

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120843.D
 Acq On : 10 Jul 2020 21:04
 Operator : JU/CG
 Sample : L3255-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-57

Manual Integrations
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Quant Time: Jul 11 06:46:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	200800	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	734687	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	351658	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	516769	20.00	ng	0.00
76) Chrysene-d12	14.01	240	390799	20.00	ng	0.00
86) Perylene-d12	15.47	264	461624	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1326102	101.94	ng	0.00
7) Phenol-d6	6.47	99	1610829	96.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	1049980	82.80	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	369700	104.64	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1659044	71.38	ng	0.00
79) Terphenyl-d14	12.97	244	1370068	68.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.60	163	399418	15.570	ng	# 99
71) Phenanthrene	11.40	178	232148	8.279	ng	# 95
72) Anthracene	11.45	178	67282	2.375	ng	# 85
74) Di-n-butylphthalate	11.94	149	72012	2.136	ng	# 80
75) Fluoranthene	12.59	202	435687	14.586	ng	98
78) Pyrene	12.82	202	428890	13.741	ng	98
81) Benzo(a)anthracene	14.00	228	246124	9.825	ng	93
83) Chrysene	14.04	228	273207	10.692	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	147041	8.321	ng	96
87) Indeno(1,2,3-cd)pyrene	16.92	276	230503	7.785	ng	98
88) Benzo(b)fluoranthene	15.05	252	444115m	14.634	ng	
89) Benzo(k)fluoranthene	15.07	252	100275m	3.396	ng	
90) Benzo(a)pyrene	15.41	252	266242	9.834	ng	96
91) Dibenzo(a,h)anthracene	16.93	278	61316	2.485	ng	# 90
92) Benzo(a,h,i)perylene	17.36	276	225373	9.992	ng	98

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

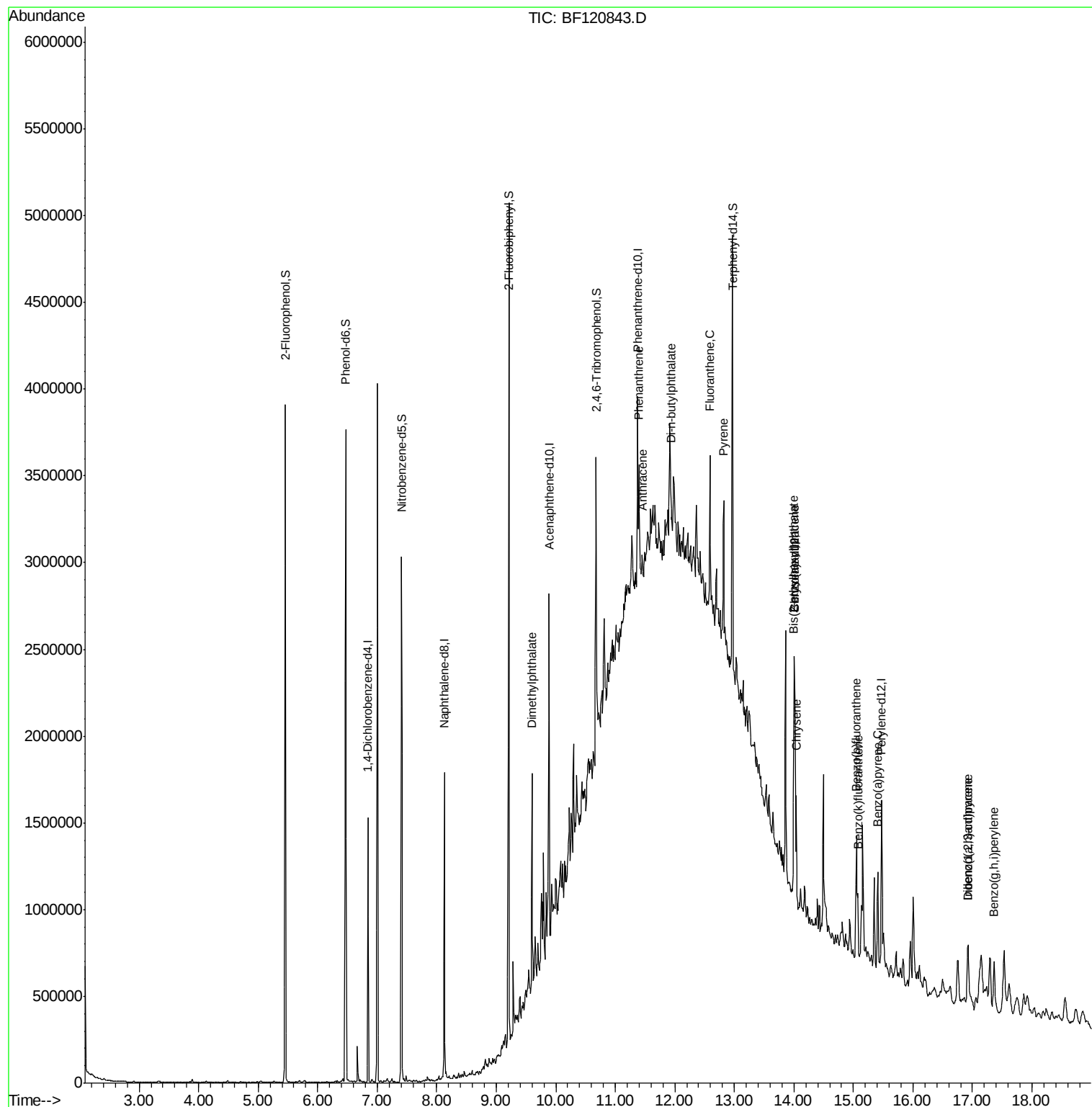
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120843.D
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Operator : JU/CG
Sample : L3255-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

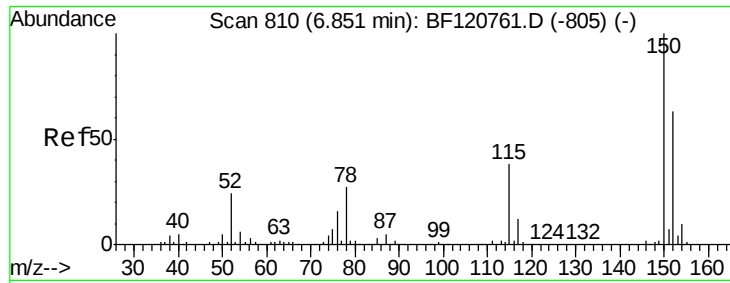
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

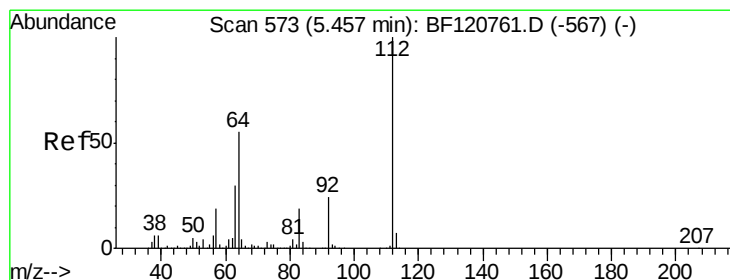
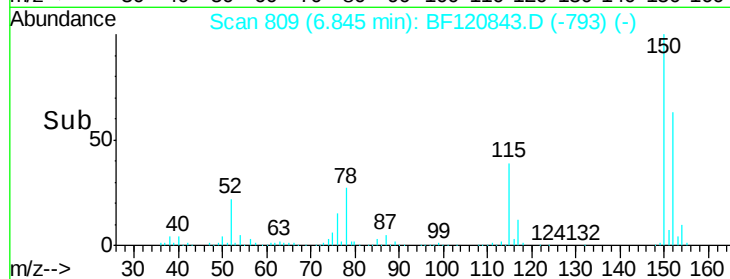
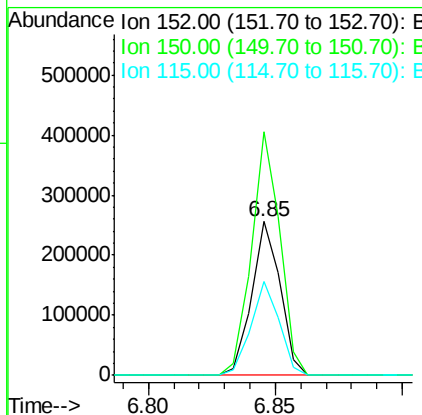
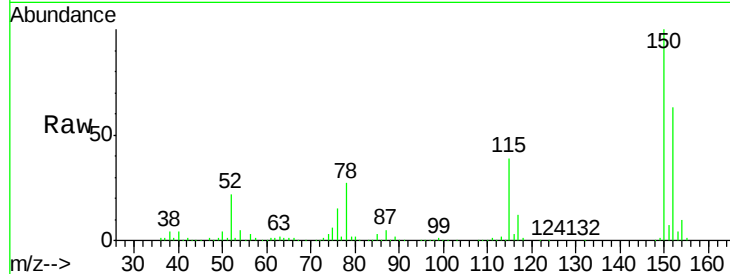
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Instrument :
BNA_F
ClientSampleId :
CHRT-57

