

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121428.D
 Acq On : 25 Aug 2020 15:27
 Operator : JU/CG
 Sample : L3785-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-09

Manual Integrations
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mohammad
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Quant Time: Aug 25 16:30:28 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	137028	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	550616	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	286453	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	559667	20.00	ng	0.00
76) Chrysene-d12	13.85	240	496885	20.00	ng	0.00
86) Perylene-d12	15.27	264	462761	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	629390	75.32	ng	0.01
7) Phenol-d6	6.35	99	767818	71.97	ng	0.00
23) Nitrobenzene-d5	7.26	82	502117	51.57	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	233400	69.92	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	864724	53.10	ng	0.00
79) Terphenyl-d14	12.80	244	897884	35.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	242511	11.637	ng	98
71) Phenanthrene	11.23	178	161458	5.574	ng	98
75) Fluoranthene	12.42	202	270215	8.595	ng	98
78) Pyrene	12.65	202	231159	6.193	ng	99
81) Benzo(a)anthracene	13.84	228	97410	3.156	ng	99
83) Chrysene	13.87	228	94016	2.979	ng	97
88) Benzo(b)fluoranthene	14.86	252	104850m	3.507	ng	
90) Benzo(a)pyrene	15.20	252	61368	2.376	ng	99

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

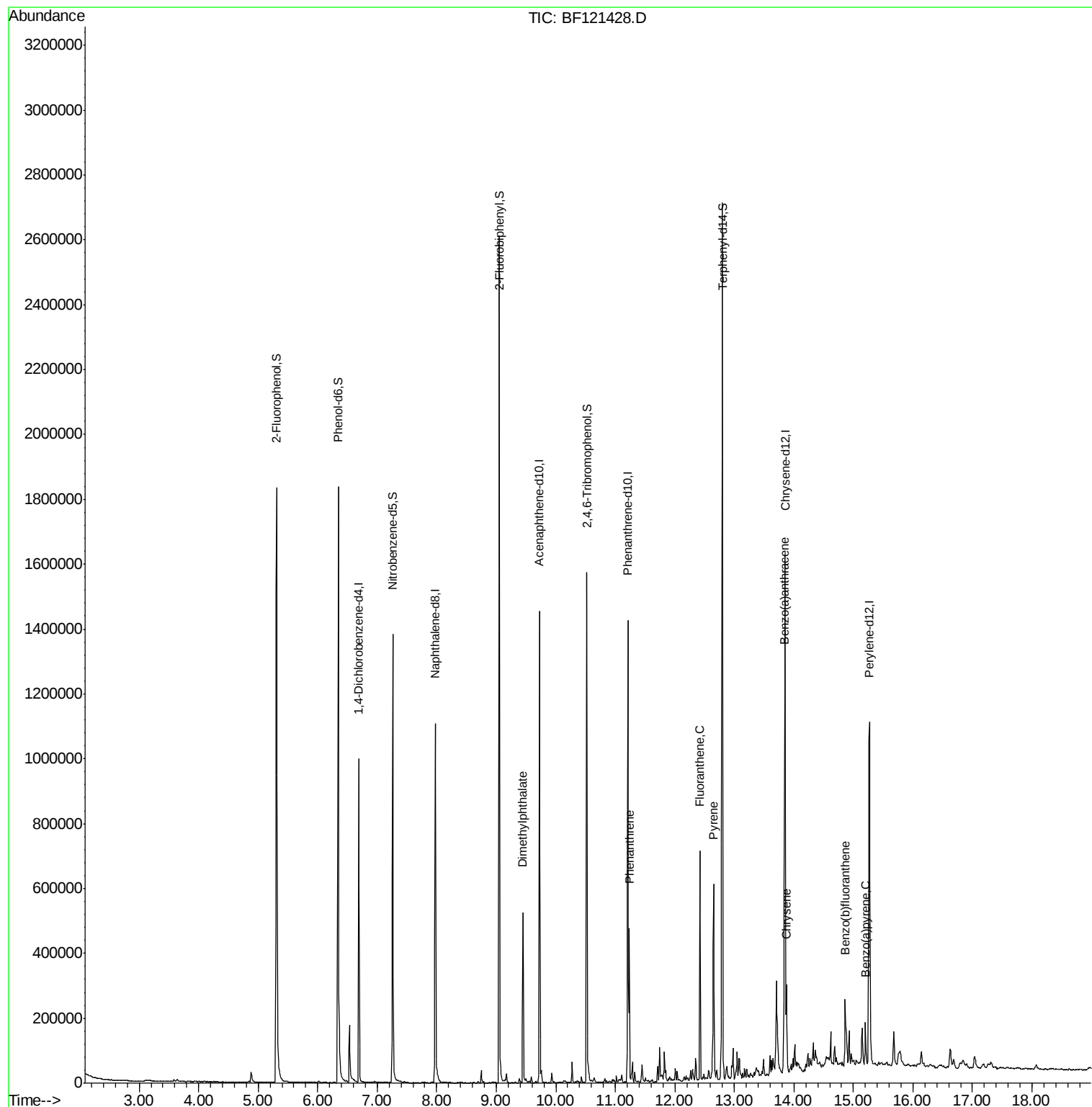
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121428.D
Acq On : 25 Aug 2020 15:27
Operator : JU/CG
Sample : L3785-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

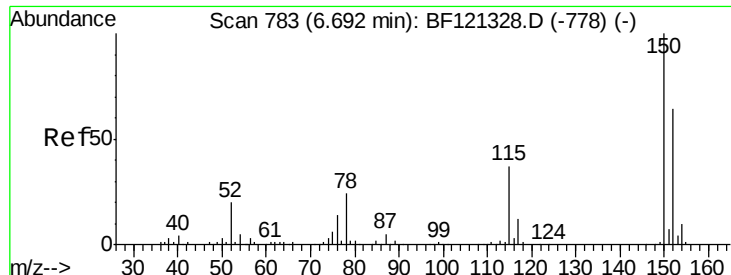
Instrument :
BNA_F
ClientSampleId :
CHRT-09

Quant Time: Aug 25 16:30:28 2020
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#1

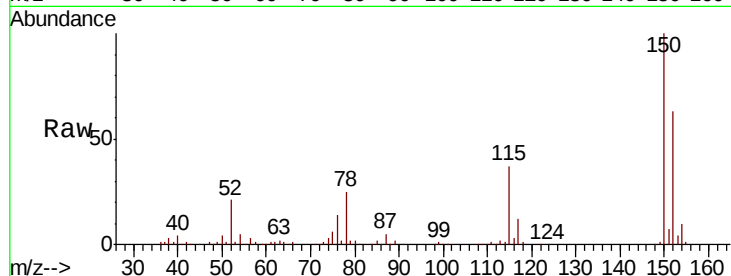
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
CHRT-09

