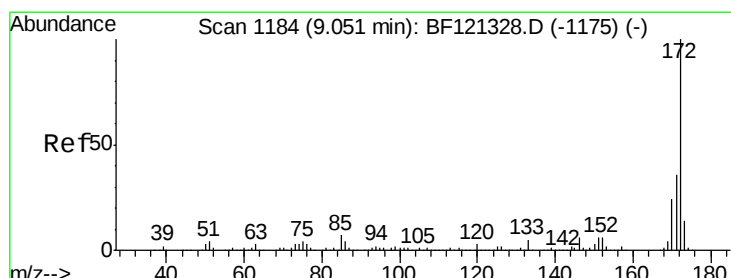
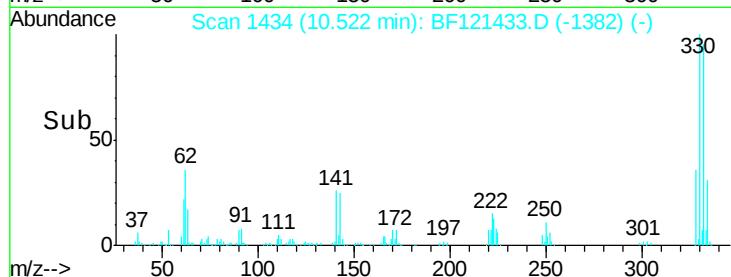
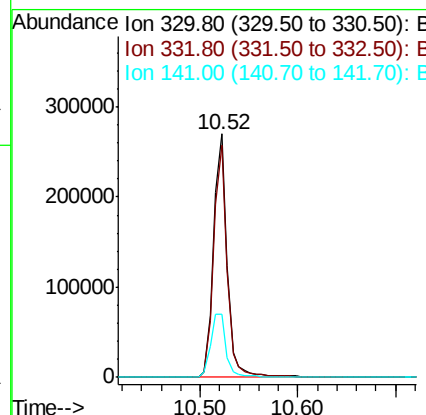
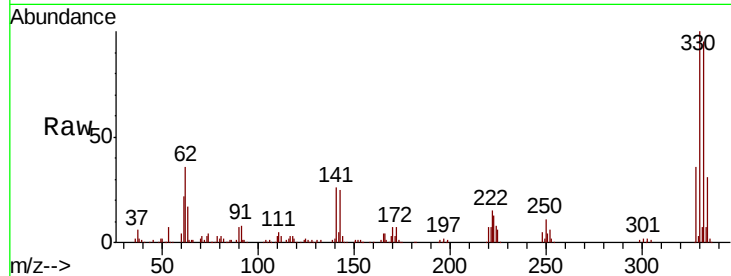
#42
 2,4,6-Tribromophenol
 Concen: 74.088 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121433.D
 Acq: 25 Aug 2020 18:07

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Tot Ion	Ratio	Resp	Lower	Upper
330	100	263855		
332	95.2	76.9	115.3	
141	29.5	22.8	34.2	

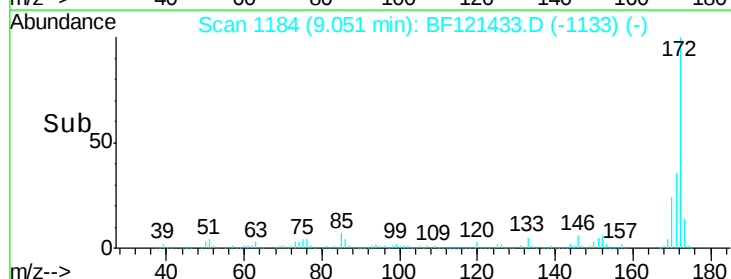
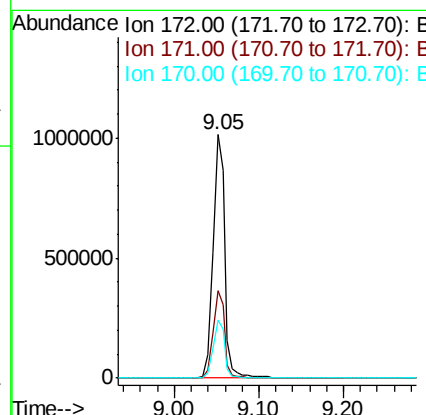
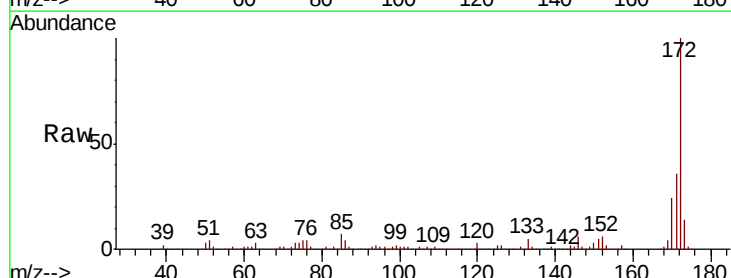
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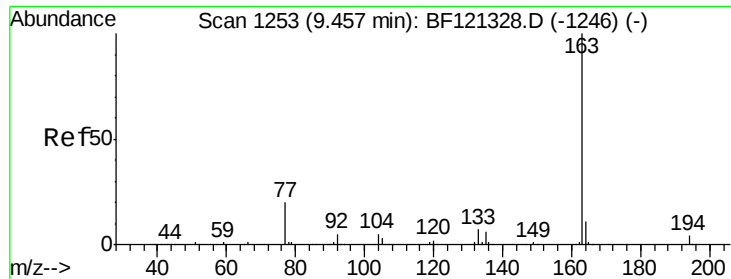
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#45
 2-Fluorobiphenyl
 Concen: 58.149 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121433.D
 Acq: 25 Aug 2020 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	990743		
171	35.8	29.0	43.6	
170	24.0	19.4	29.2	