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.1	189.1
115	61.1	48.5	72.7

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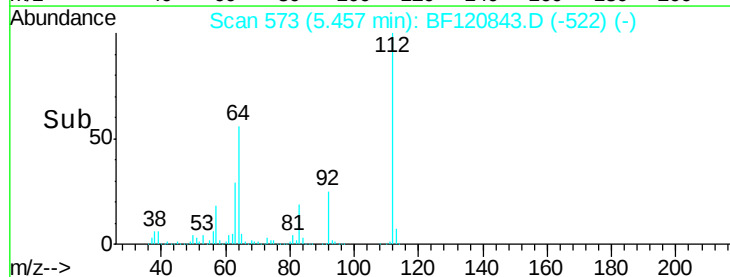
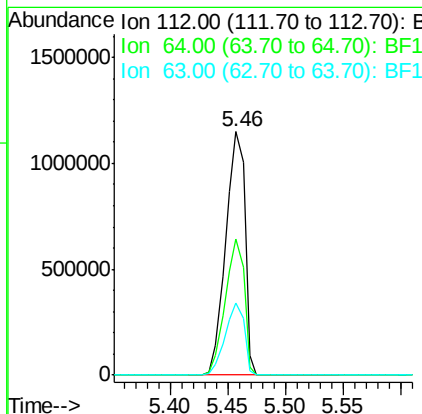
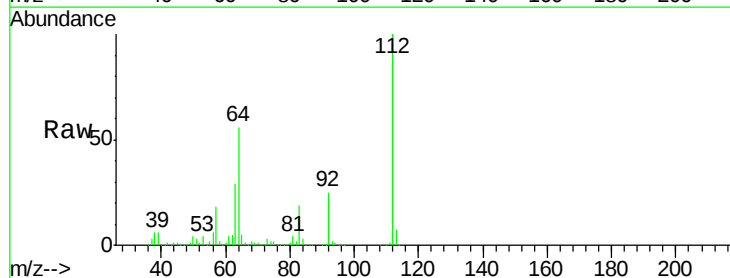
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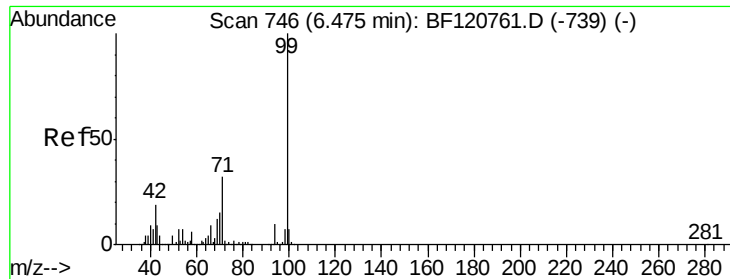


#5

2-Fluorophenol
Concen: 101.944 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.8	65.6
63	29.4	23.6	35.4





#7

Phenol-d6

Concen: 96.968 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120843.D

Acq: 10 Jul 2020 21:04

Instrument :

BNA_F

ClientSampleId :

CHRT-57

Tot Ion: 99 Resp: 1610829

Ion Ratio Lower Upper

99 100

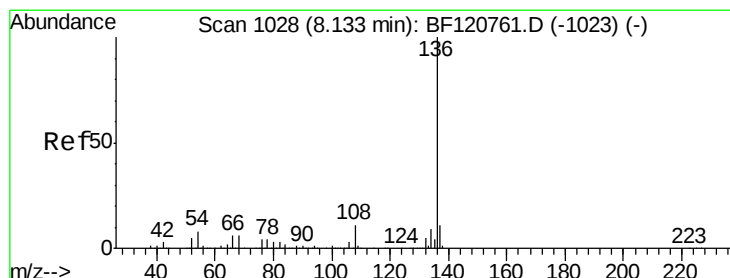
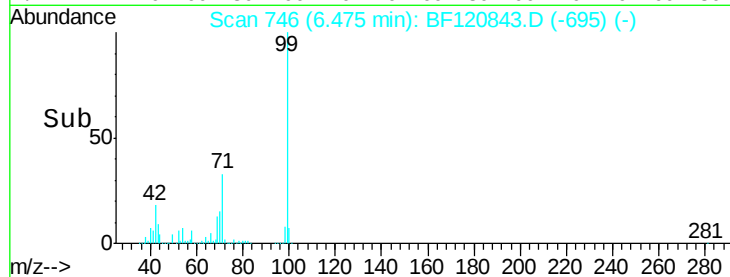
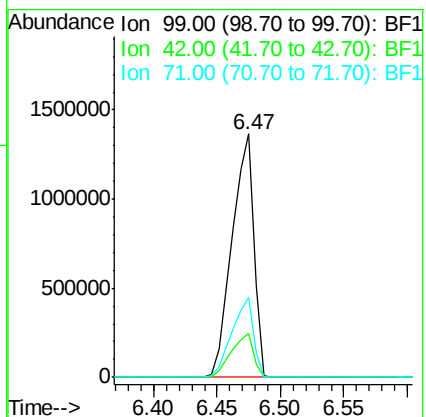
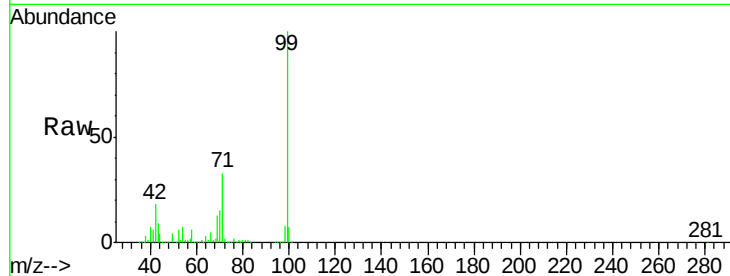
42 17.8 15.4 23.0

71 32.7 25.9 38.9

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120843.D

Acq: 10 Jul 2020 21:04

Tgt Ion: 136 Resp: 734687

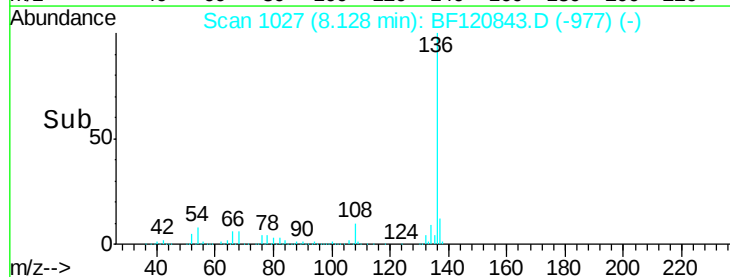
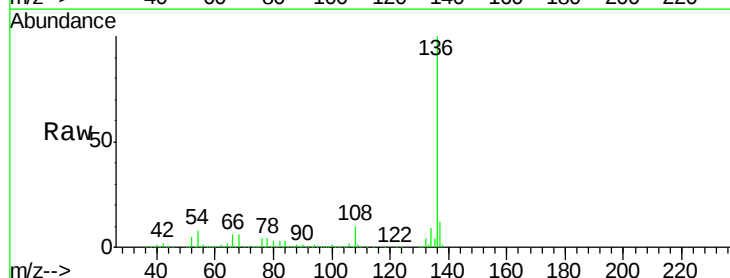
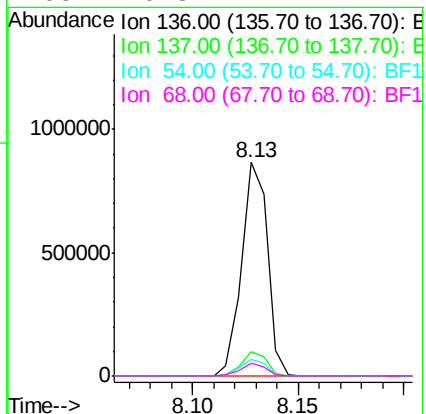
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 8.1 6.2 9.4

68 6.3 4.7 7.1





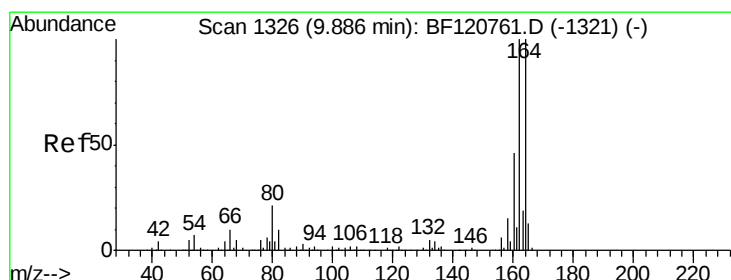
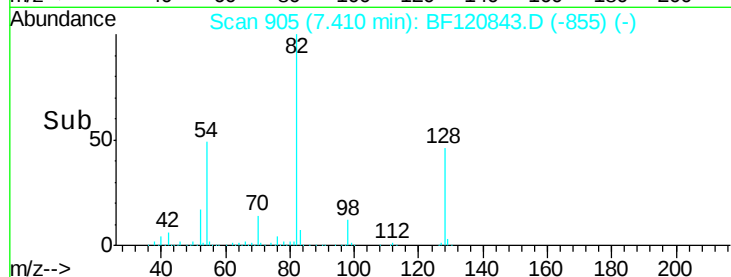
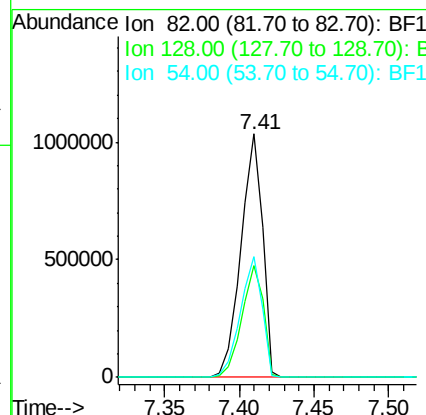
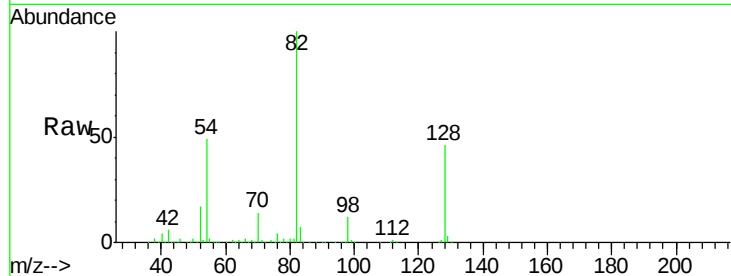
#23
 Nitrobenzene-d5
 Concen: 82.802 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120843.D
 Acq: 10 Jul 2020 21:04

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-57

Tot Ion	82	Resp	1049980
Ion Ratio	100	Lower	Upper
128	46.1	35.7	53.5
54	49.5	40.9	61.3

