

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120557.D
 Acq On : 5 Jun 2020 14:05
 Operator : JU/CG
 Sample : L2890-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26160

Manual Integrations
 APPROVED

mohammad
 6/8/2020 12:50:56 PM

Quant Time: Jun 05 17:04:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	189669	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	657924	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	250470	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	209941	20.00	ng	0.04
76) Chrysene-d12	13.98	240	422146	20.00	ng	0.00
86) Perylene-d12	15.43	264	412344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	834593	83.86	ng	0.00
7) Phenol-d6	6.46	99	1134977	92.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	769249	76.48	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	189308	81.57	ng	0.01
45) 2-Fluorobiphenyl	9.17	172	1141465	77.32	ng	0.00
79) Terphenyl-d14	12.94	244	886464	46.73	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	226715	14.479	ng	Qvalue # 88
75) Fluoranthene	12.59	202	204702	20.565	ng	92
78) Pyrene	12.81	202	201622	6.868	ng	# 95
81) Benzo(a)anthracene	13.97	228	114203	5.048	ng	93
83) Chrysene	14.01	228	170816	7.202	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	323947	22.516	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.85	276	99106	4.394	ng	99
88) Benzo(b)fluoranthene	15.01	252	229662m	10.028	ng	
89) Benzo(k)fluoranthene	15.03	252	51869m	2.426	ng	
90) Benzo(a)pyrene	15.36	252	121013	6.041	ng	# 96
92) Benzo(g,h,i)perylene	17.29	276	94932	5.235	ng	96

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

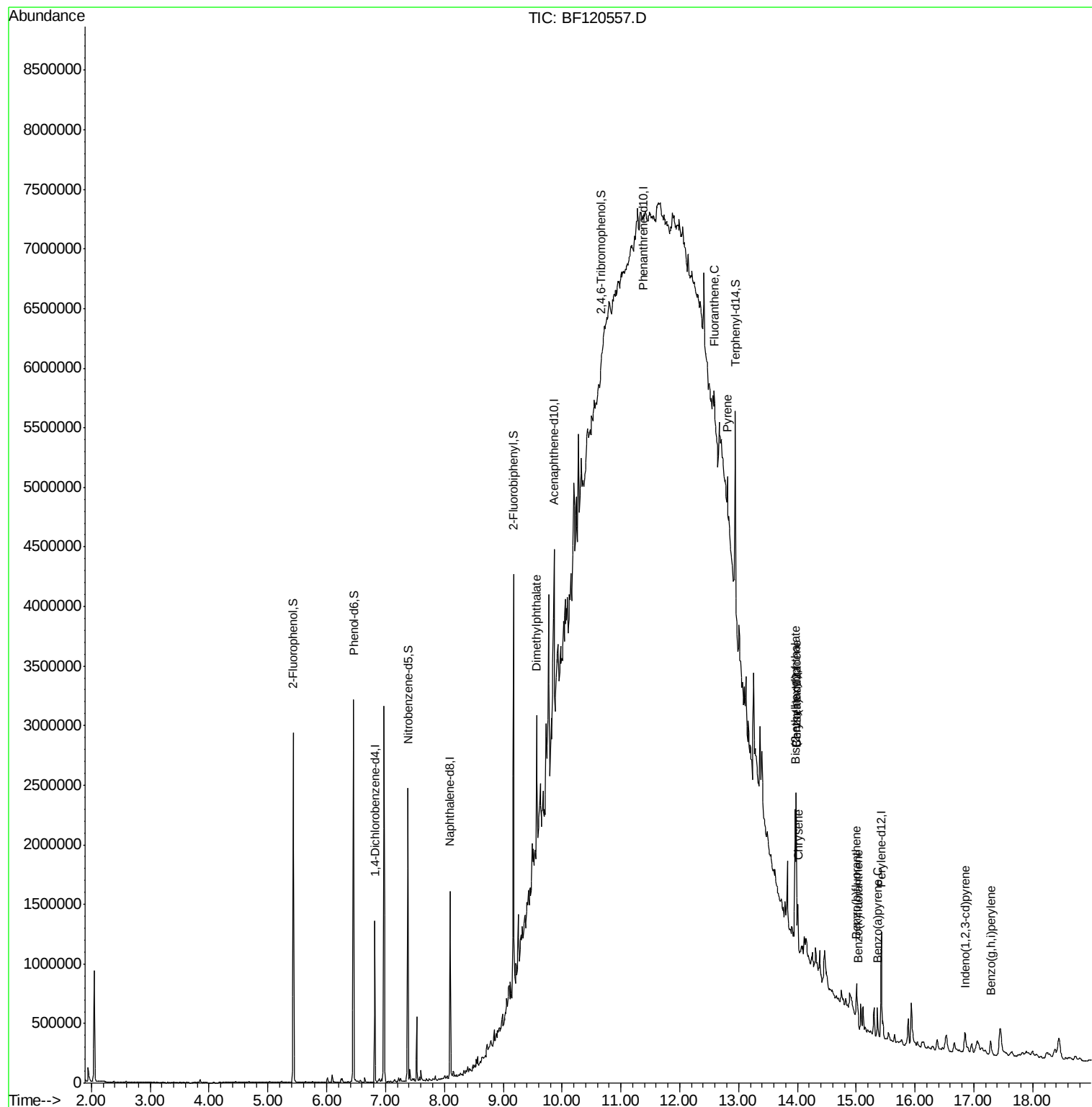
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120557.D
Acq On : 5 Jun 2020 14:05
Operator : JU/CG
Sample : L2890-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26160