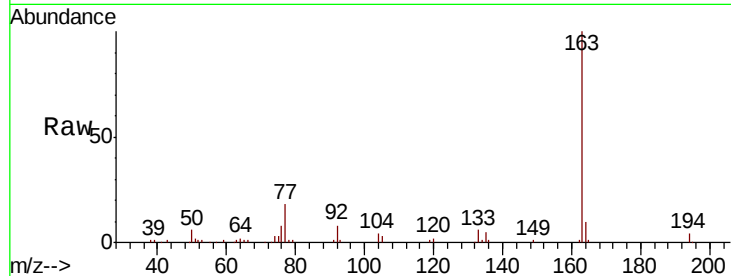
#50
Dimethylphthalate
Concen: 5.243 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Instrument :
BNA_F
ClientSampleId :
RO-06

Tot Ion	Ratio	Resp	Lower	Upper
163	100	116567		
194	3.9		3.0	4.6
164	9.6		8.4	12.6

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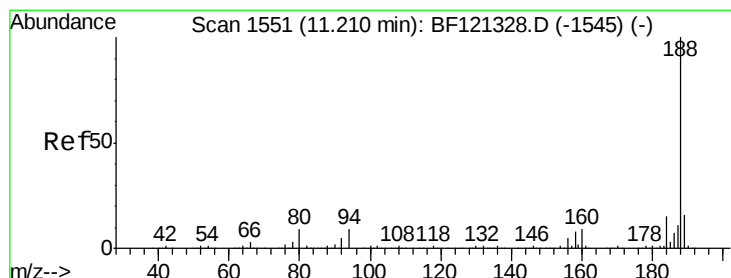
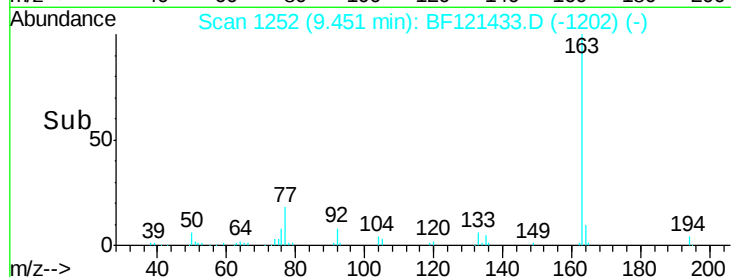
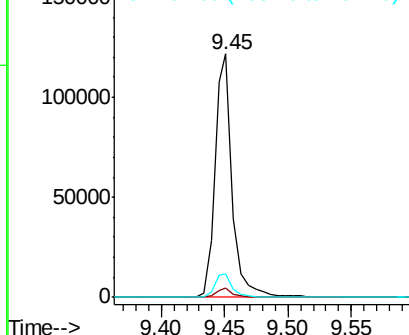