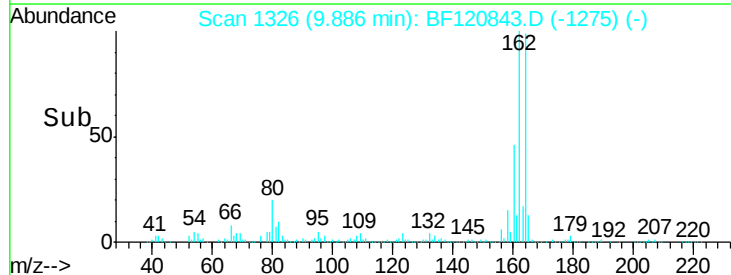
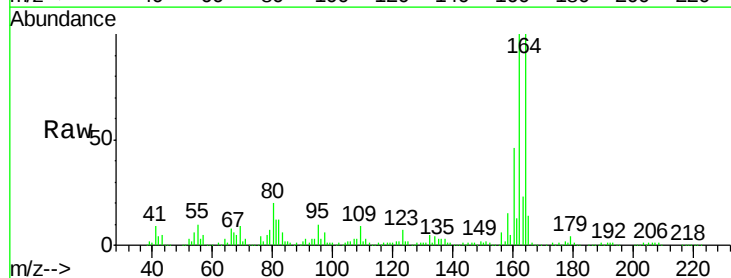
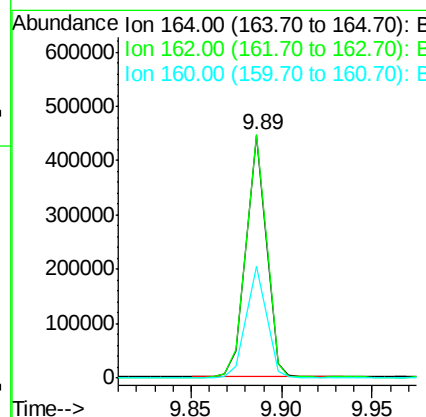
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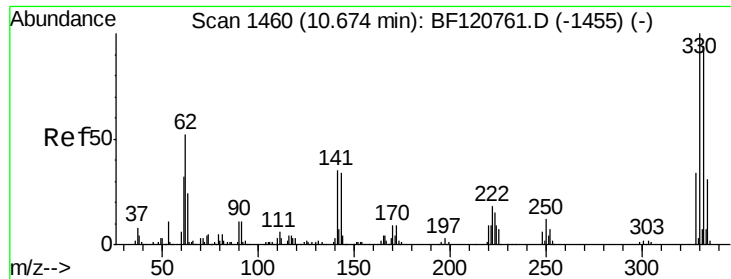
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120843.D
 Acq: 10 Jul 2020 21:04

Tgt Ion	164	Resp	351658
Ion Ratio	100	Lower	Upper
162	100.5	80.2	120.2
160	46.3	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 104.644 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120843.D

Acq: 10 Jul 2020 21:04

Instrument :

BNA_F

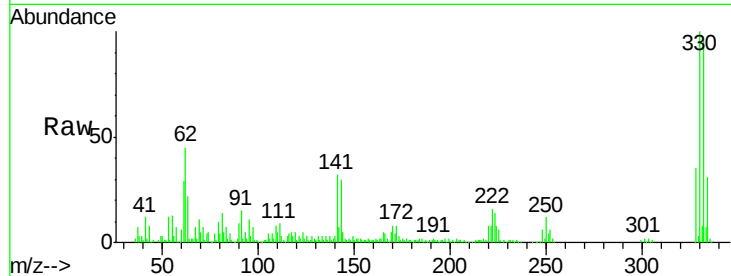
ClientSampled :

CHRT-57

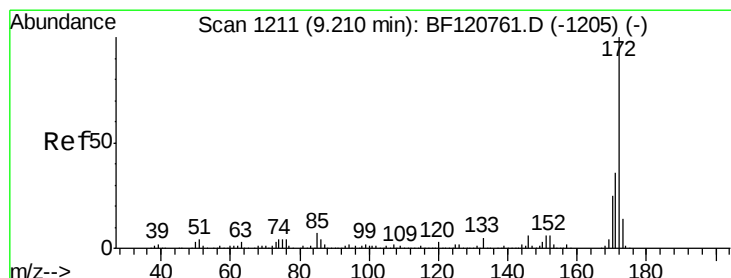
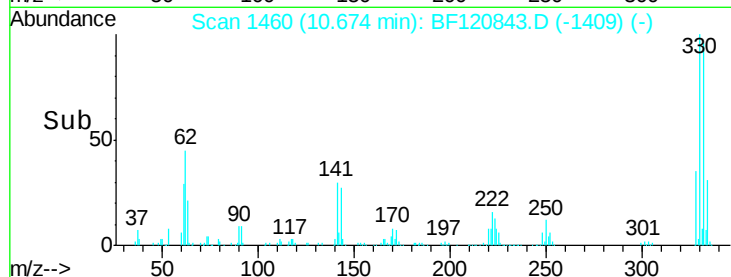
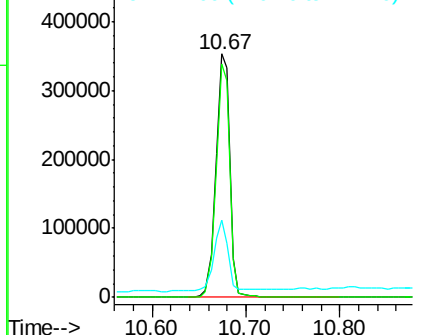
Tot Ion:	330	Resp:	369700
Ion Ratio	Lower	Upper	
330	100		
332	94.5	75.8	113.6
141	31.0	29.7	44.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 71.377 ng

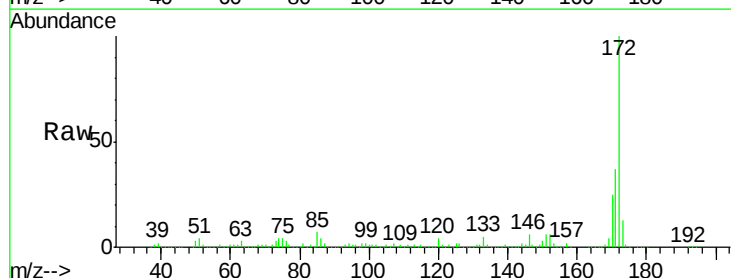
RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

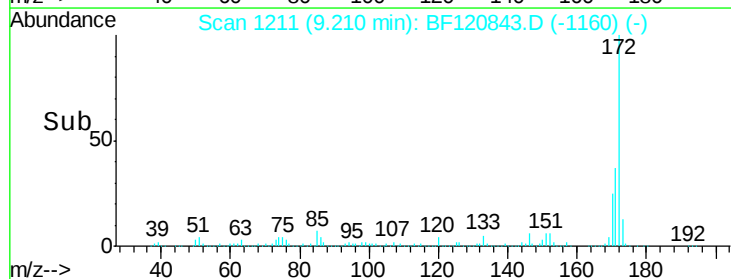
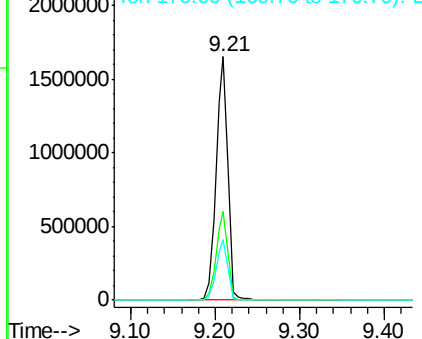
Lab File: BF120843.D

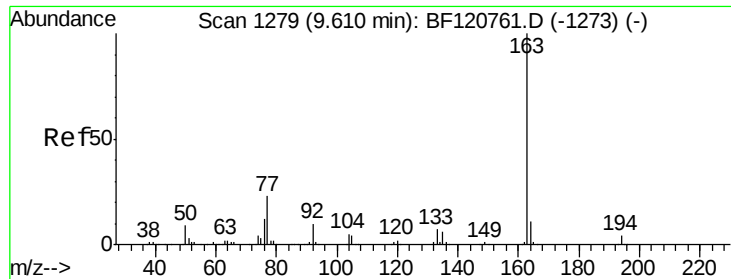
Acq: 10 Jul 2020 21:04

Tgt Ion:	172	Resp:	1659044
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.1	43.7
170	25.0	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.570 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF120843.D

Acq: 10 Jul 2020 21:04

Instrument :

BNA_F

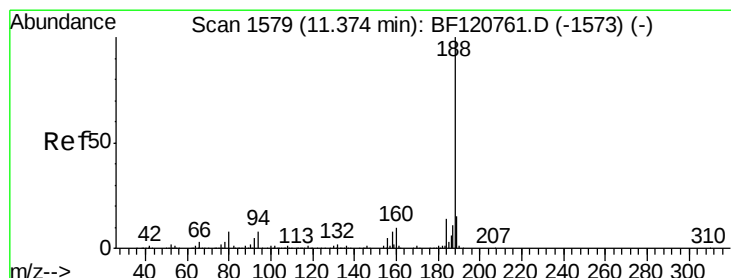
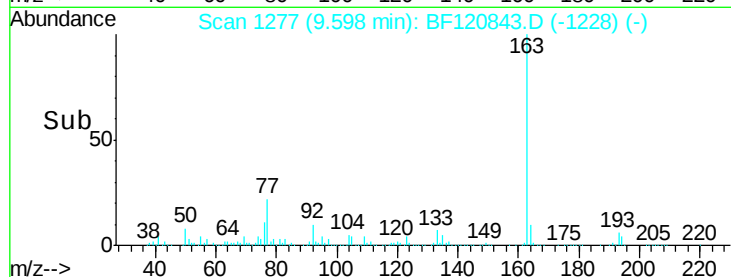
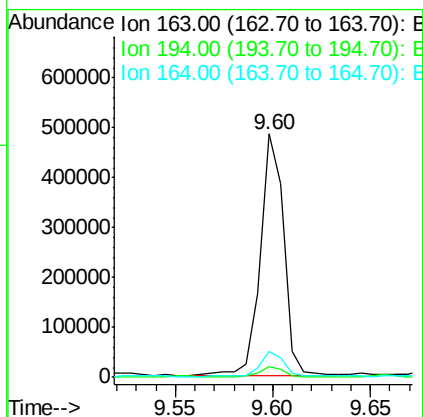
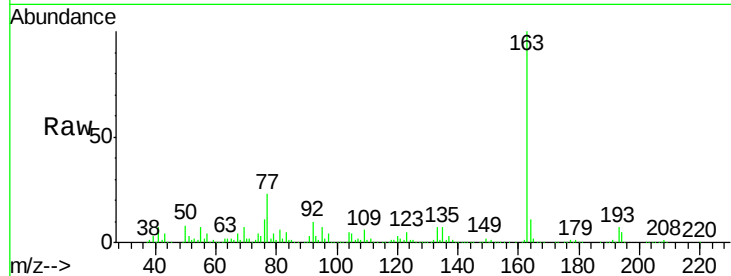
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.6		2.9	4.3#	
164	10.6		8.5	12.7	