Manual Integrations
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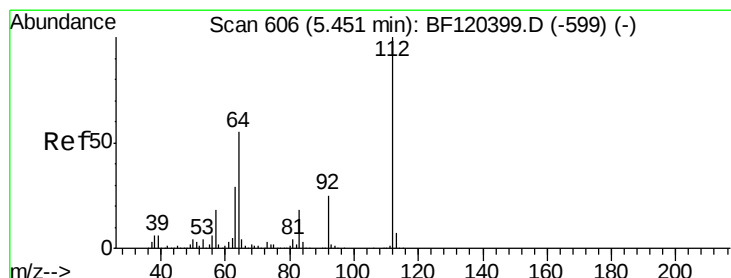
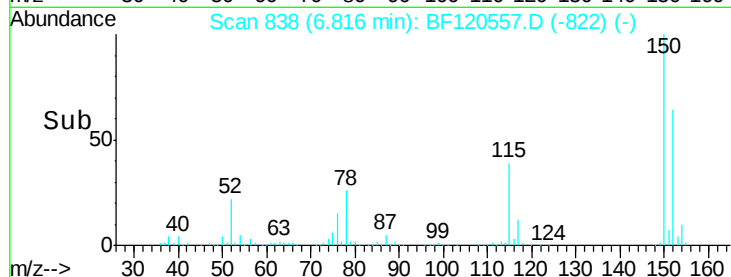
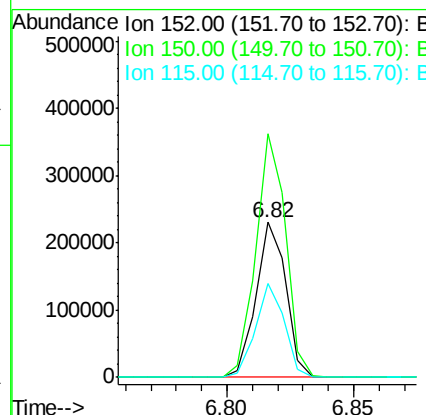
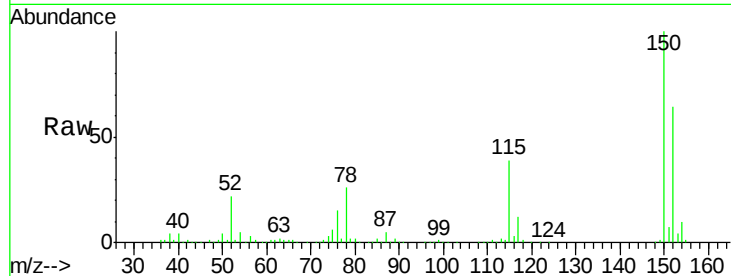
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF120557.D
 Acq: 5 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26160

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.4
115	60.6	43.8	65.6

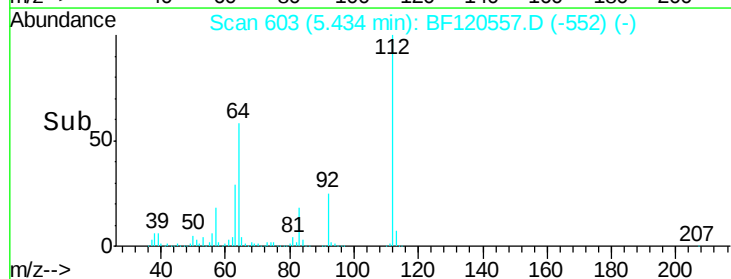
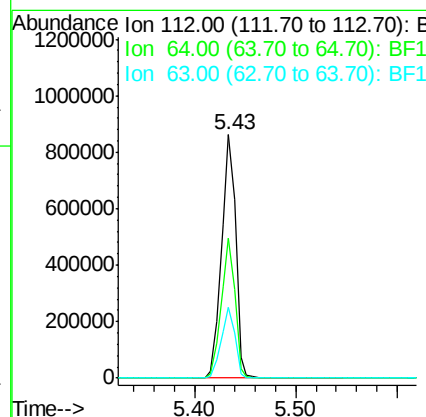
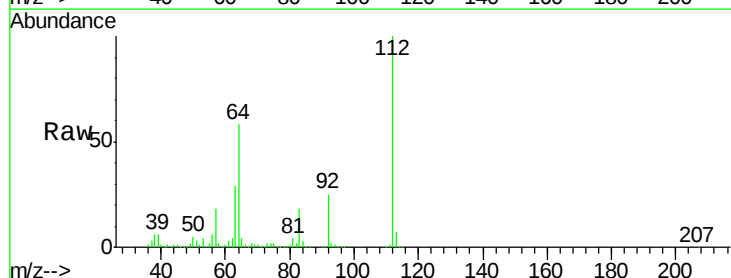
Manual Integrations
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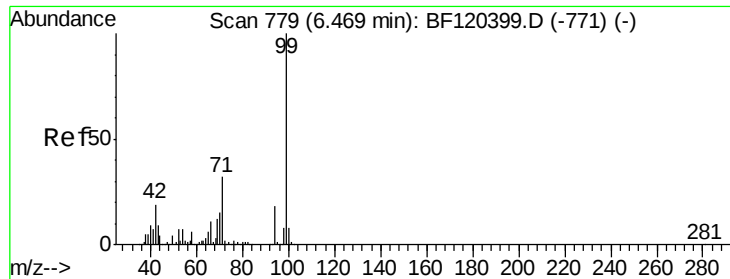
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#5
 2-Fluorophenol
 Concen: 83.858 ng
 RT: 5.43 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF120557.D
 Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.5	69.7
63	29.3	23.6	35.4