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.8	187.2
115	59.2	46.1	69.1

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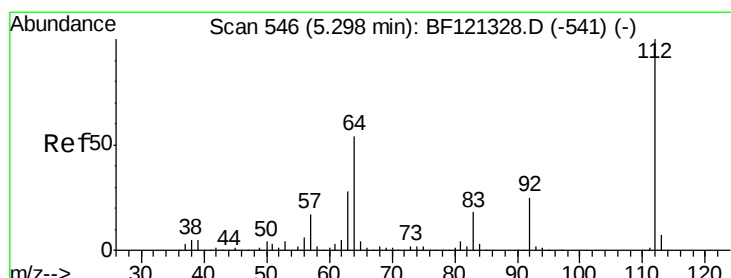
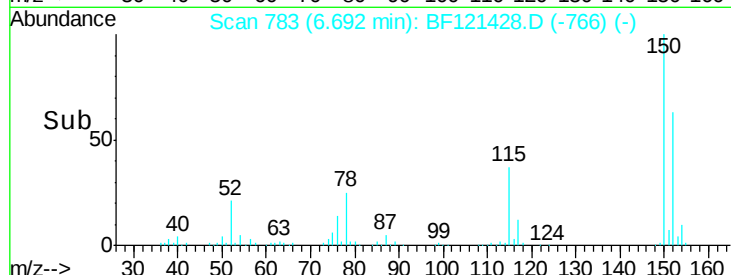
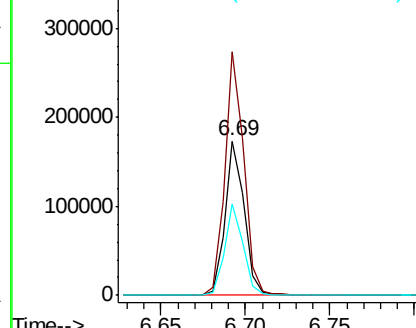


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

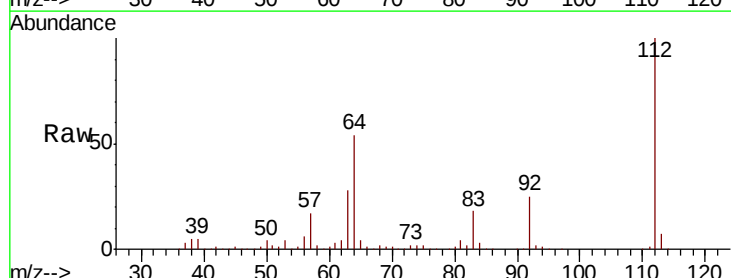
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.315 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.5	65.3
63	27.7	22.0	33.0

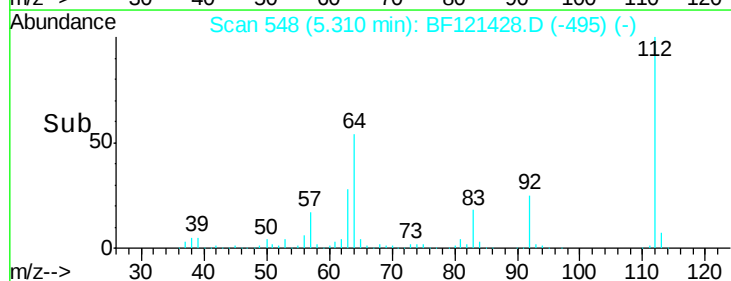
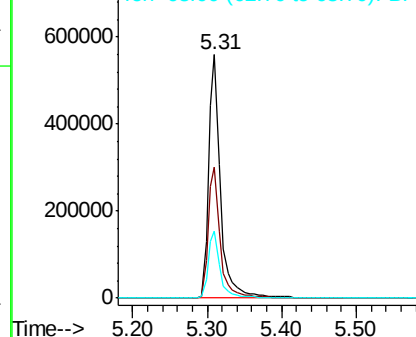


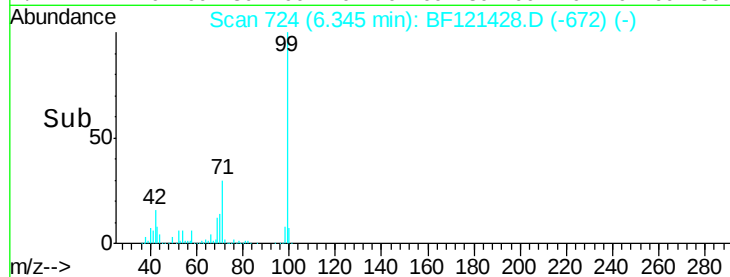
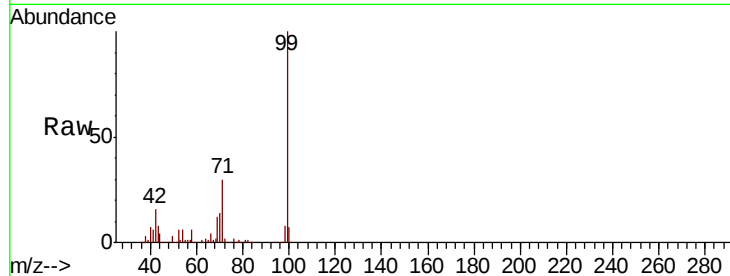
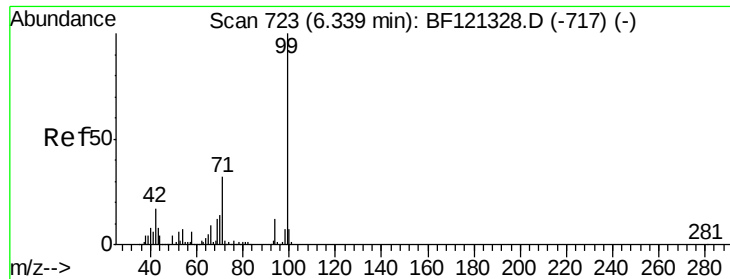
Abundance

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: 71.973 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121428.D

Acq: 25 Aug 2020 15:27

Tot Ion:	99	Resp:	767818
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	30.2	25.2	37.8

Instrument :

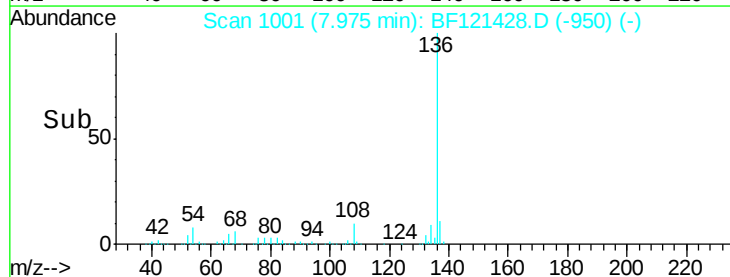
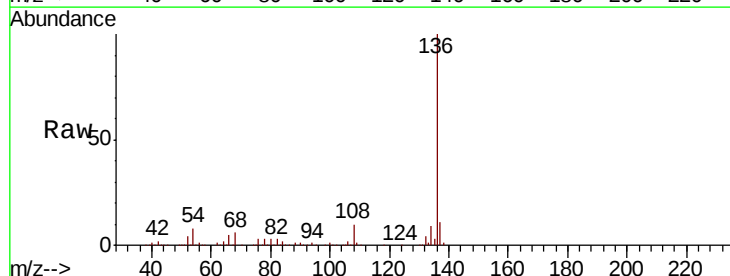
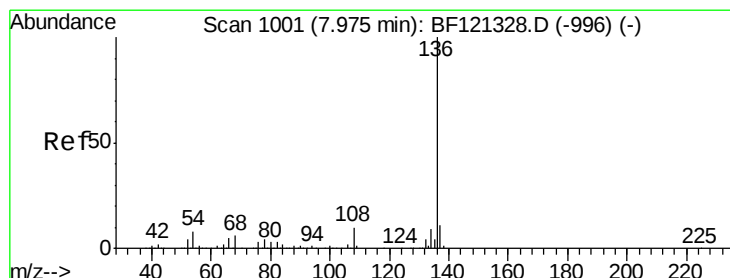
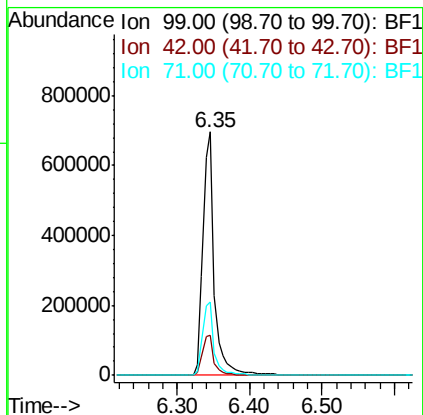
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