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#64

Phenanthrene-d10

Concen: 20.000 ng

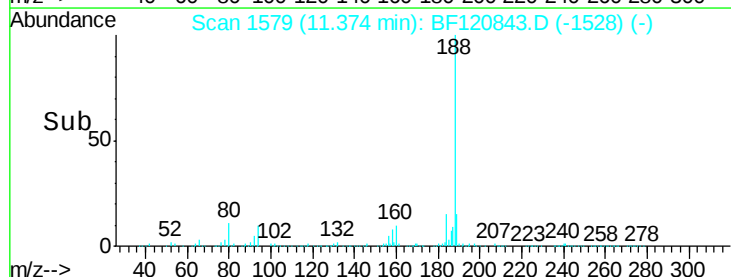
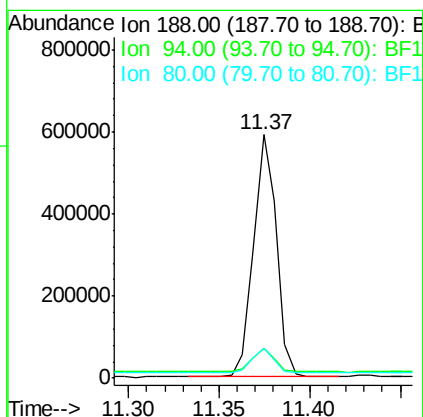
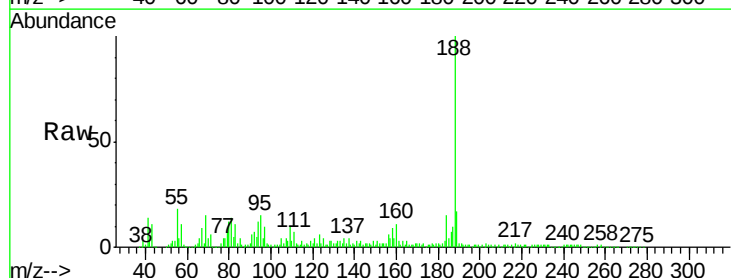
RT: 11.37 min Scan# 1579

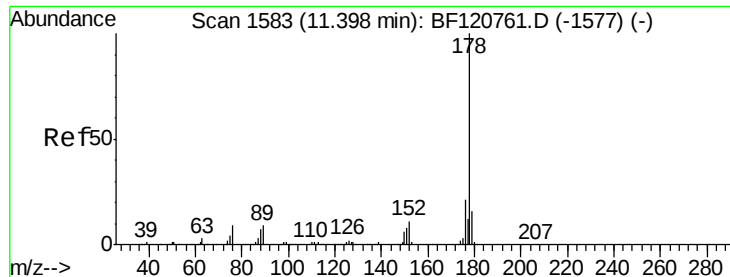
Delta R.T. 0.00 min

Lab File: BF120843.D

Acq: 10 Jul 2020 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.4		6.6	9.8#	
80	12.4		6.6	10.0#	





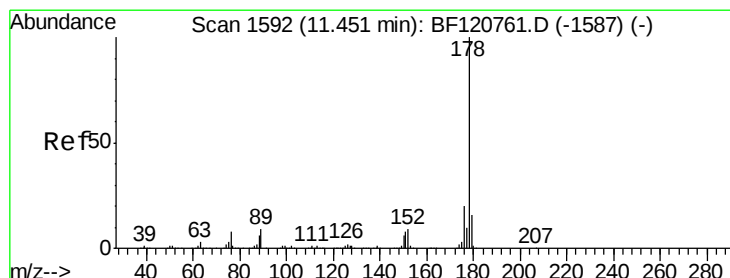
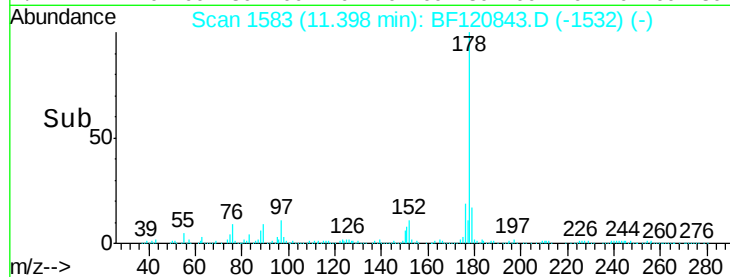
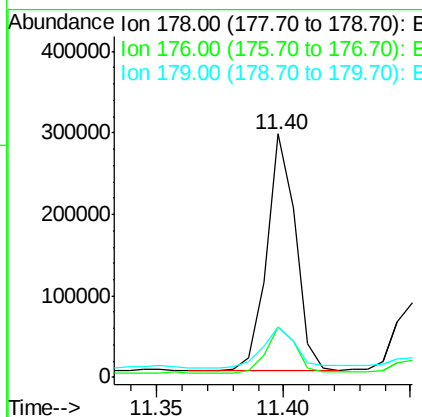
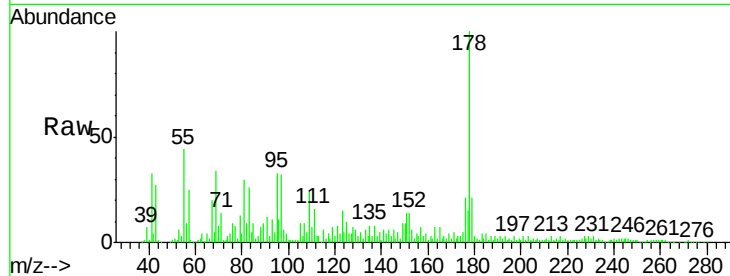
#71
Phenanthrene
Concen: 8.279 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Instrument :
BNA_F
ClientSampleId :
CHRT-57

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	20.8	12.9	19.3

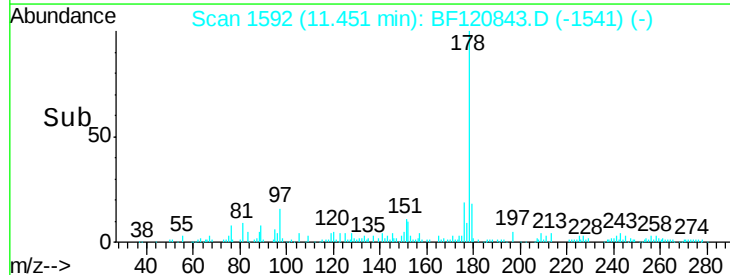
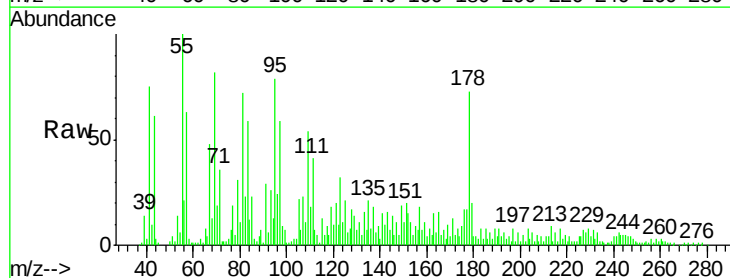
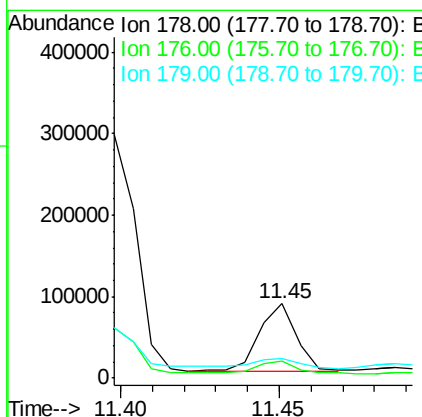
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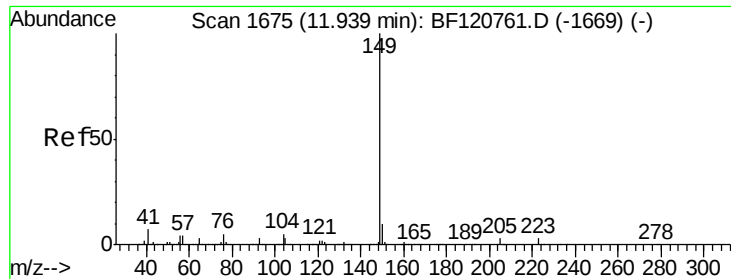
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#72
Anthracene
Concen: 2.375 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.1	16.2	24.2
179	27.1	12.7	19.1





#74

Di-n-butylphthalate

Concen: 2.136 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF120843.D

Acq: 10 Jul 2020 21:04

Instrument :