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

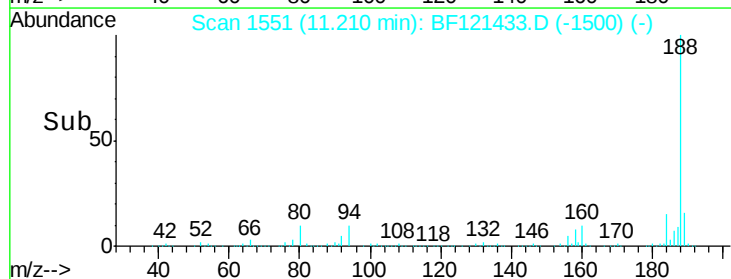
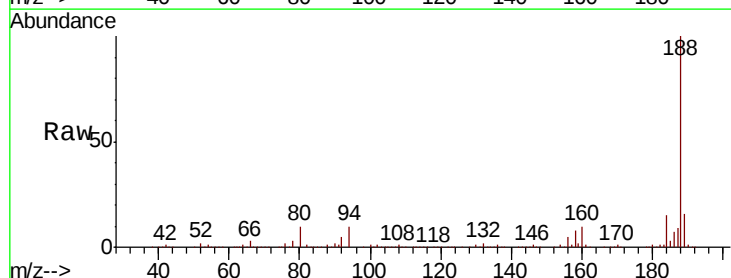
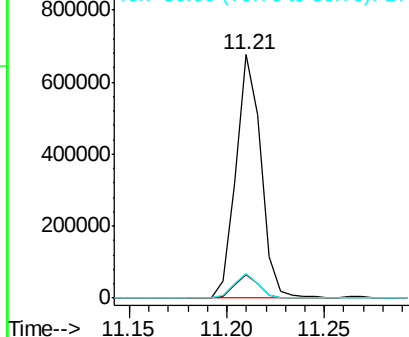
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	603503		
94	9.8		7.2	10.8
80	10.2		7.4	11.0

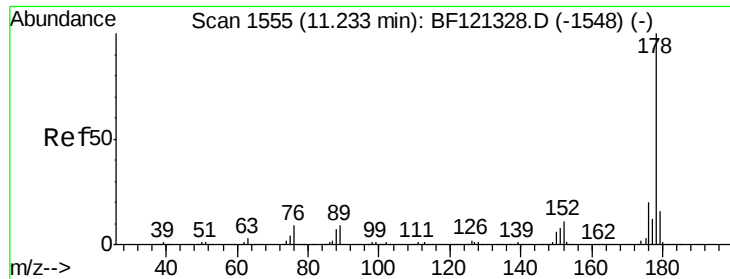
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





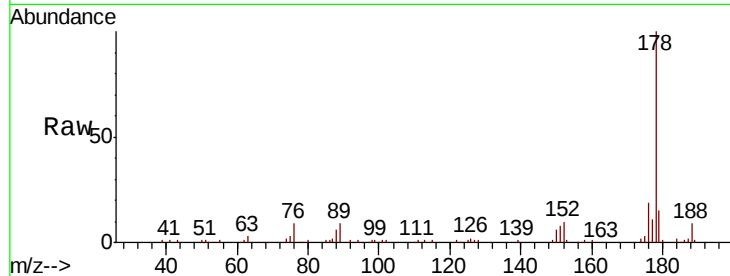
#71
Phenanthrene
Concen: 2.403 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Instrument :
BNA_F
ClientSampleId :
RO-06

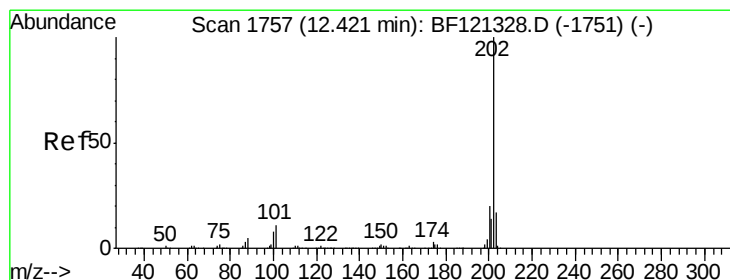
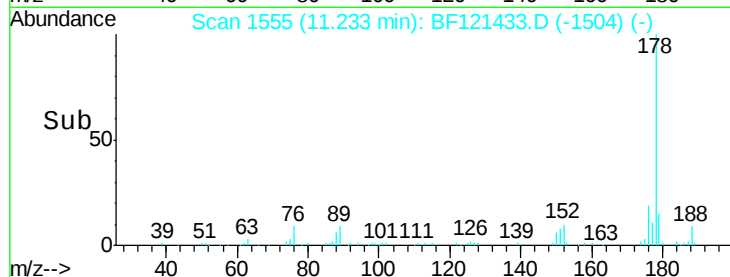
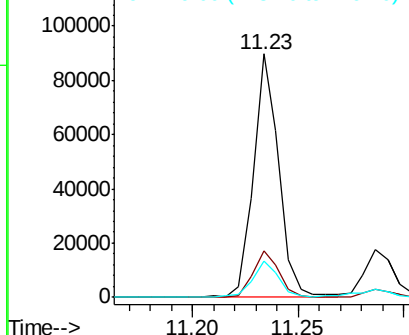
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	14.8	12.8	19.2