#7

Phenol-d6

Concen: 92.522 ng

RT: 6.46 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF120557.D

Acq: 5 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

CHRT-26160

Tot Ion: 99 Resp: 1134977

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

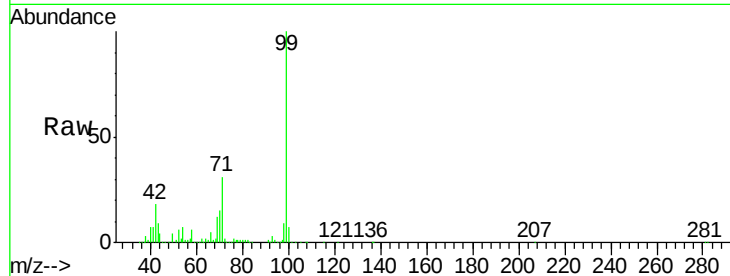
71 30.9 25.8 38.6

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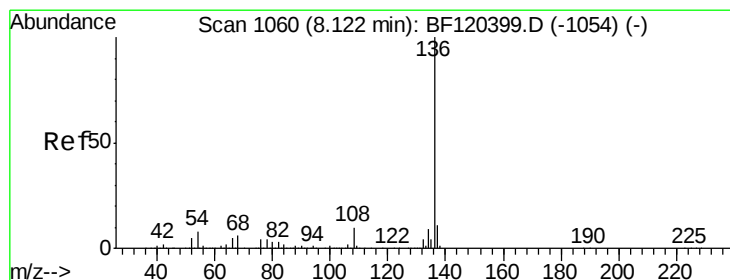
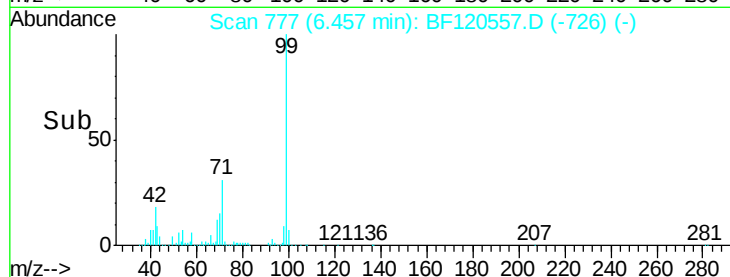
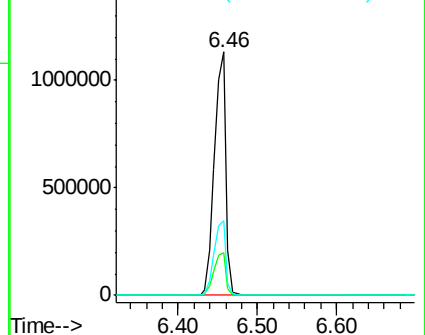
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF120557.D

Acq: 5 Jun 2020 14:05

Tgt Ion: 136 Resp: 657924

Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.0 5.1 7.7#

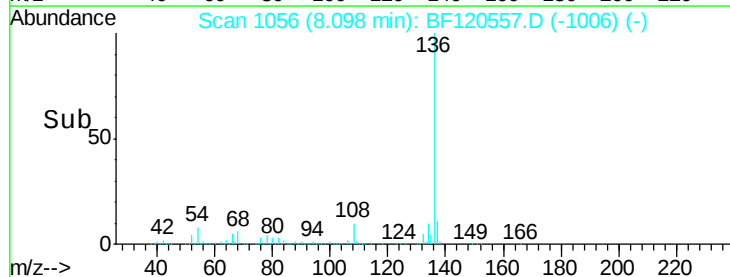
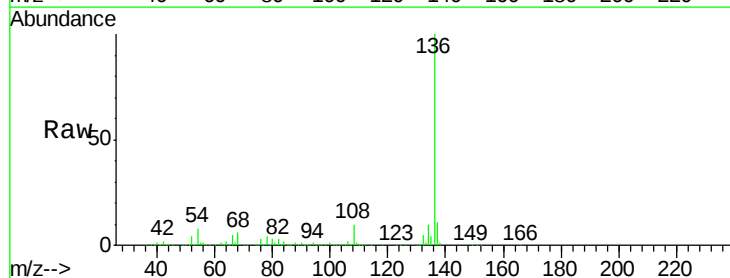
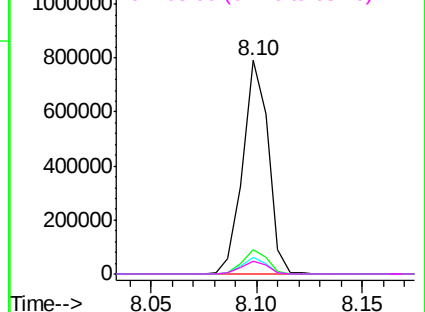
68 6.1 4.0 6.0#

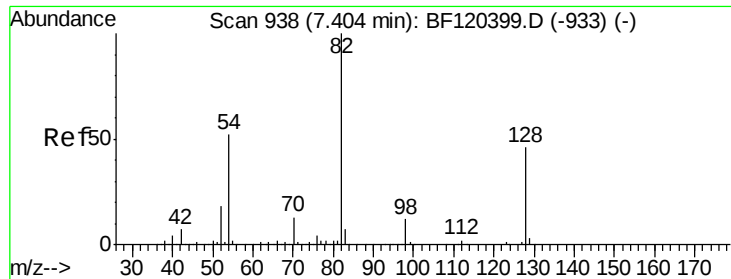
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





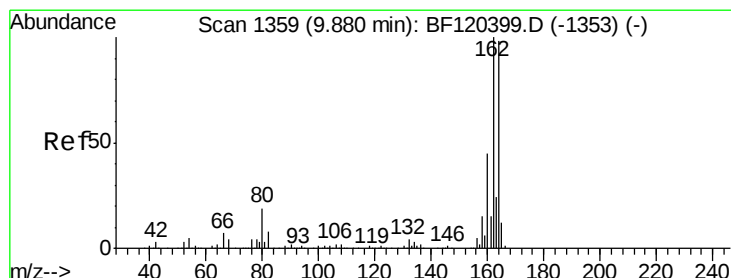
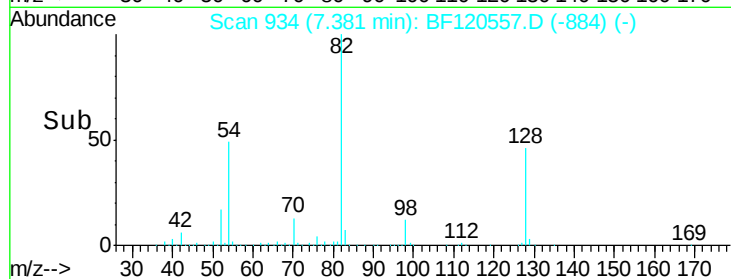
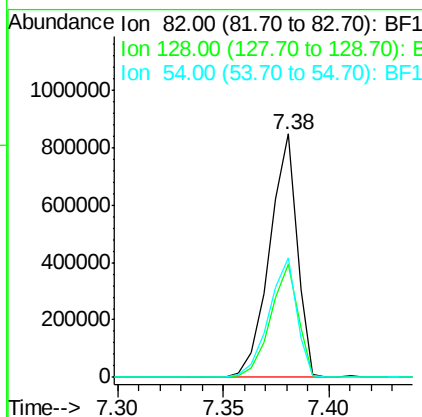
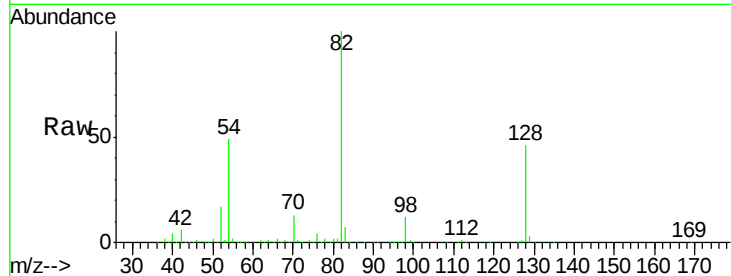
#23
Nitrobenzene-d5
Concen: 76.481 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26160