BNA_F

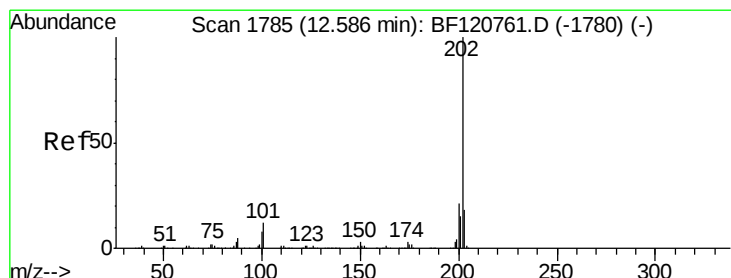
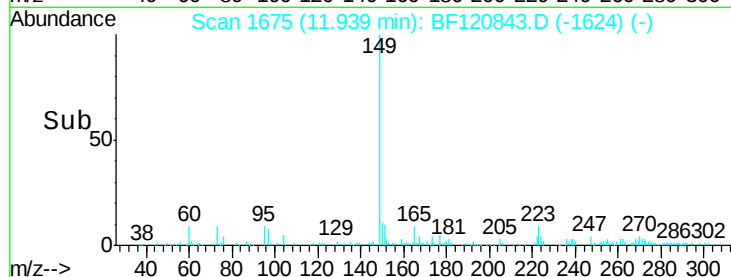
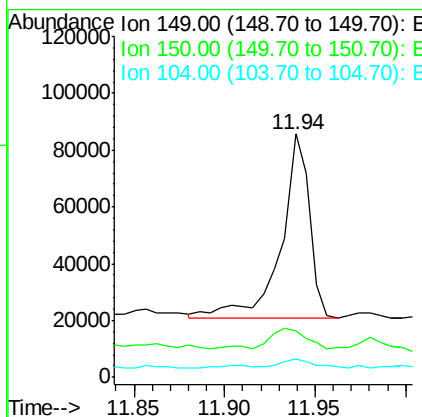
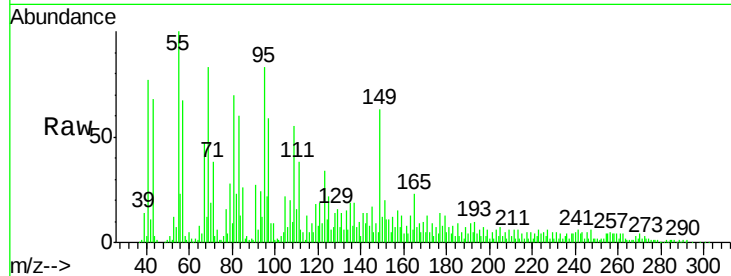
ClientSampleId :

CHRT-57

Tot Ion:	149	Resp:	72012
Ion Ratio	Lower	Upper	
149	100		
150	19.0	7.7	11.5#
104	7.7	4.0	6.0#

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#75

Fluoranthene

Concen: 14.586 ng

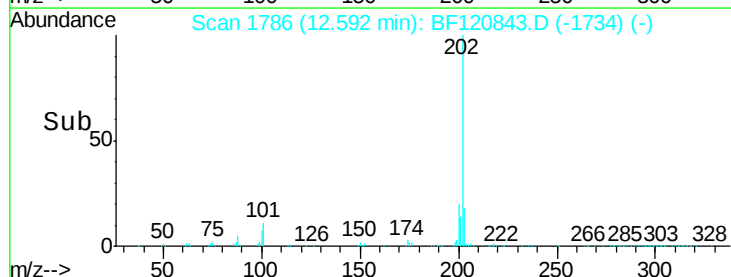
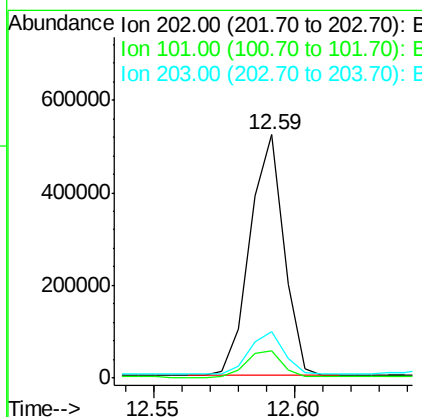
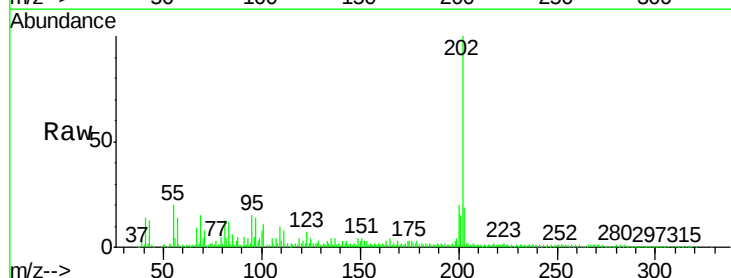
RT: 12.59 min Scan# 1786

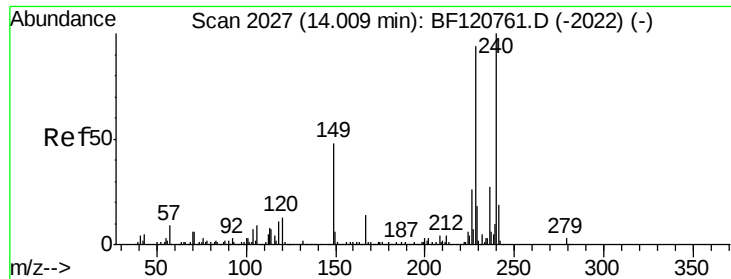
Delta R.T. 0.01 min

Lab File: BF120843.D

Acq: 10 Jul 2020 21:04

Tgt Ion:	202	Resp:	435687
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.6
203	19.2	0.0	38.2





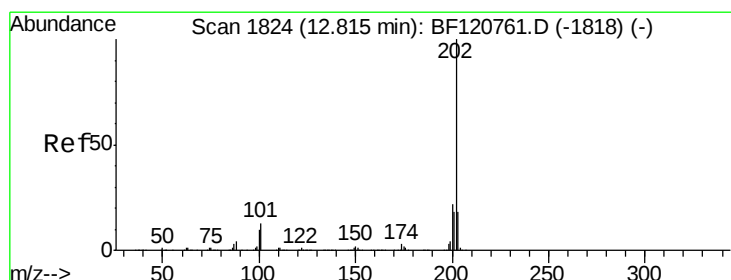
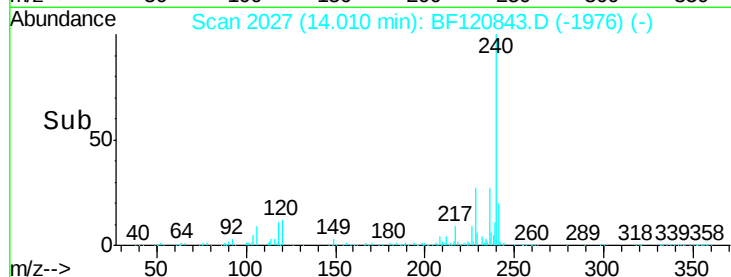
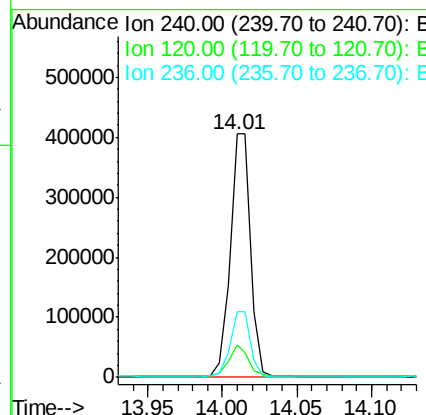
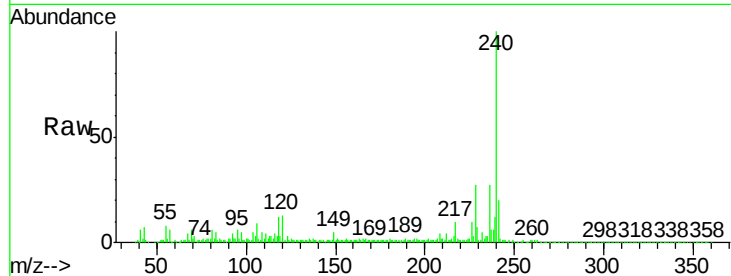
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Instrument :
BNA_F
ClientSampled :
CHRT-57

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.3	15.5
236	26.9	21.4	32.2

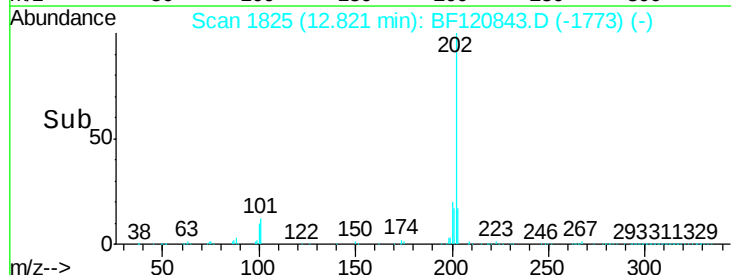
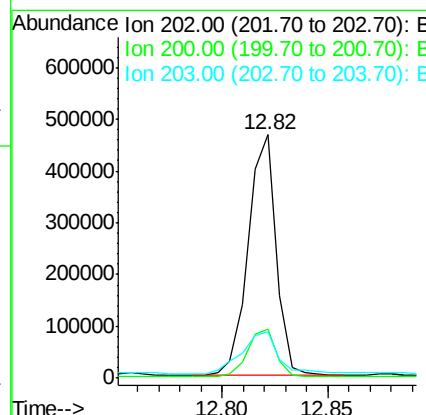
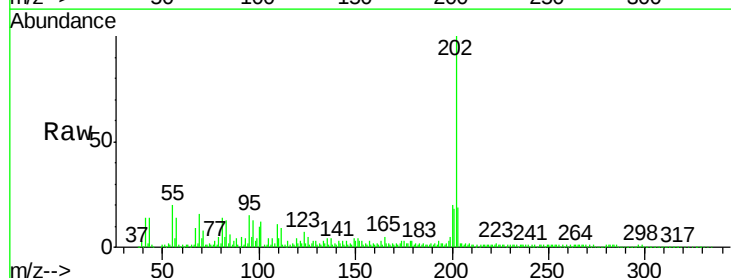
Manual Integrations
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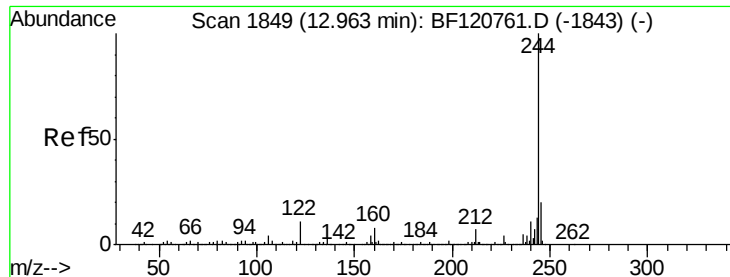
mohammad
7/13/2020 1:05:02 PM