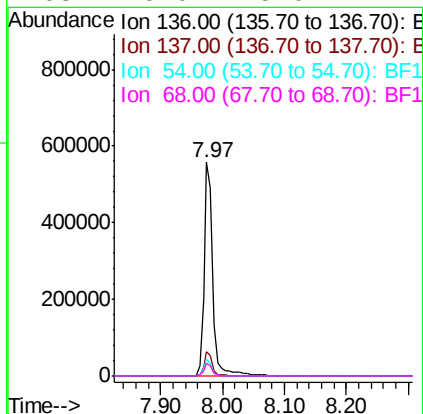
RT: 7.97 min Scan# 1001

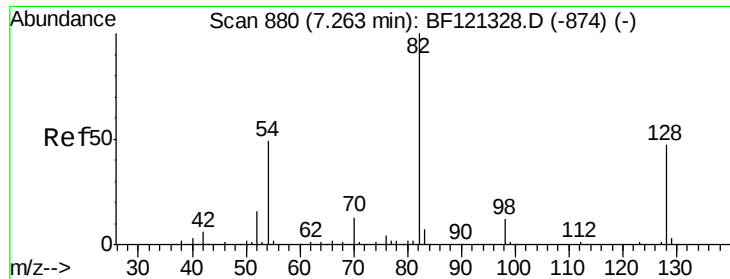
Delta R.T. 0.00 min

Lab File: BF121428.D

Acq: 25 Aug 2020 15:27

Tgt Ion:	136	Resp:	550616
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	7.9	6.1	9.1
68	6.0	5.0	7.4





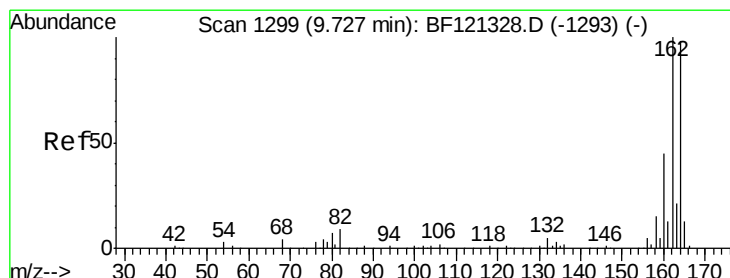
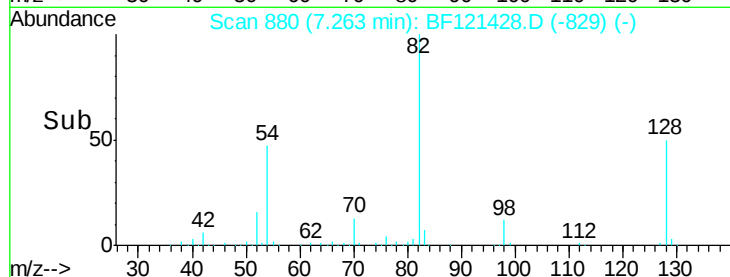
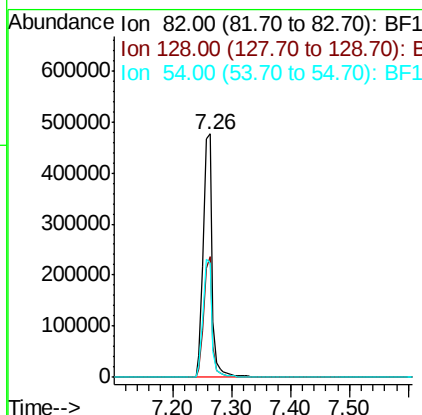
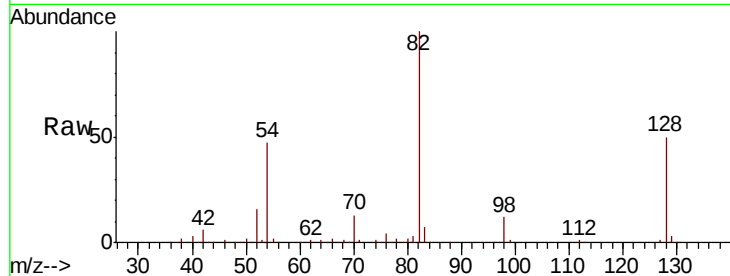
#23
 Nitrobenzene-d5
 Concen: 51.575 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121428.D
 Acq: 25 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-09

Tot Ion	82	Resp	502117
Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.9	56.9
54	47.2	39.0	58.4

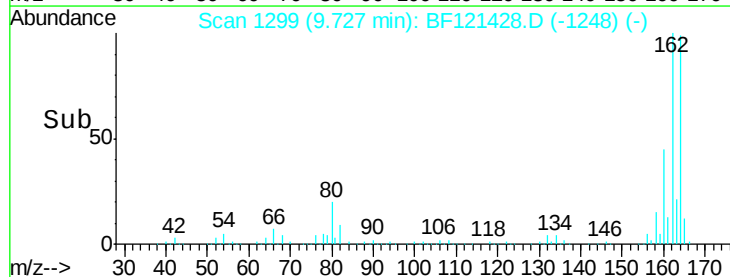
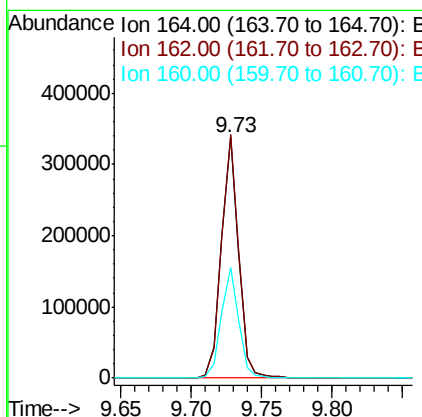
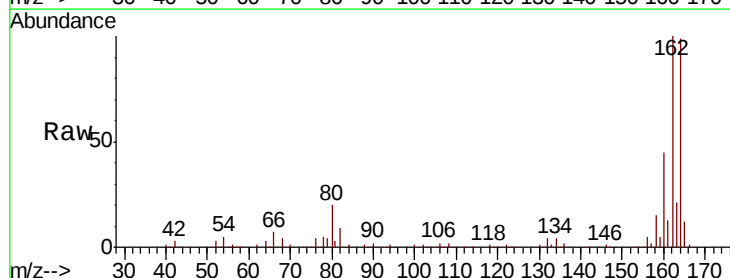
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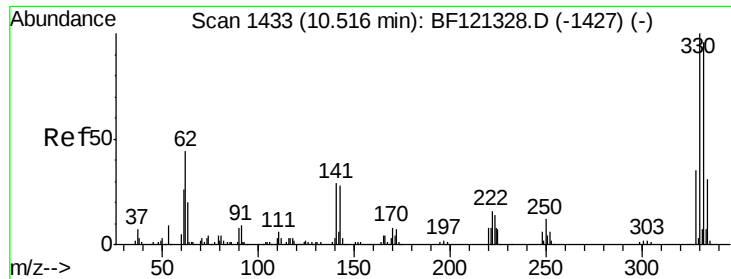
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121428.D
 Acq: 25 Aug 2020 15:27