Tot Ion	82	Resp	769249
Ion Ratio	Lower	Upper	
82	100		
128	46.3	38.6	57.8
54	49.3	39.5	59.3

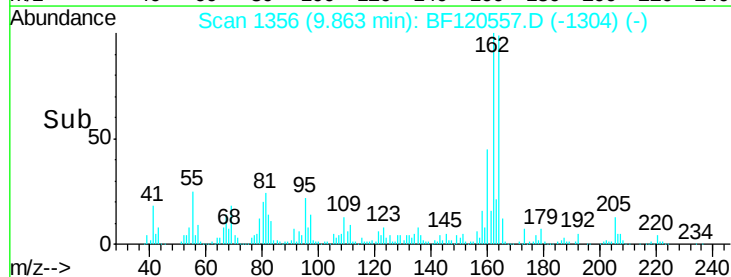
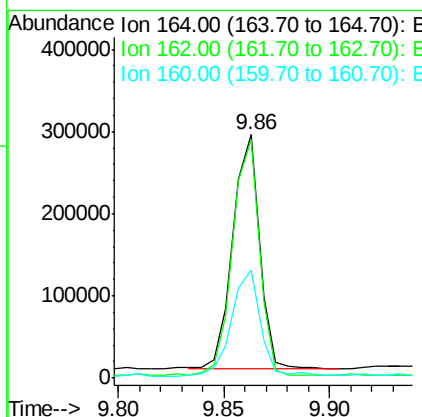
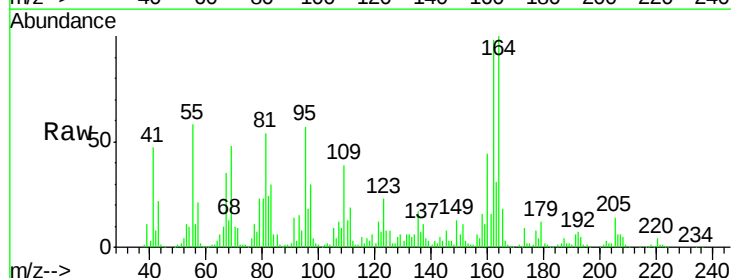
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Tgt Ion	164	Resp	250470
Ion Ratio	Lower	Upper	
164	100		
162	97.7	80.3	120.5
160	44.4	36.6	54.8





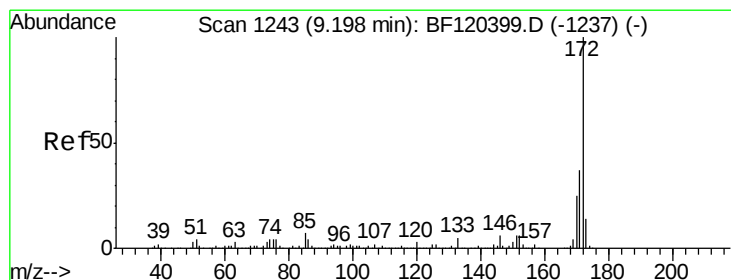
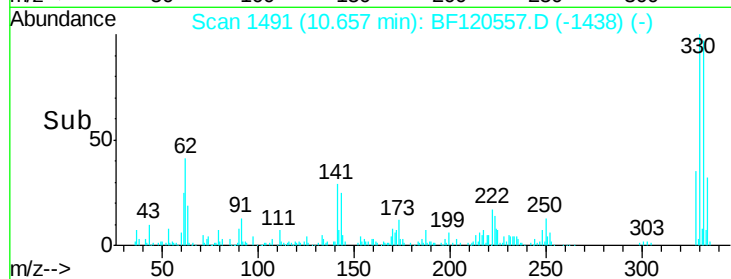
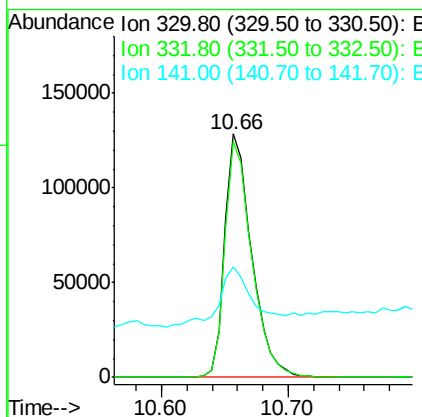
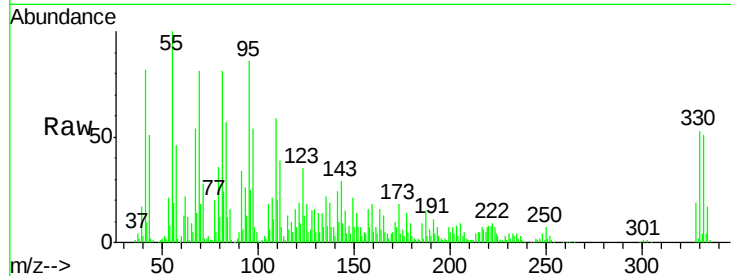
#42
 2,4,6-Tribromophenol
 Concen: 81.573 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BF120557.D
 Acq: 5 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26160