#78
Pyrene
Concen: 13.741 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.3	25.9
203	18.9	14.6	22.0





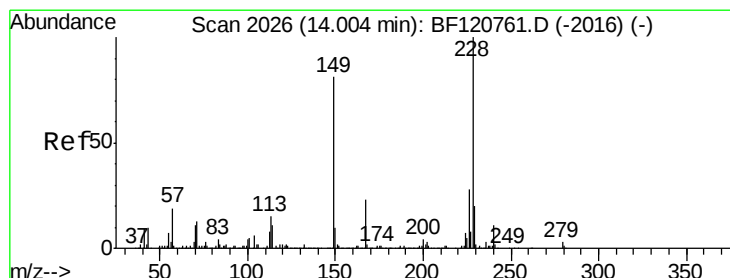
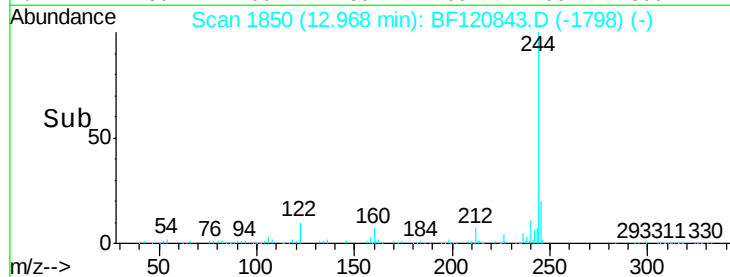
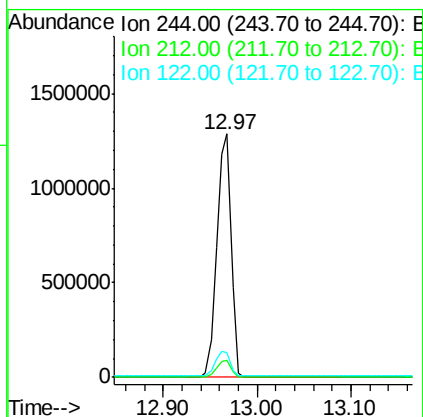
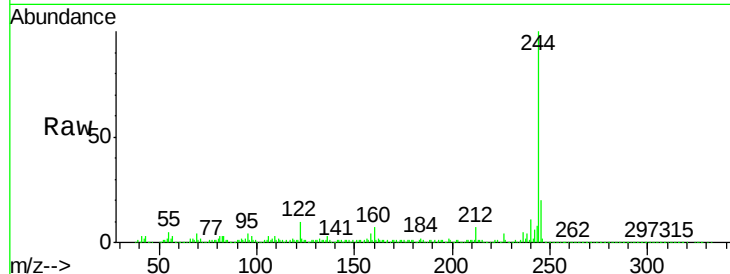
#79
 Terphenyl-d14
 Concen: 68.640 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF120843.D
 Acq: 10 Jul 2020 21:04

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-57

Tot Ion:244 Resp: 1370068
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.2 9.0 13.4

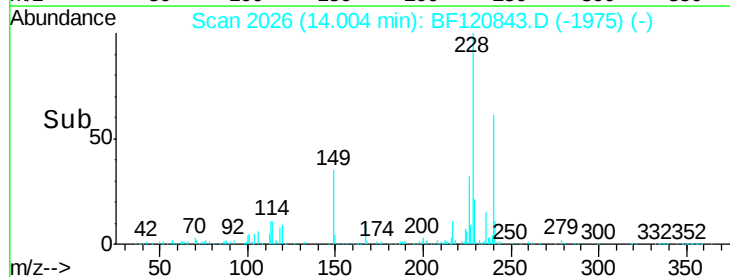
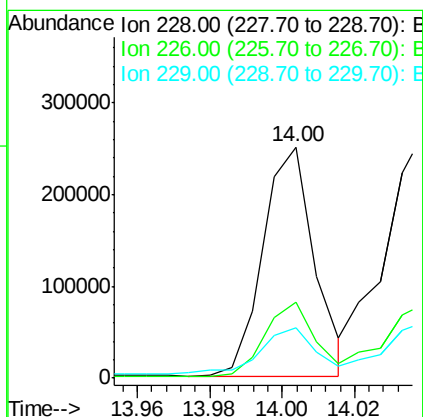
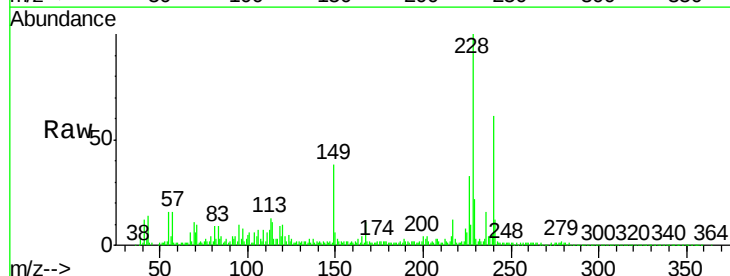
Manual Integrations
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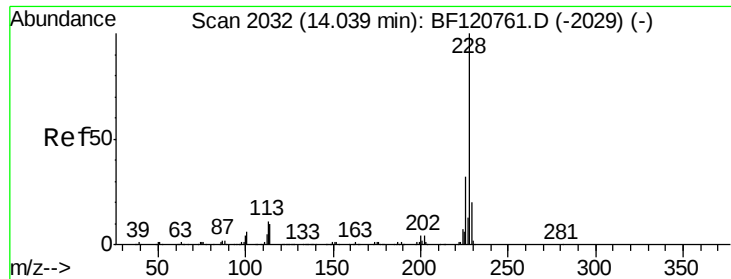
mohammad
 7/13/2020 1:05:02 PM



#81
 Benzo(a)anthracene
 Concen: 9.825 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF120843.D
 Acq: 10 Jul 2020 21:04

Tgt Ion:228 Resp: 246124
 Ion Ratio Lower Upper
 228 100
 226 32.8 22.6 33.8
 229 22.0 15.8 23.6





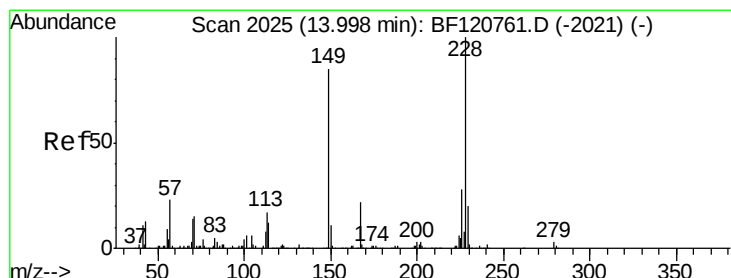
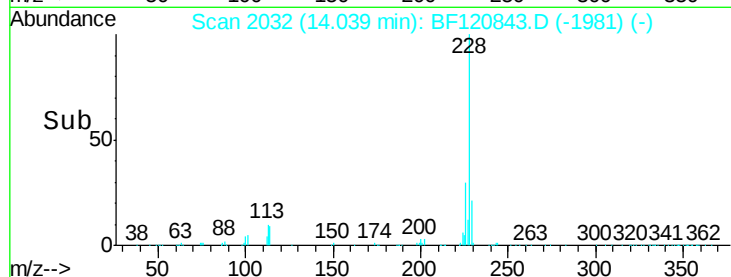
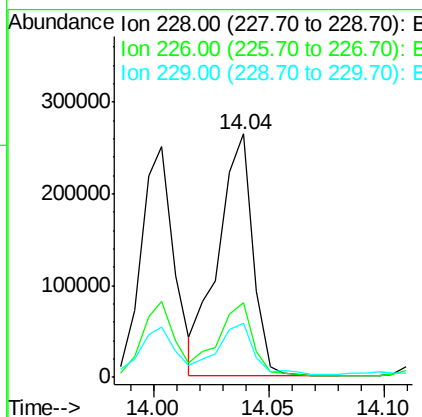
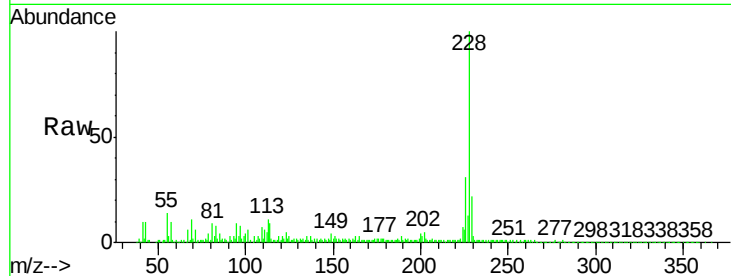
#83
Chrysene
Concen: 10.692 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Instrument :
BNA_F
ClientSampleId :
CHRT-57