Tgt Ion	164	Resp	286453
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	45.8	37.0	55.4





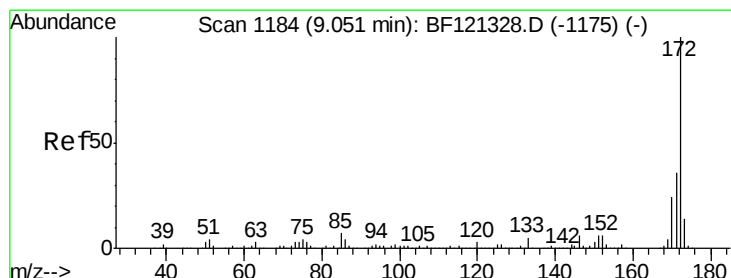
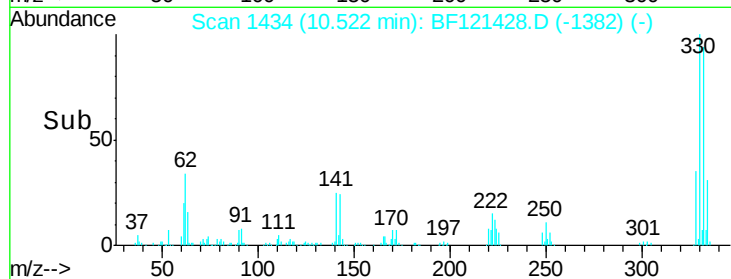
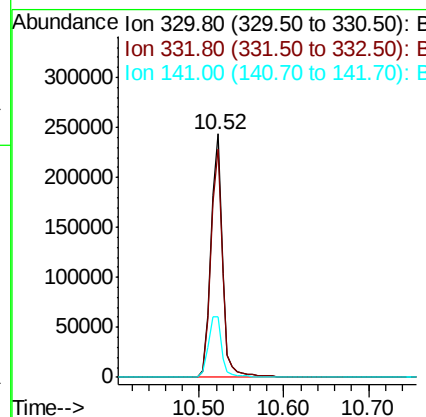
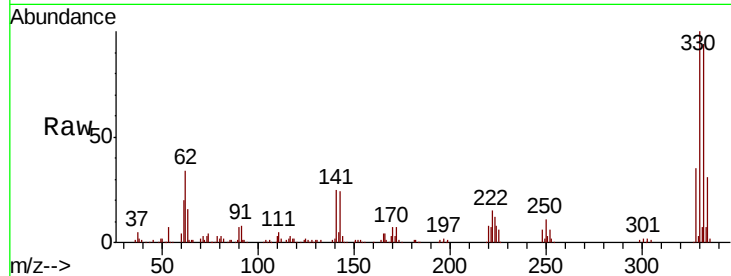
#42
 2,4,6-Tribromophenol
 Concen: 69.920 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121428.D
 Acq: 25 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-09

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233400		
332	95.3	76.9	115.3	
141	28.9	22.8	34.2	

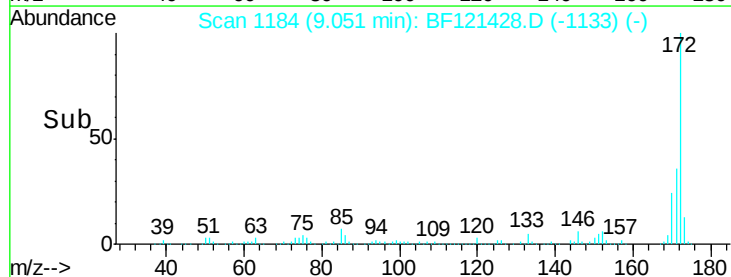
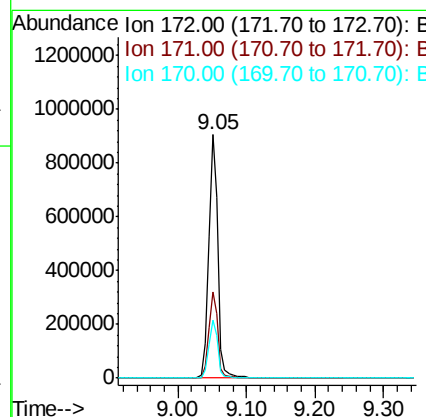
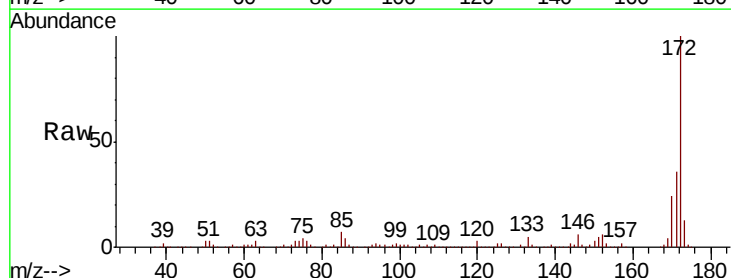
Manual Integrations
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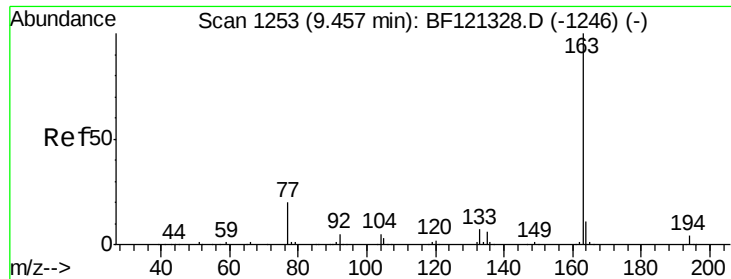
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#45
 2-Fluorobiphenyl
 Concen: 53.099 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121428.D
 Acq: 25 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	864724		
171	35.6	29.0	43.6	
170	23.9	19.4	29.2	