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	31.7	23.9	35.9

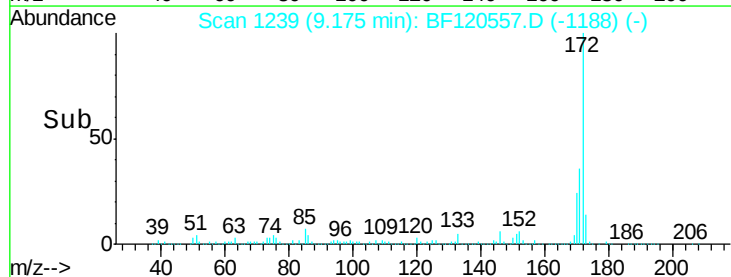
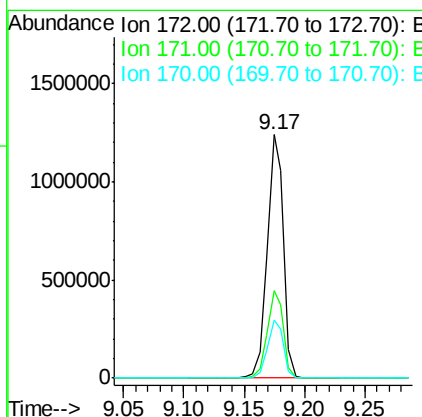
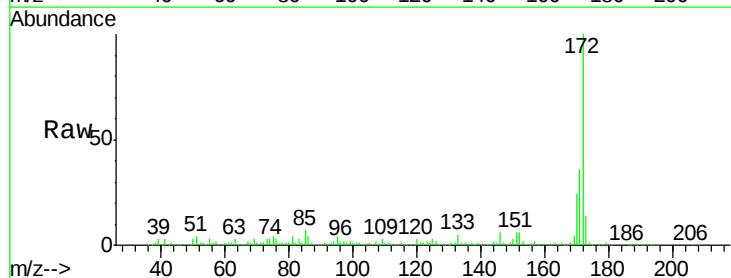
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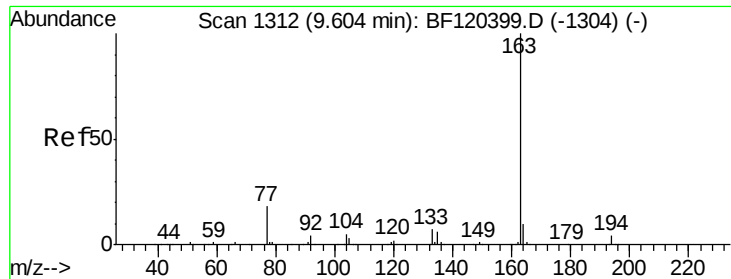
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#45
 2-Fluorobiphenyl
 Concen: 77.323 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF120557.D
 Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.9	19.0	28.6





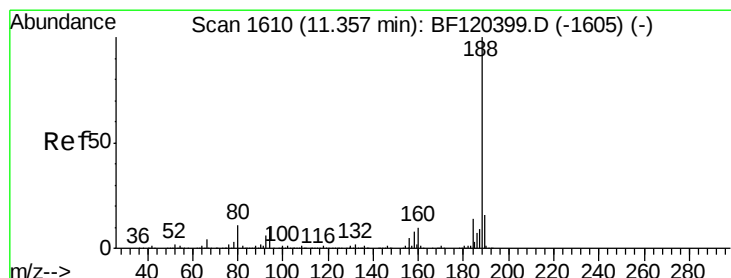
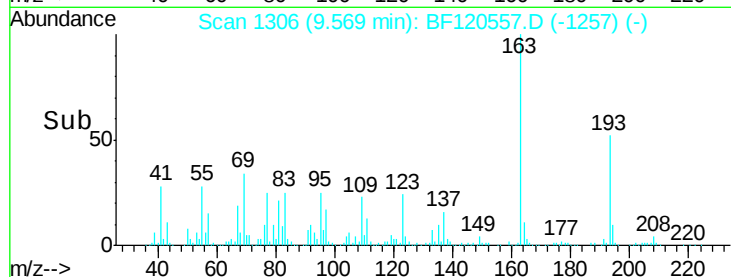
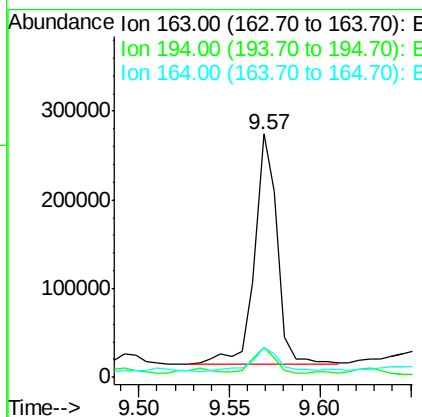
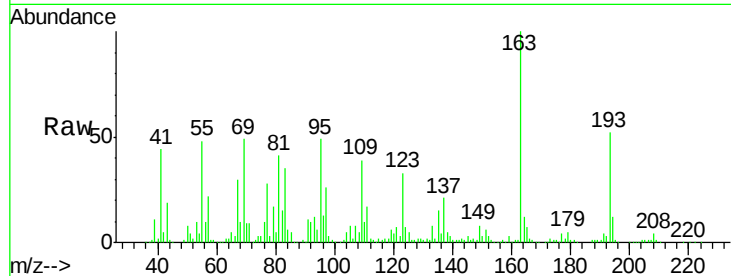
#50
Dimethylphthalate
Concen: 14.479 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
163	100		
194	12.2	3.3	4.9#
164	12.1	7.8	11.8#

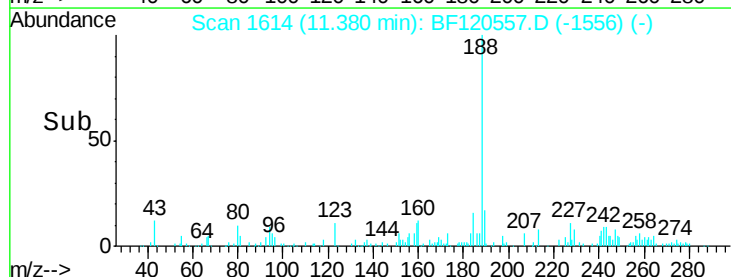
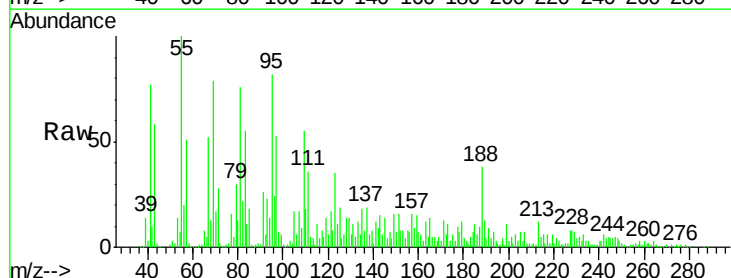
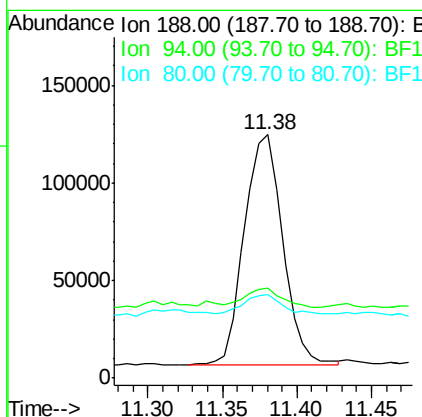
Manual Integrations
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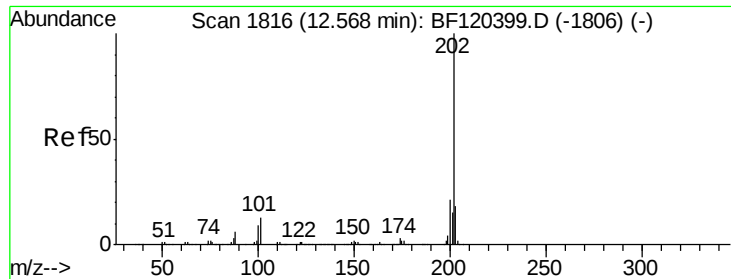
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1614
Delta R.T. 0.04 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	37.1	7.0	10.6#
80	34.5	7.4	11.0#