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.7	38.5
229	22.2	16.3	24.5

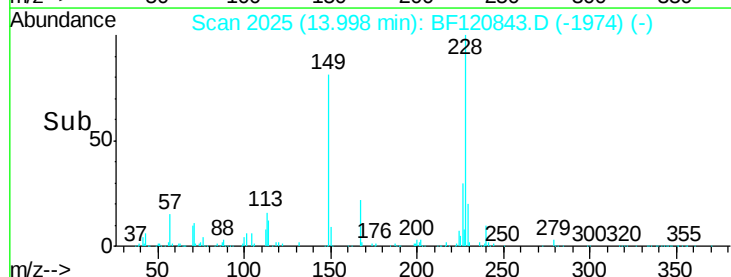
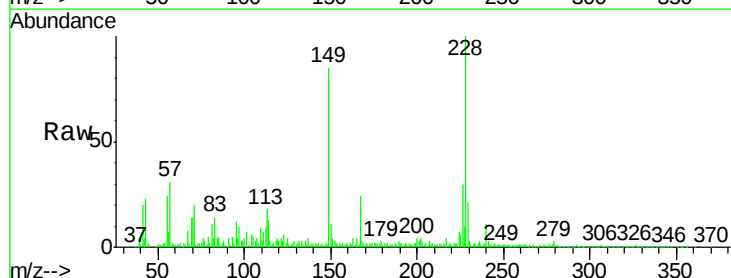
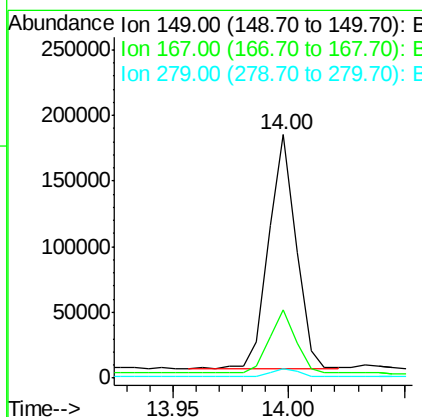
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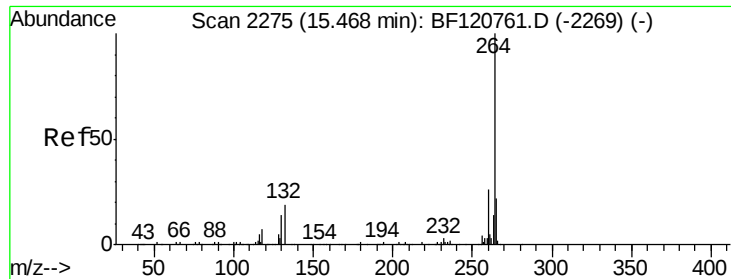
mohammad
7/13/2020 1:05:02 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.321 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.9	31.3
279	3.8	2.6	4.0





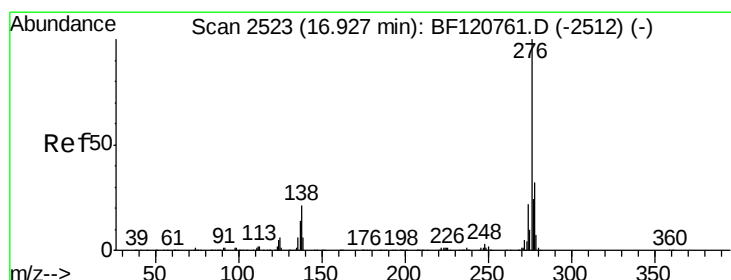
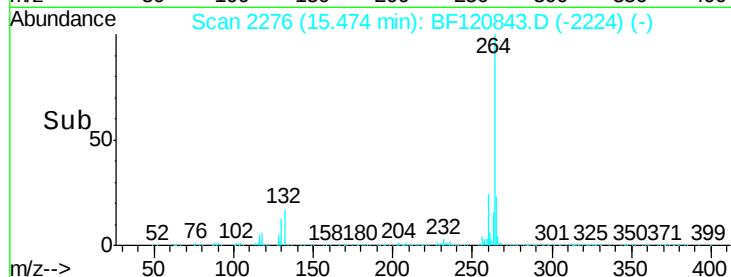
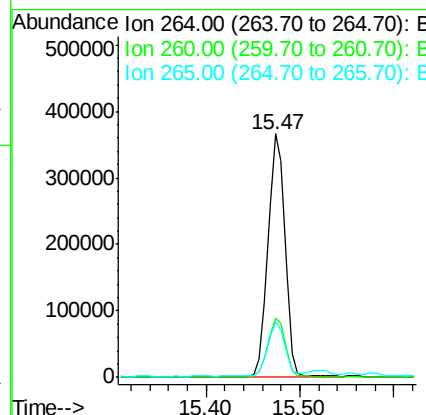
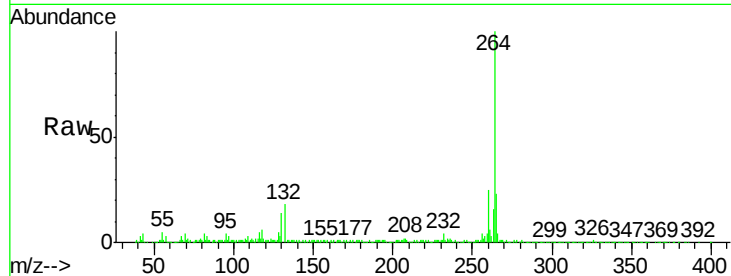
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Instrument :
BNA_F
ClientSampled :
CHRT-57

Tot Ion:	264	Resp:	461624
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.6	30.8
265	22.9	17.6	26.4

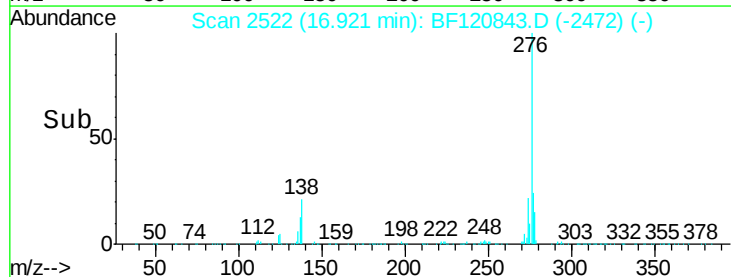
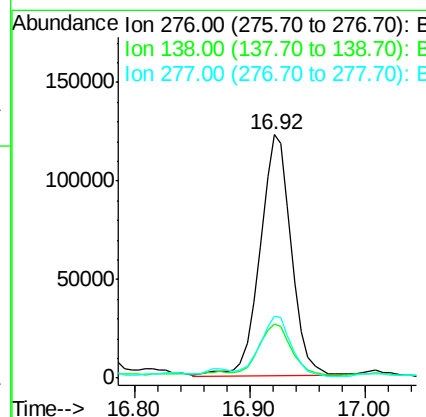
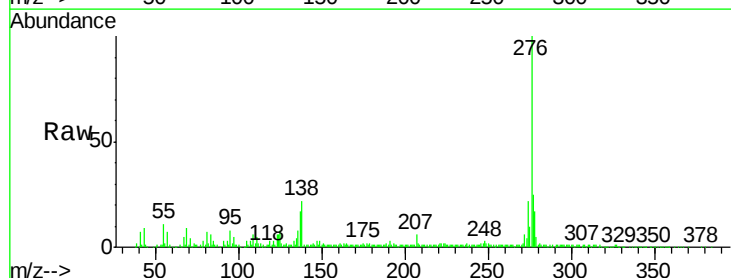
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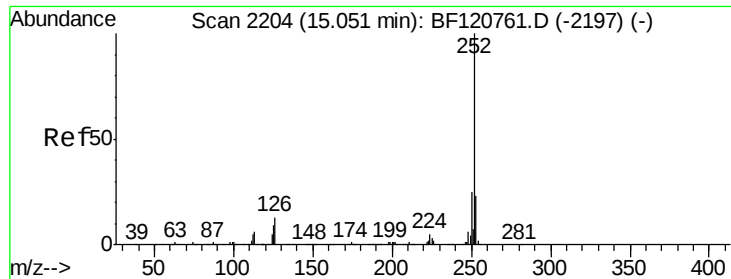
mohammad
7/13/2020 1:05:02 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.785 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Tgt Ion:	276	Resp:	230503
Ion Ratio	Lower	Upper	
276	100		
138	22.5	19.8	29.8
277	24.9	19.9	29.9





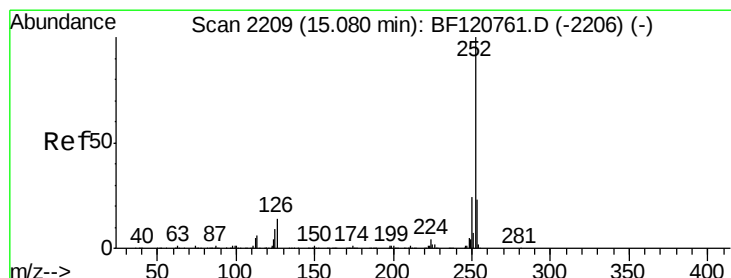
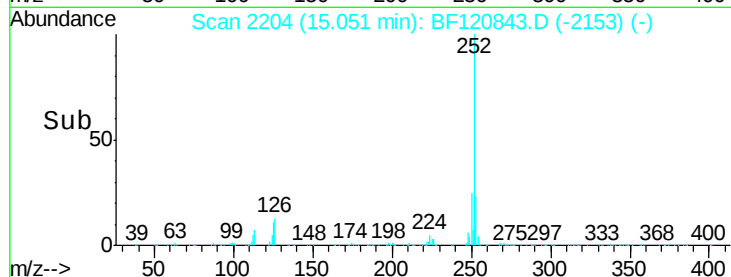
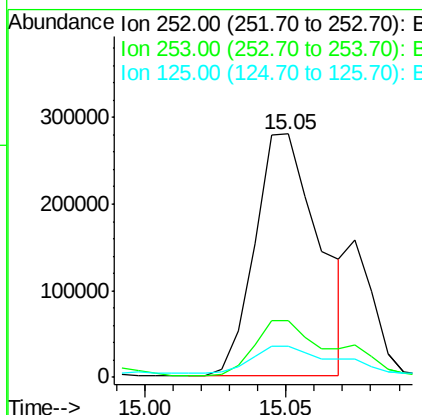
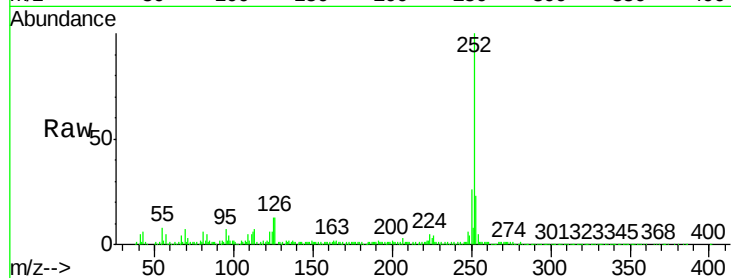
#88
Benzo(b)fluoranthene
Concen: 14.634 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Instrument :
BNA_F
ClientSampleId :
CHRT-57