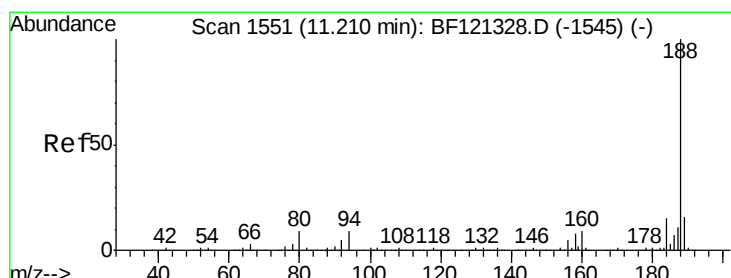
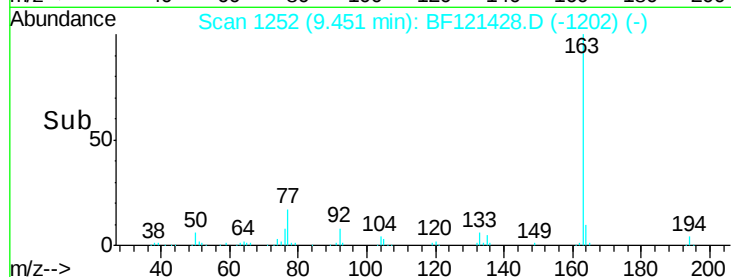
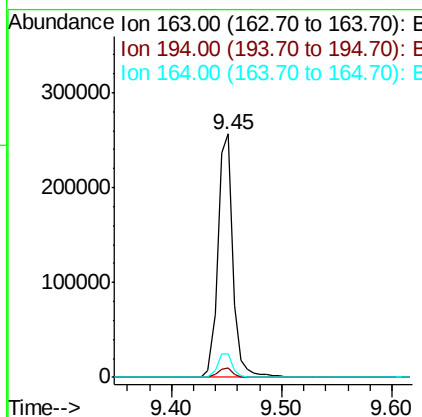
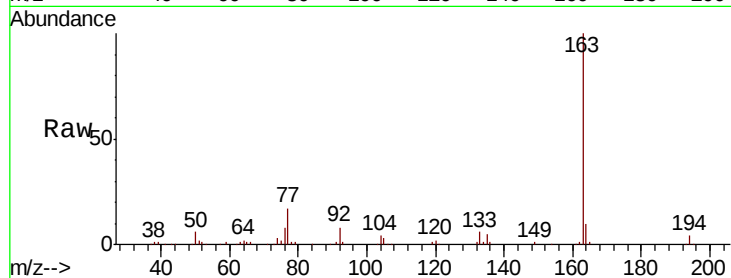
#50
Dimethylphthalate
Concen: 11.637 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
CHRT-09

Tot Ion	Ratio	Resp	Lower	Upper
163	100	242511		
194	3.7		3.0	4.6
164	9.7		8.4	12.6

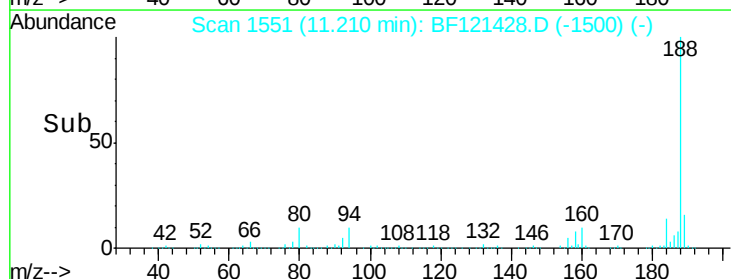
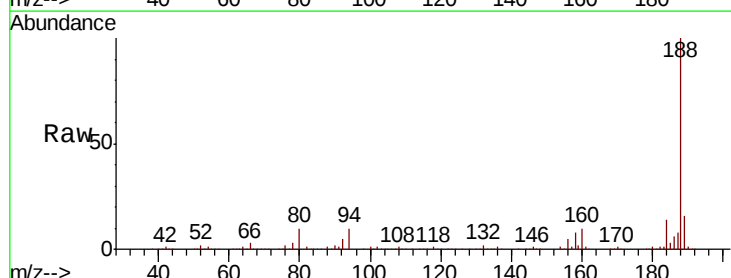
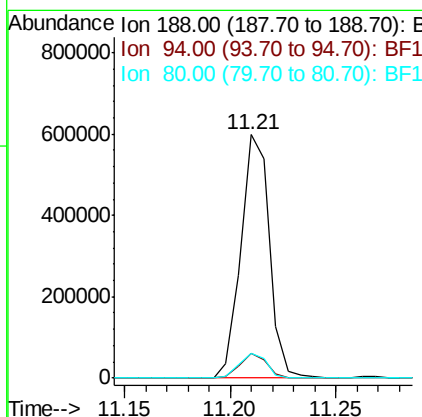
Manual Integrations
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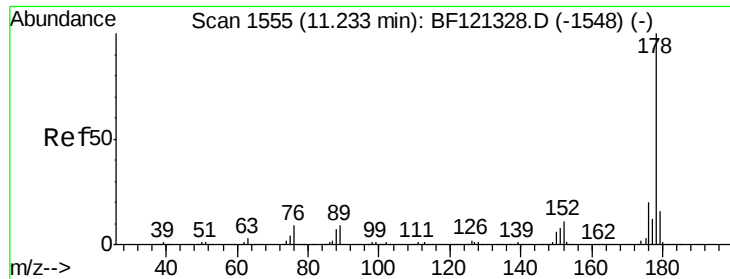
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	559667		
94	10.1		7.2	10.8
80	10.4		7.4	11.0





#71

Phenanthrene

Concen: 5.574 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF121428.D

Acq: 25 Aug 2020 15:27

Instrument :

BNA_F

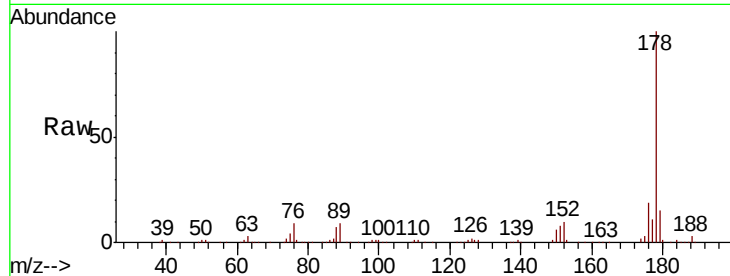
ClientSampleId :

CHRT-09

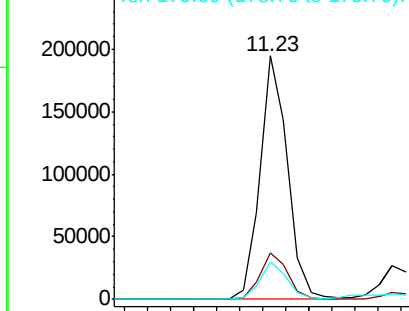
Tot Ion:	178	Resp:	161458
Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.3	12.8	19.2

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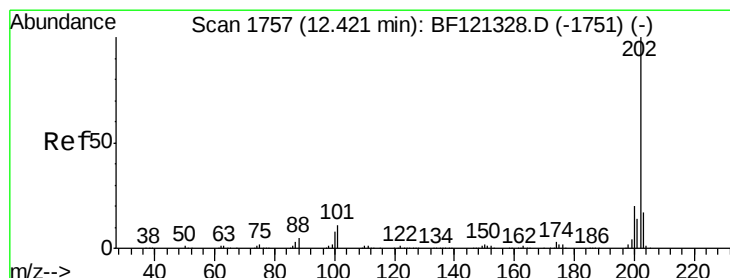
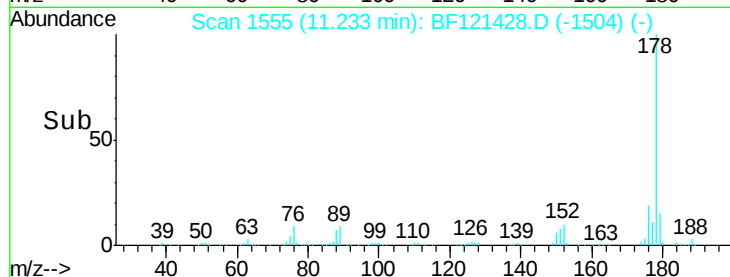
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 8.595 ng