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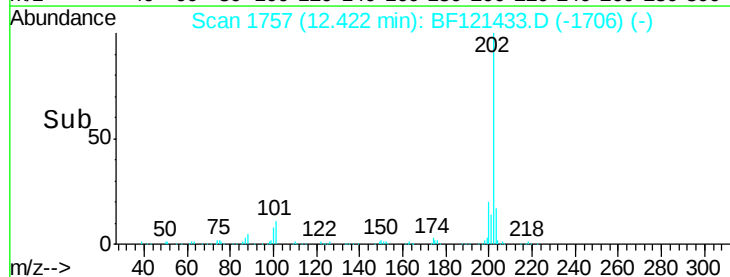
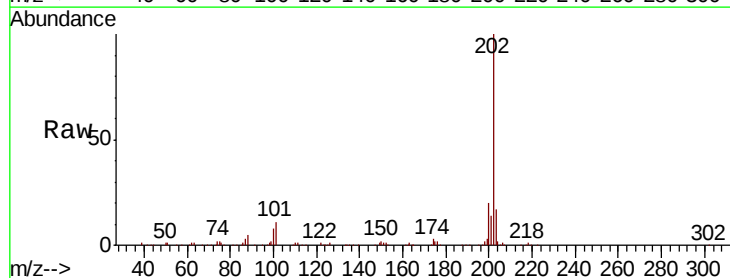
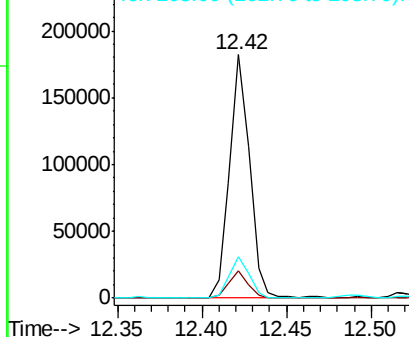
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

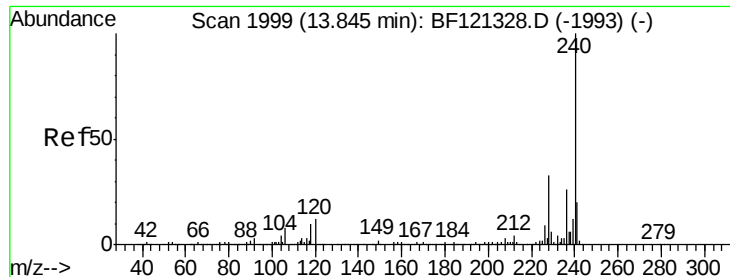


#75
Fluoranthene
Concen: 4.439 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.6
203	17.2	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: BF121433.D

Acq: 25 Aug 2020 18:07

Instrument :

BNA_F

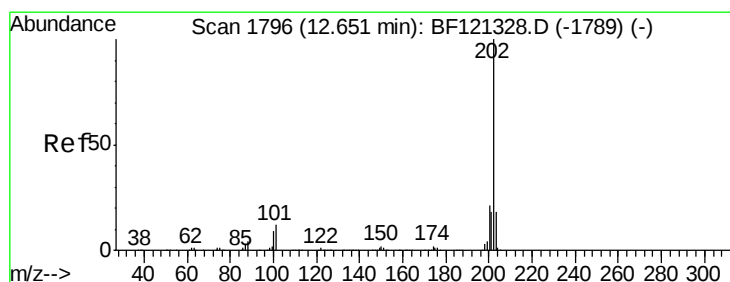
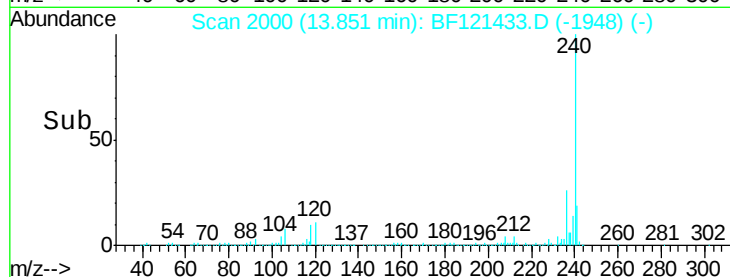
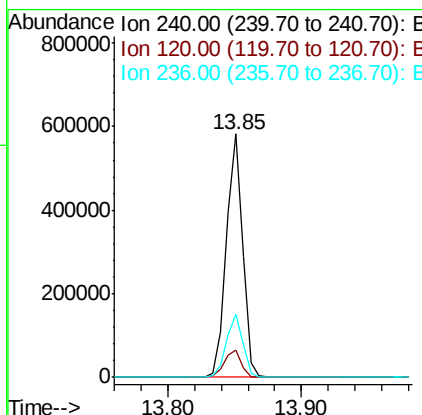
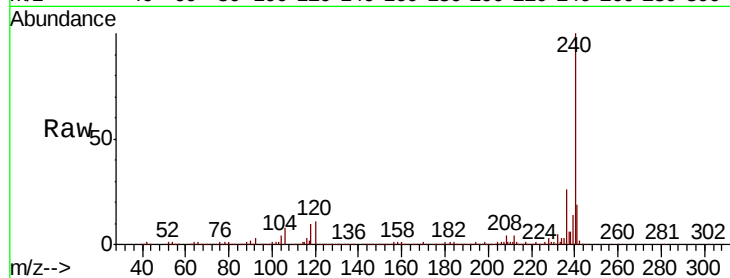
ClientSampleId :