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.6	7.5	11.3

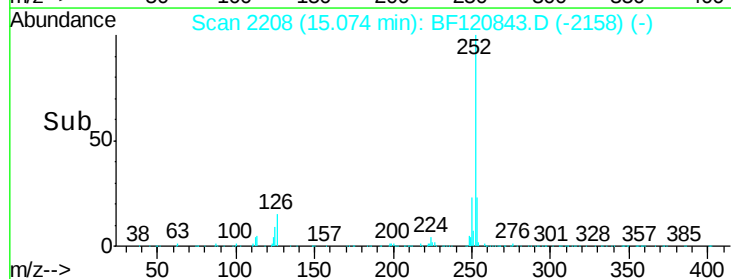
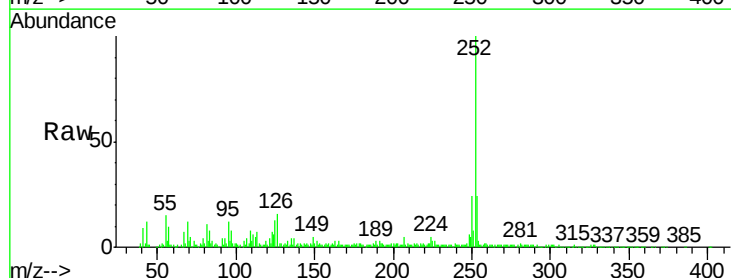
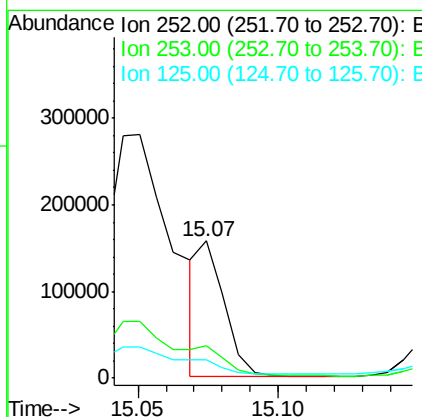
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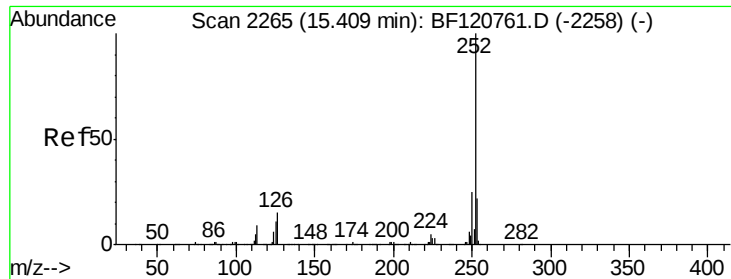
mohammad
7/13/2020 1:05:02 PM



#89
Benzo(k)fluoranthene
Concen: 3.396 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	13.0	7.6	11.4





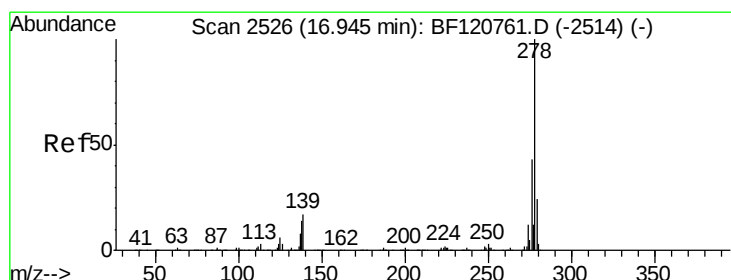
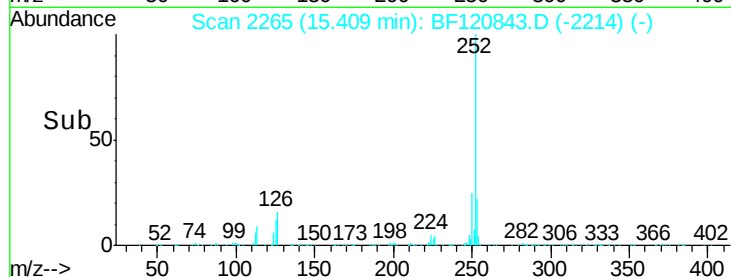
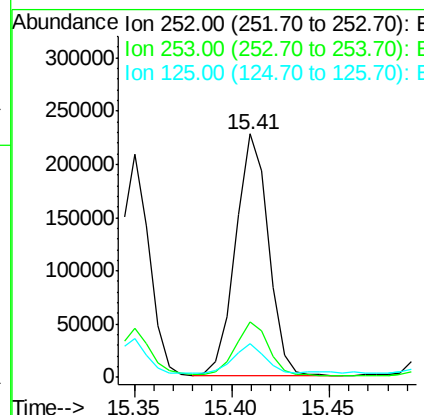
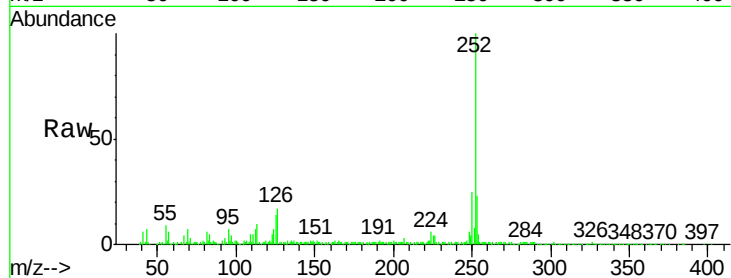
#90
Benzo(a)pyrene
Concen: 9.834 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Instrument :
BNA_F
ClientSampleId :
CHRT-57

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	13.7	9.2	13.8

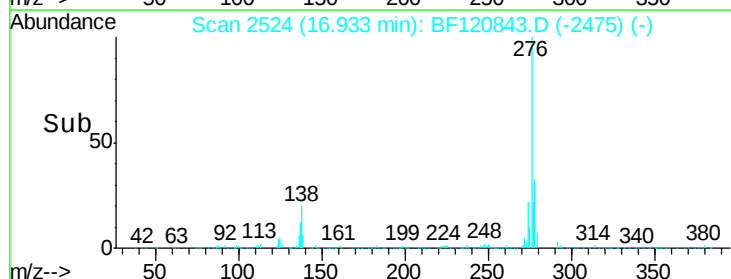
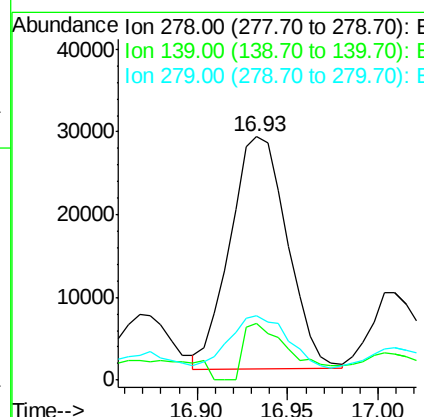
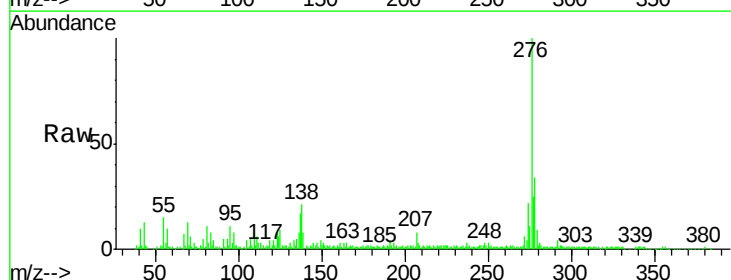
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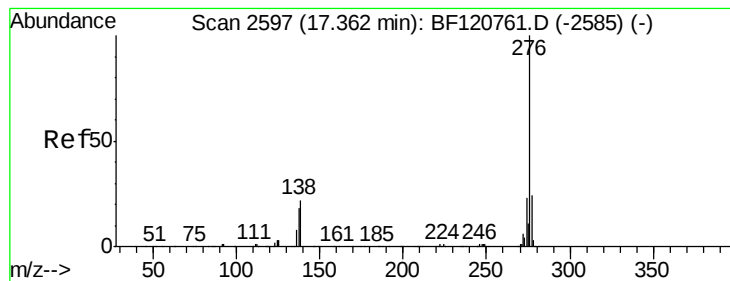
mohammad
7/13/2020 1:05:02 PM



#91
Dibenzo(a,h)anthracene
Concen: 2.485 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF120843.D
Acq: 10 Jul 2020 21:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	13.3	19.9#
279	26.7	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 9.992 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF120843.D

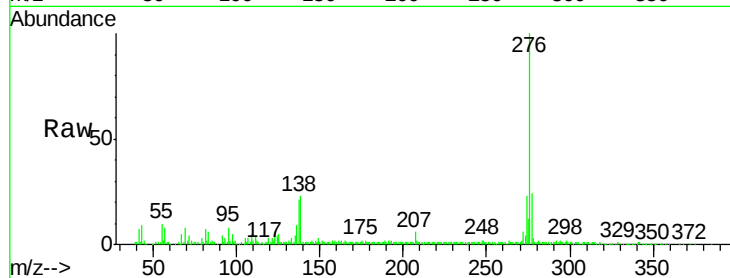
Acq: 10 Jul 2020 21:04

Instrument :

BNA_F

ClientSampleId :

CHRT-57



Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	23.2	17.4	26.2

Manual Integrations
APPROVED

mohammad
7/13/2020 1:05:02 PM