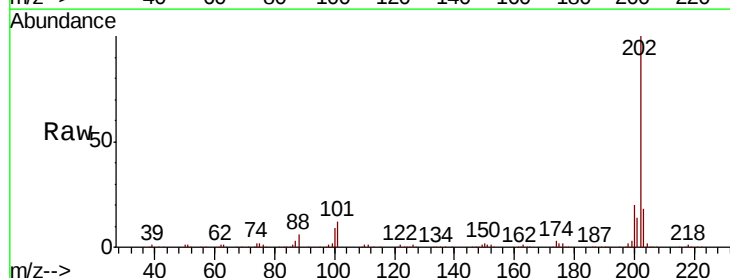
RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

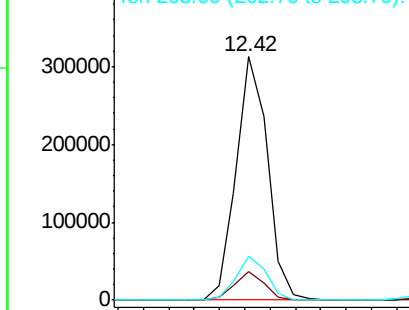
Lab File: BF121428.D

Acq: 25 Aug 2020 15:27

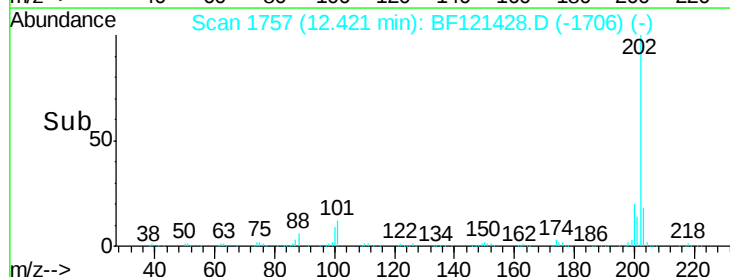
Tgt Ion:	202	Resp:	270215
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.6
203	18.0	0.0	37.5

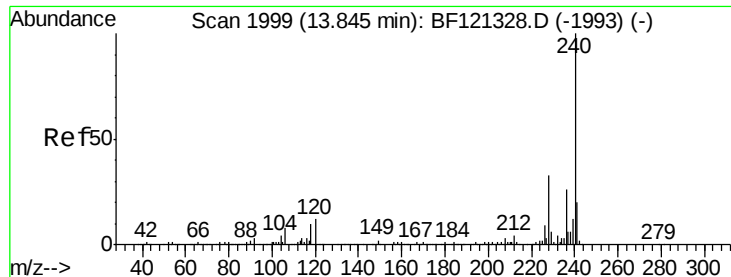


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





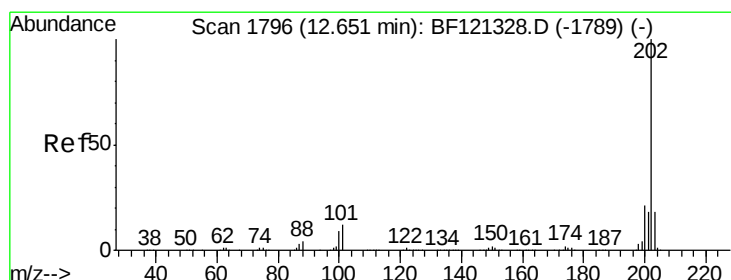
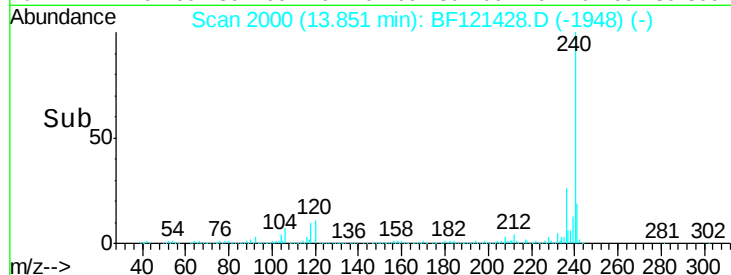
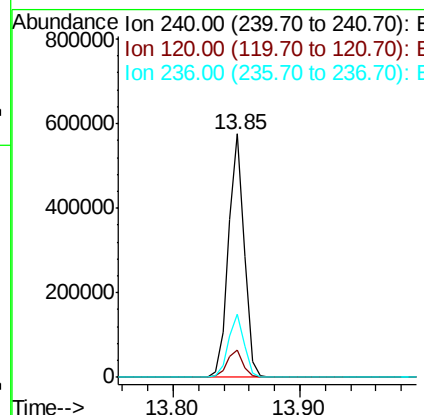
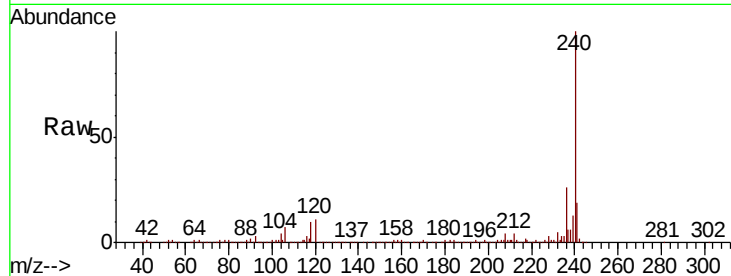
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
CHRT-09

Tot Ion	Ratio	Resp	Lower	Upper
240	100	496885		
120	11.1	9.6	14.4	
236	26.1	20.6	31.0	

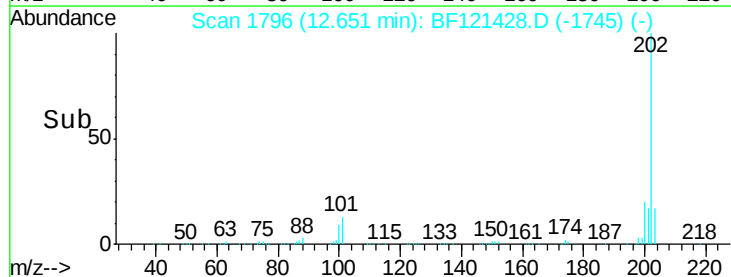
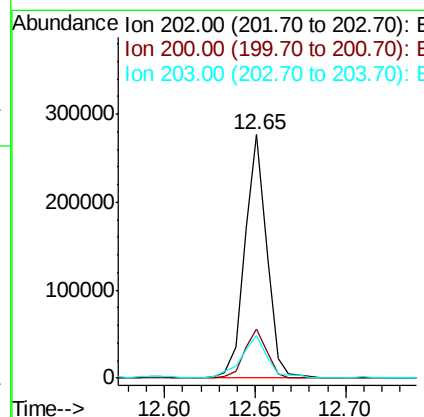
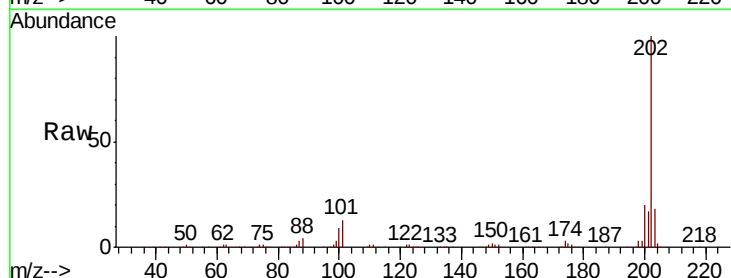
Manual Integrations
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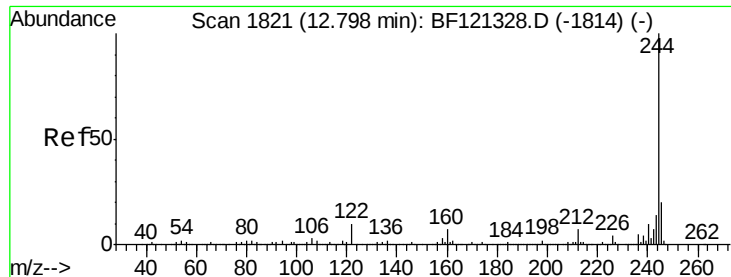
mohammad
8/26/2020 4:00:33 PM