#75

Fluoranthene

Concen: 20.565 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.04 min

Lab File: BF120557.D

Acq: 5 Jun 2020 14:05

Instrument :

BNA_F

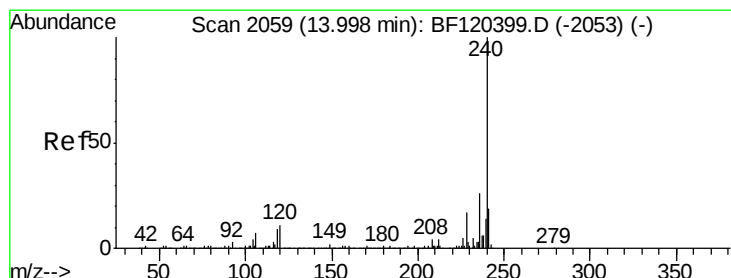
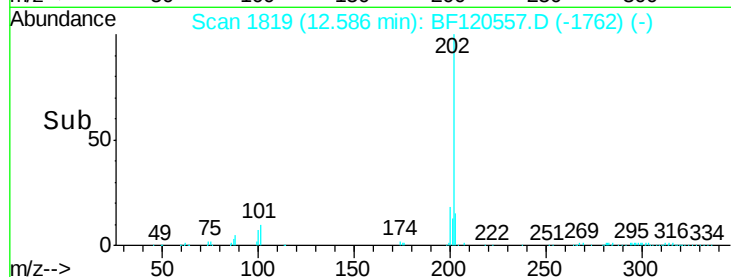
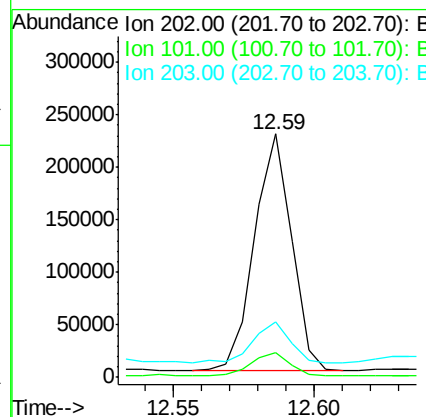
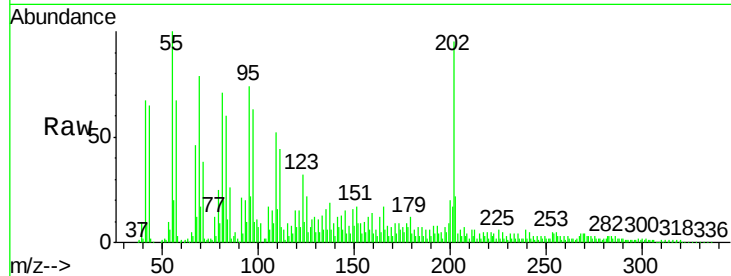
ClientSampleId :

CHRT-26160

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	32.2
203	22.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

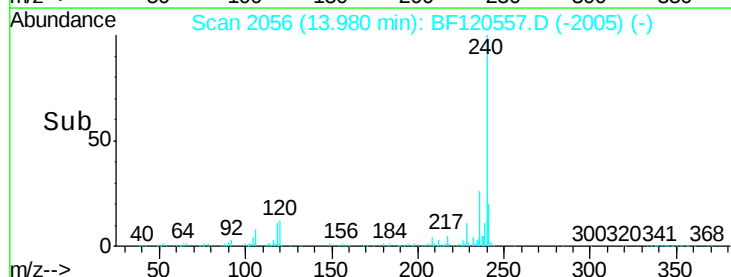
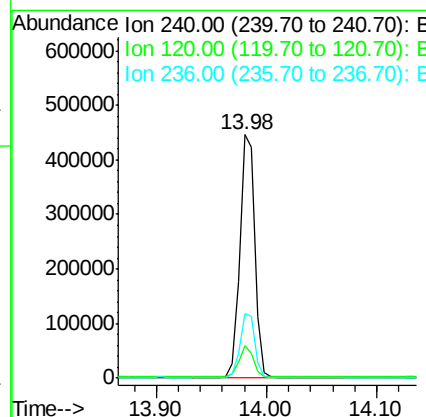
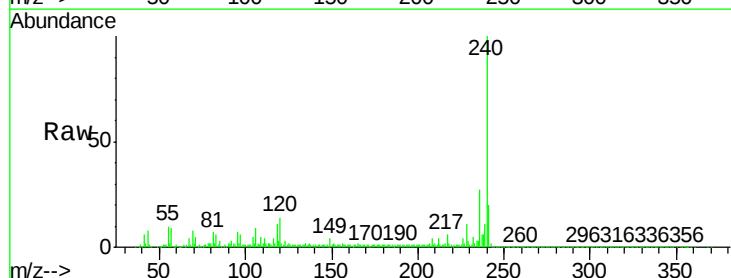
RT: 13.98 min Scan# 2056

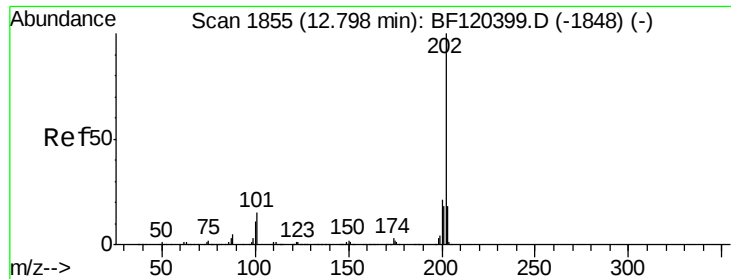
Delta R.T. 0.00 min

Lab File: BF120557.D

Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	9.1	13.7
236	26.6	21.3	31.9