RO-06

Tot Ion:	240	Resp:	507737
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.6	14.4
236	26.1	20.6	31.0

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#78

Pyrene

Concen: 3.498 ng

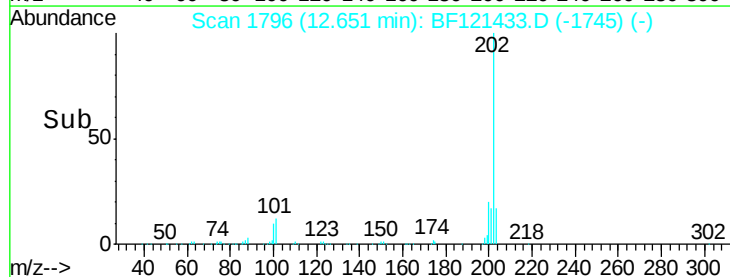
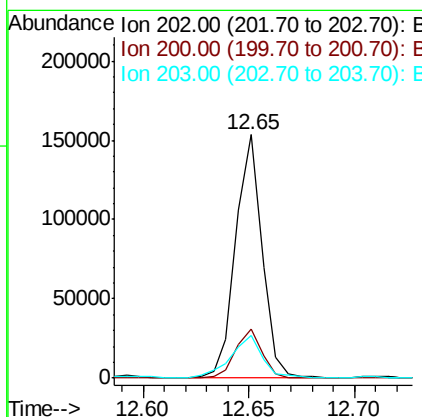
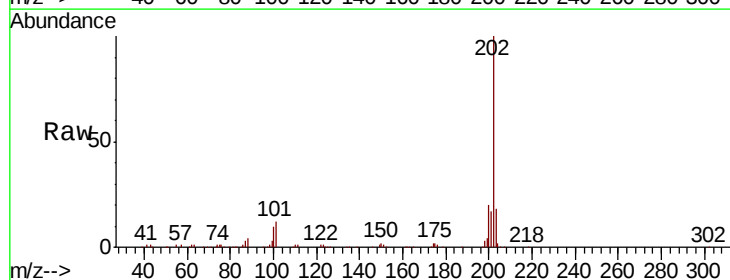
RT: 12.65 min Scan# 1796

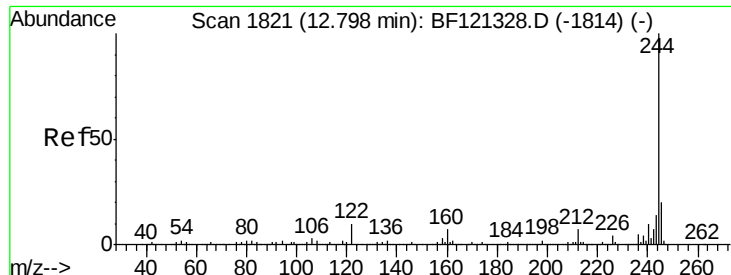
Delta R.T. 0.00 min

Lab File: BF121433.D

Acq: 25 Aug 2020 18:07

Tgt Ion:	202	Resp:	133418
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.6	24.8
203	17.6	14.2	21.2