#78
Pyrene
Concen: 6.193 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	231159		
200	20.1	16.6	24.8	
203	17.7	14.2	21.2	





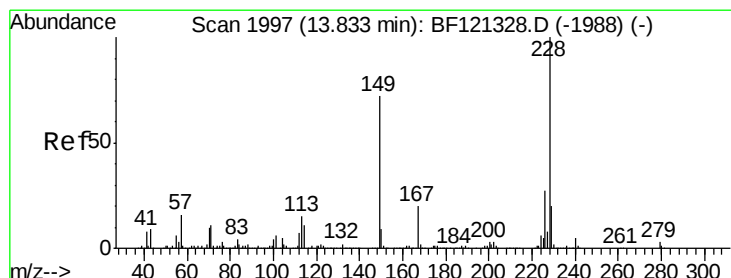
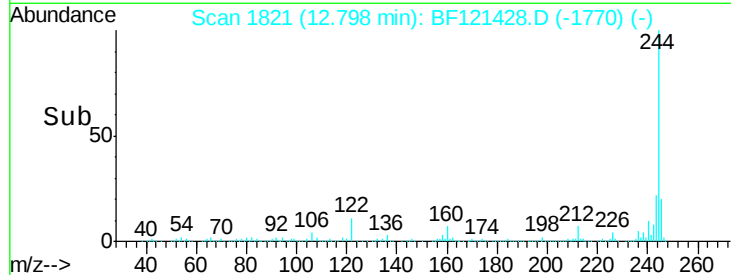
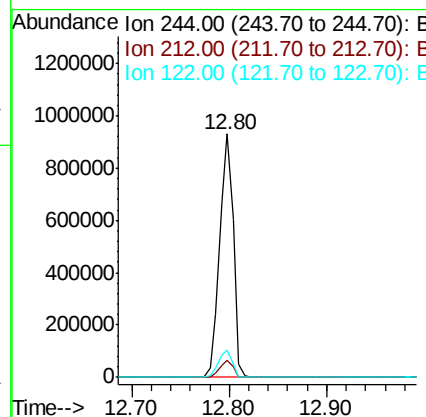
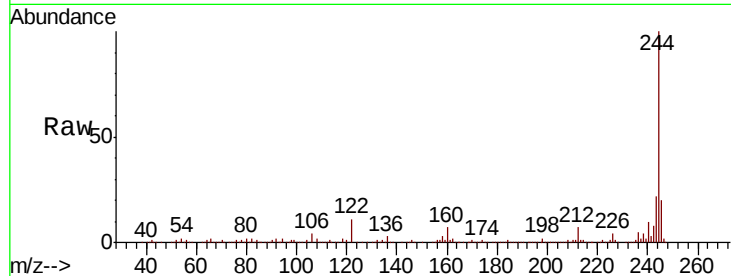
#79
 Terphenyl-d14
 Concen: 35.312 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121428.D
 Acq: 25 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-09

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	7.8	11.8

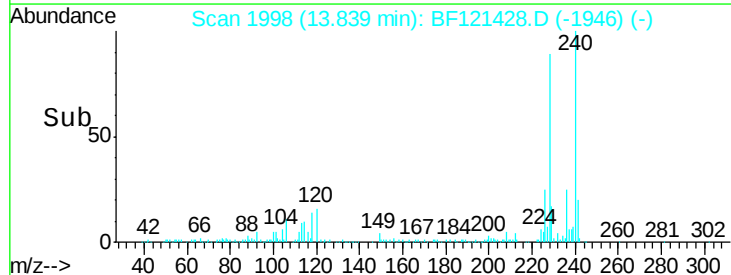
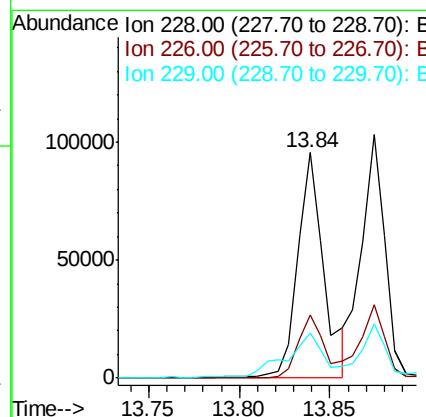
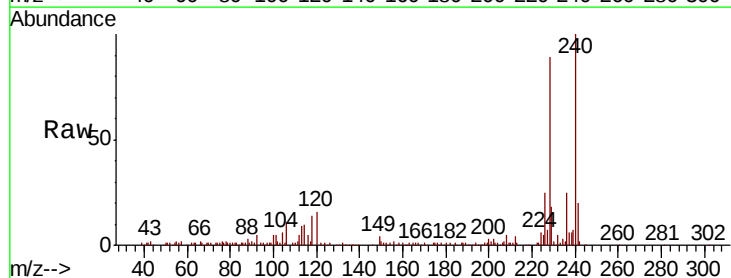
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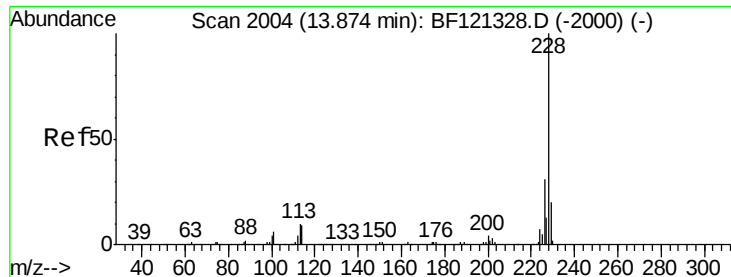
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#81
 Benzo(a)anthracene
 Concen: 3.156 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121428.D
 Acq: 25 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.0	15.8	23.8