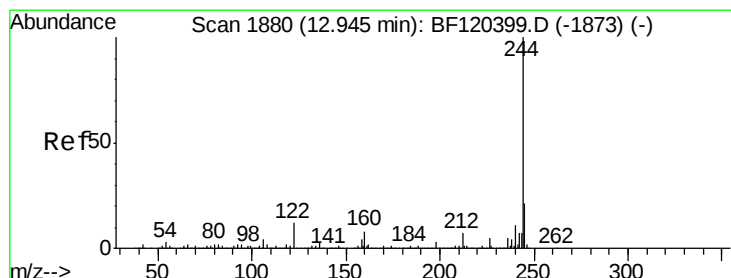
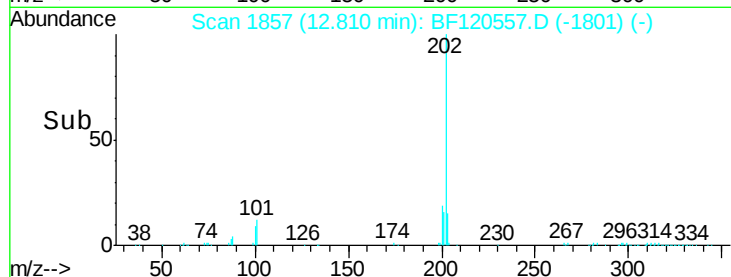
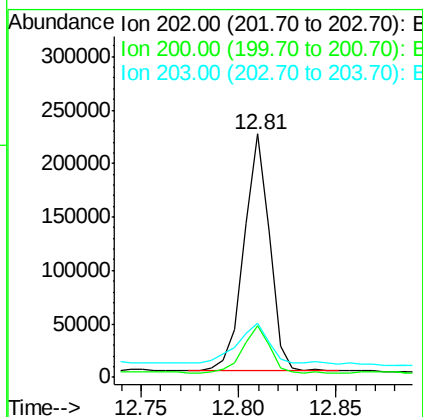
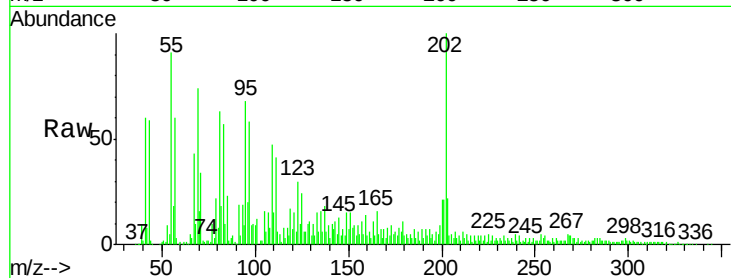
#78
Pvrene
Concen: 6.868 ng
RT: 12.81 min Scan# 1857
Delta R.T. 0.03 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	16.6	24.8
203	22.1	14.4	21.6

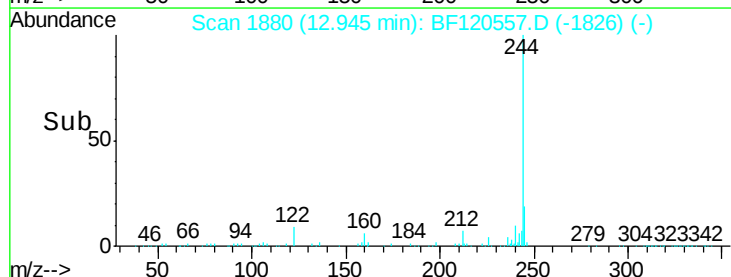
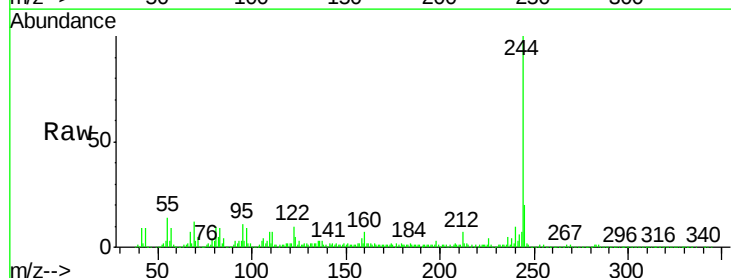
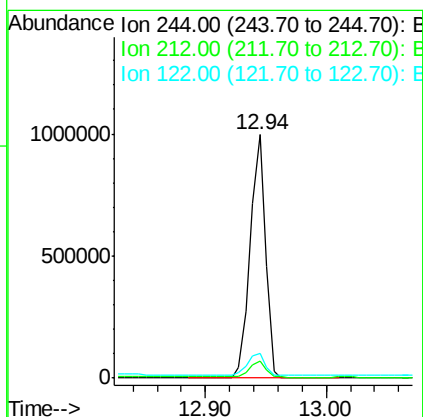
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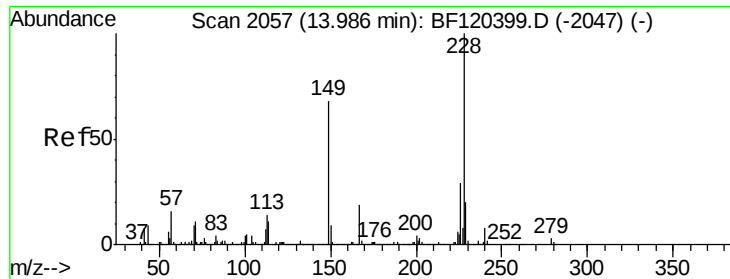
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#79
Terphenyl-d14
Concen: 46.728 ng
RT: 12.94 min Scan# 1880
Delta R.T. 0.02 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.3	7.9
122	10.3	8.4	12.6