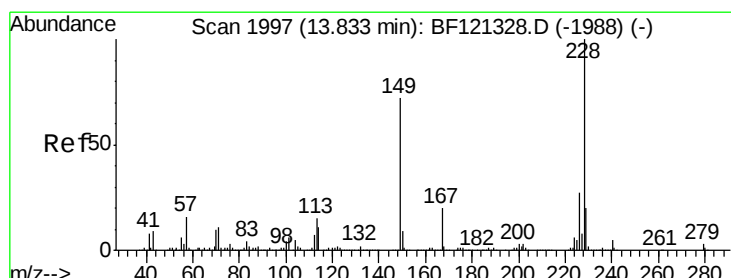
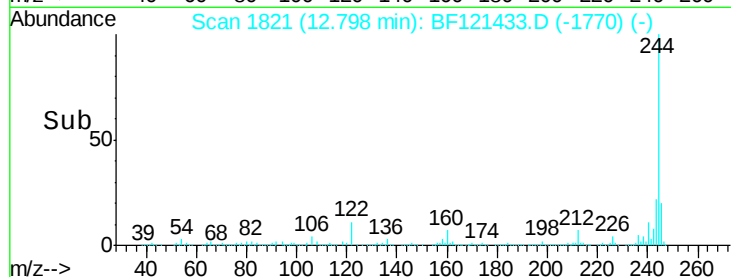
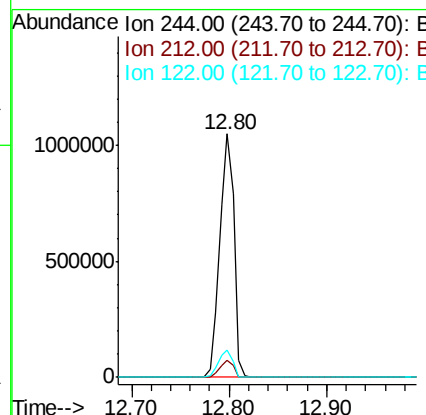
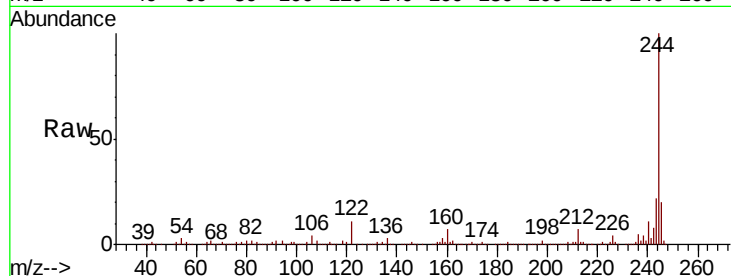
#79
 Terphenyl-d14
 Concen: 40.654 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121433.D
 Acq: 25 Aug 2020 18:07

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.0	7.8	11.8

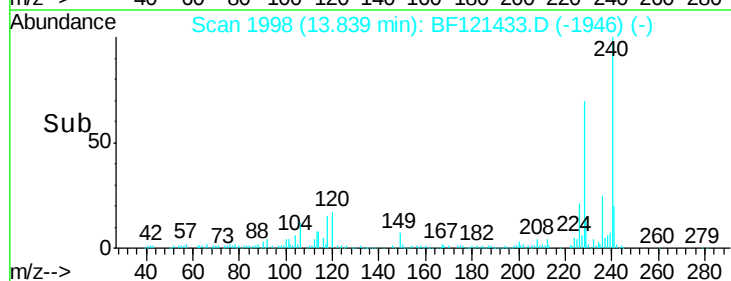
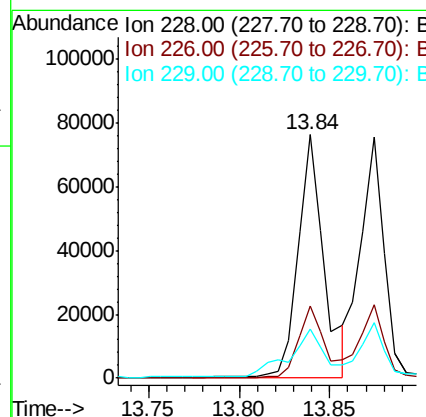
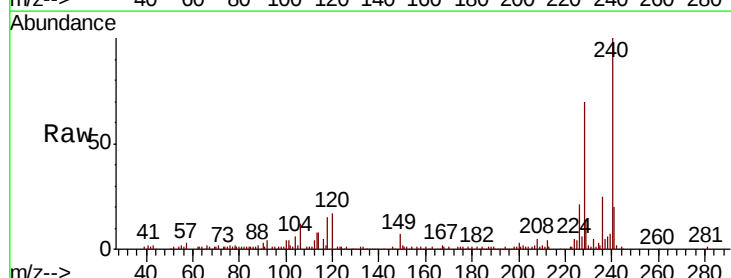
Manual Integrations
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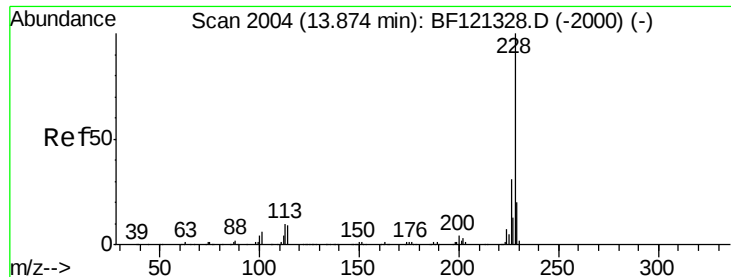
mohammad
 8/26/2020 4:00:54 PM