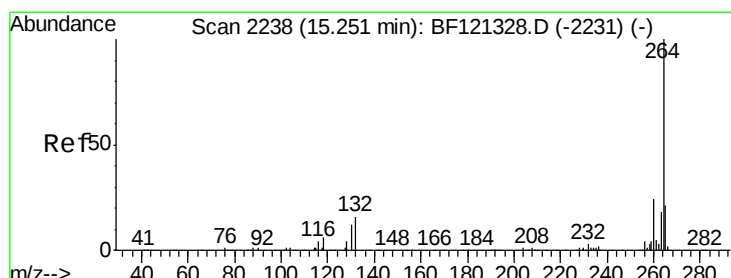
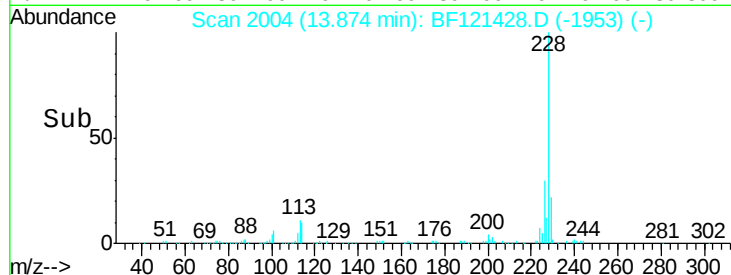
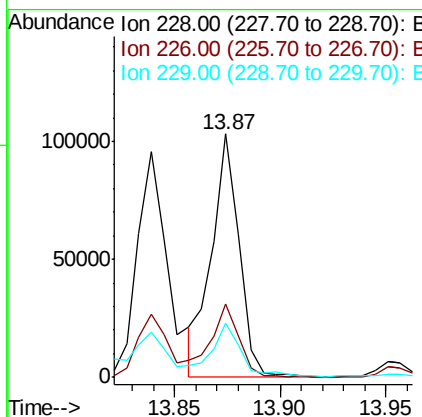
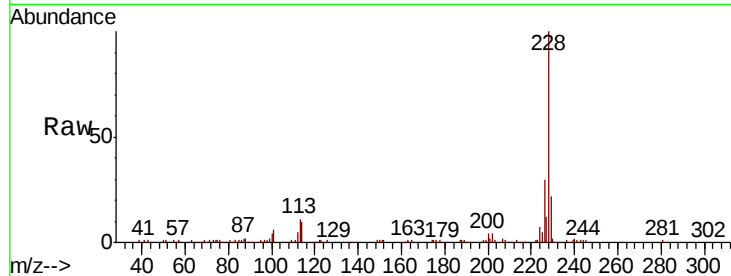
#83
Chrysene
Concen: 2.979 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Instrument :
BNA_F
ClientSampled :
CHRT-09

Tot Ion:	228	Resp:	94016
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.6	36.8
229	22.2	15.9	23.9

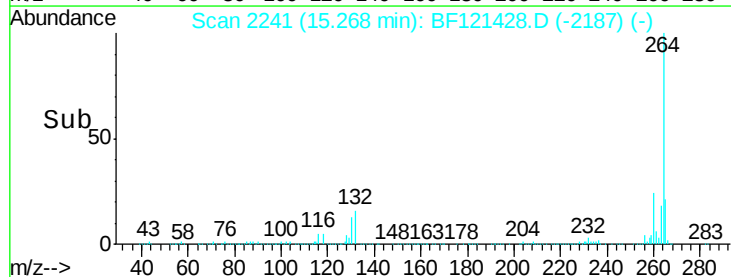
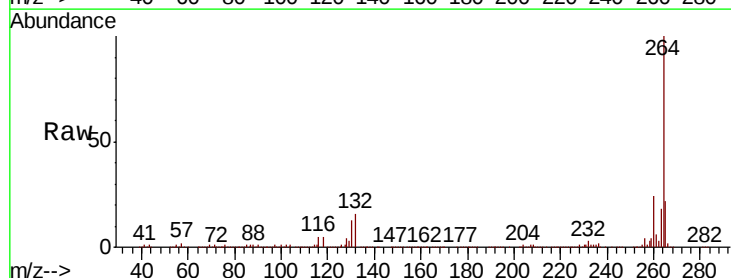
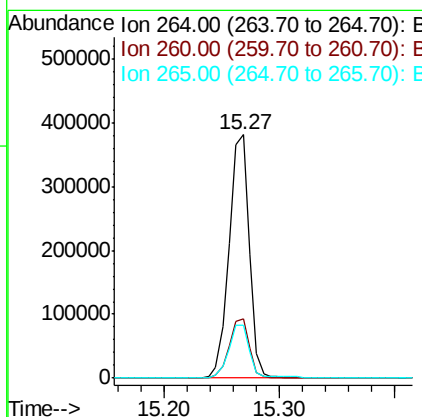
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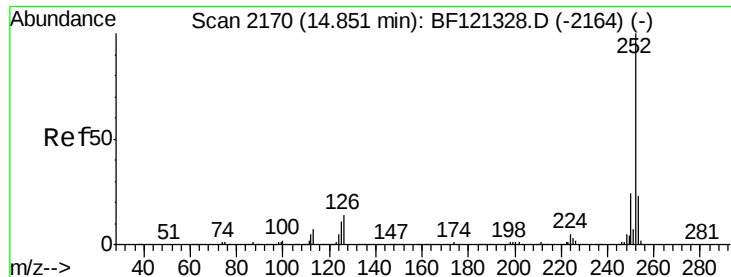
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Tgt Ion:	264	Resp:	462761
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.5	17.1	25.7





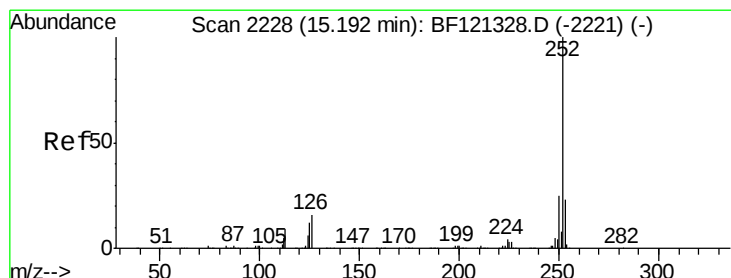
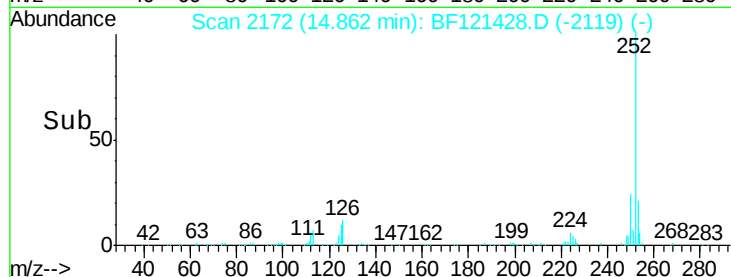
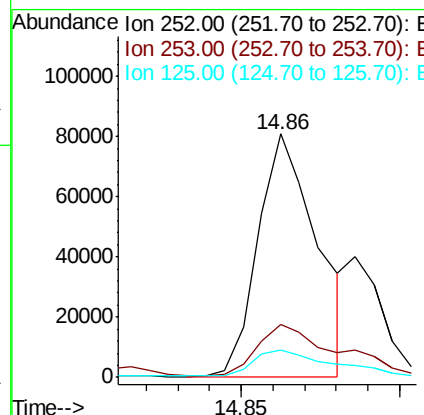
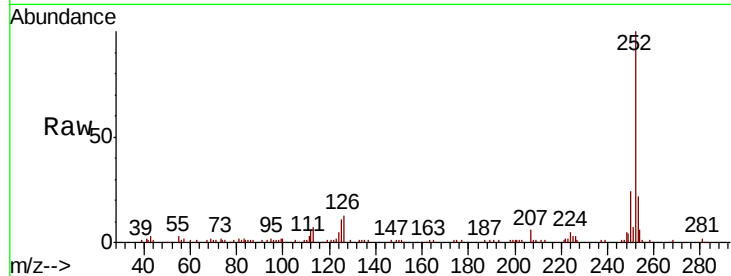
#88
Benzo(b)fluoranthene
Concen: 3.507 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
CHRT-09

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.0	8.6	12.8

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#90
Benzo(a)pyrene
Concen: 2.376 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF121428.D
Acq: 25 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.6	9.4	14.0