#81
 Benzo(a)anthracene
 Concen: 2.435 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121433.D
 Acq: 25 Aug 2020 18:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.8	32.6
229	20.3	15.8	23.8





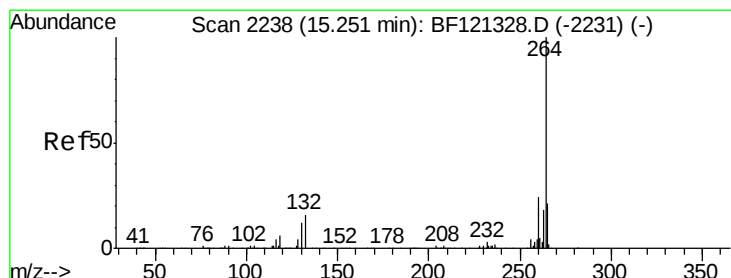
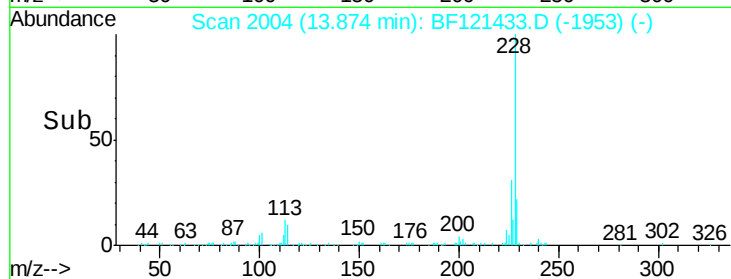
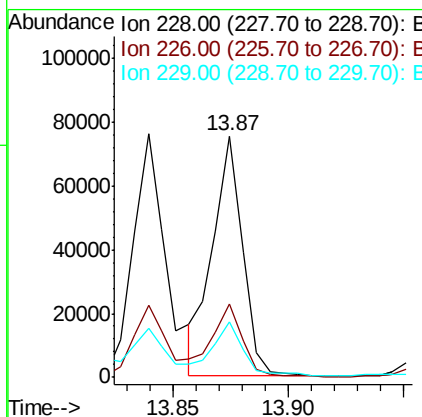
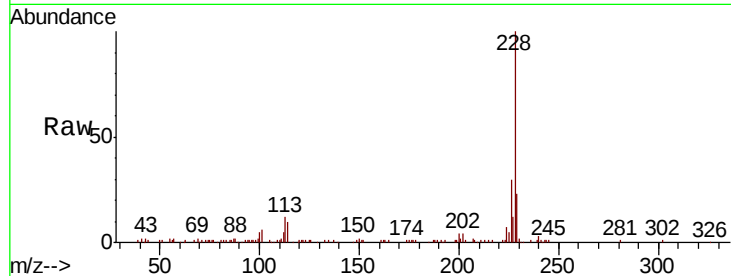
#83
Chrysene
Concen: 2.118 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Instrument :
BNA_F
ClientSampled :
RO-06

Tot Ion:	228	Resp:	68315
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.6	36.8
229	22.8	15.9	23.9

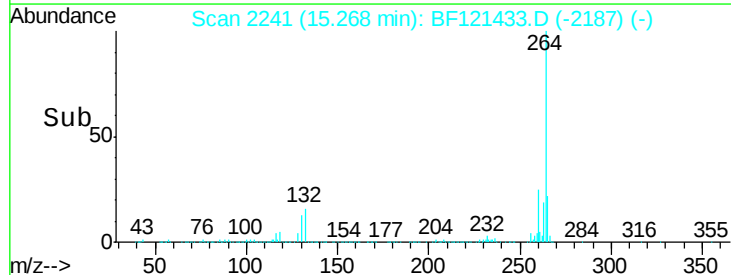
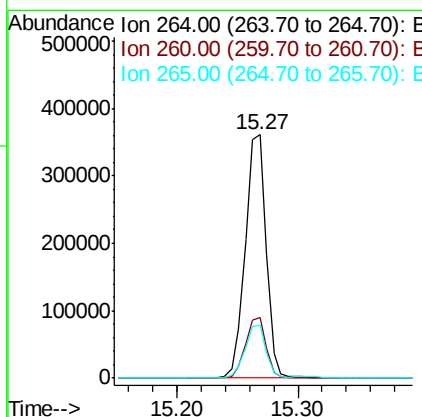
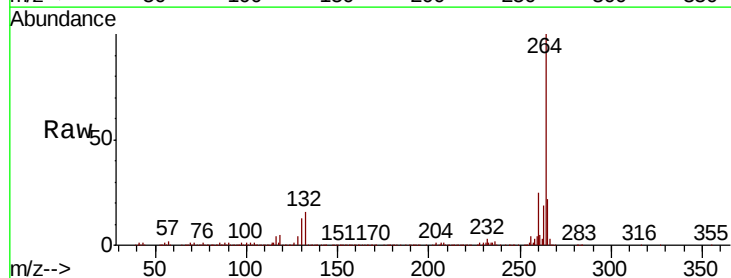
Manual Integrations
APPROVED

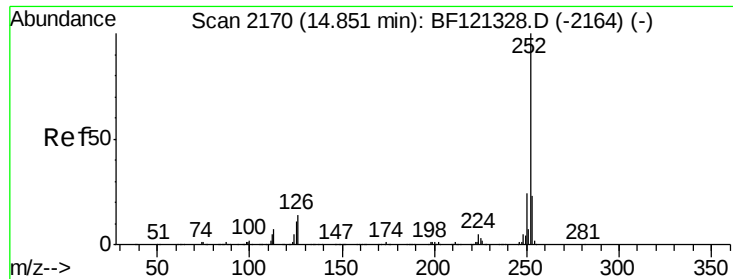
mohammad
8/26/2020 4:00:54 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Tgt Ion:	264	Resp:	441020
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	21.7	17.1	25.7





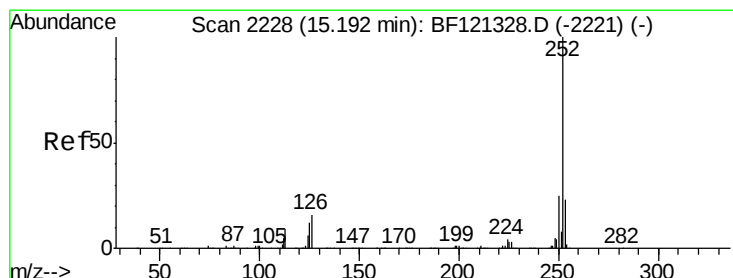
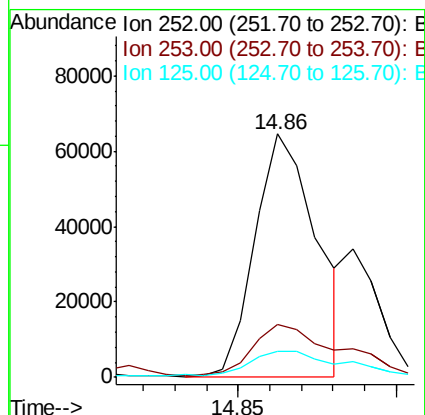
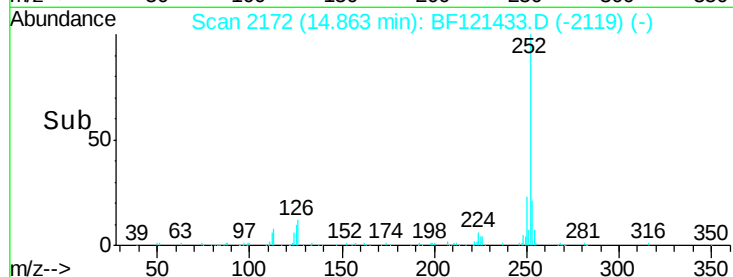
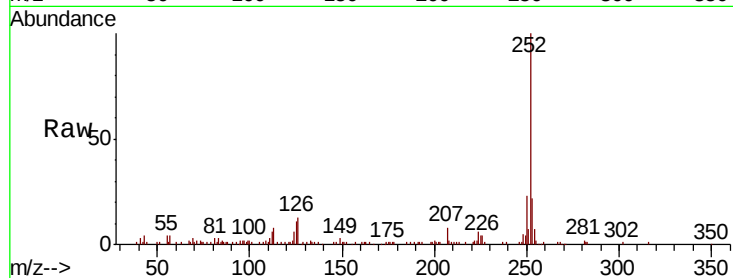
#88
Benzo(b)fluoranthene
Concen: 3.080 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Instrument :
BNA_F
ClientSampled :
RO-06

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.9	8.6	12.8

Manual Integrations
APPROVED

mohammad
8/26/2020 4:00:54 PM



#90
Benzo(a)pyrene
Concen: 2.180 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF121433.D
Acq: 25 Aug 2020 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	12.1	9.4	14.0