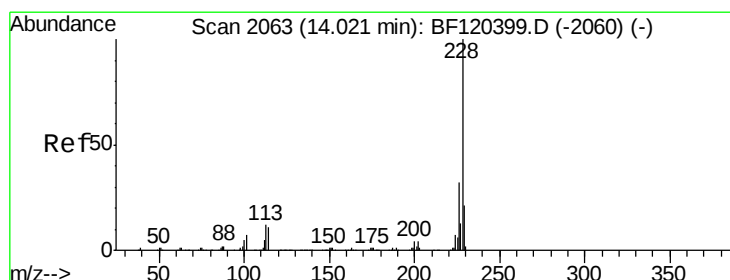
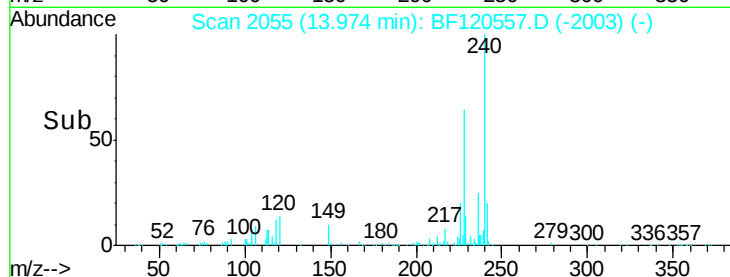
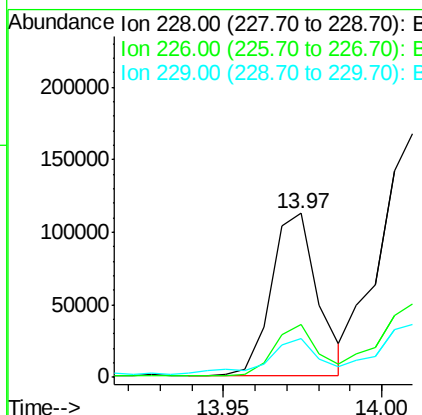
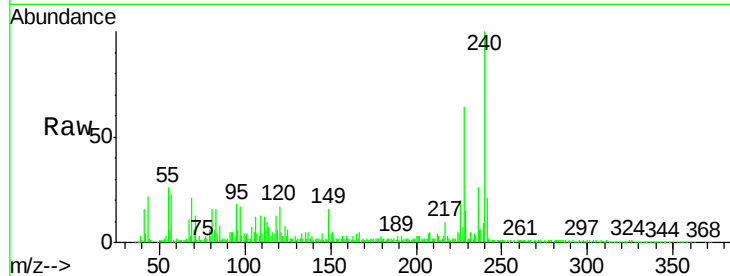
#81
Benzo(a)anthracene
Concen: 5.048 ng
RT: 13.97 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.7	34.1
229	23.5	16.2	24.4

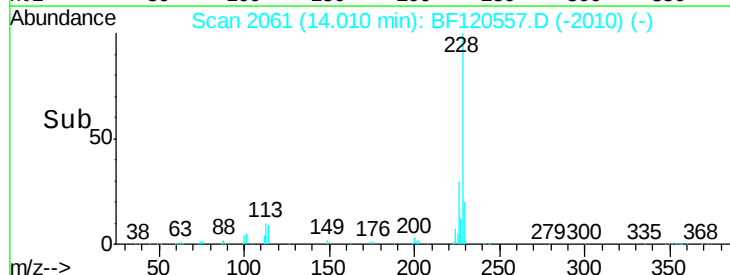
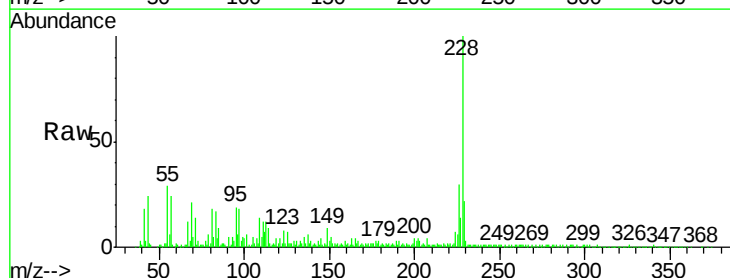
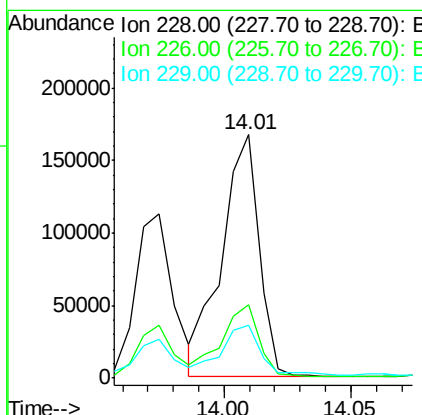
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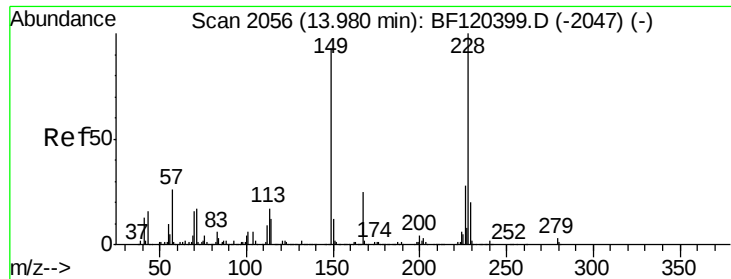
mohammad
6/8/2020 12:50:56 PM



#83
Chrysene
Concen: 7.202 ng
RT: 14.01 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	21.7	15.6	23.4





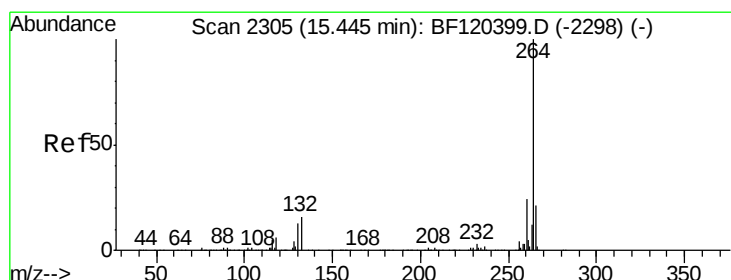
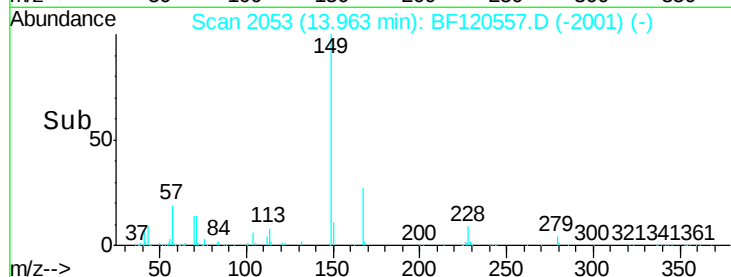
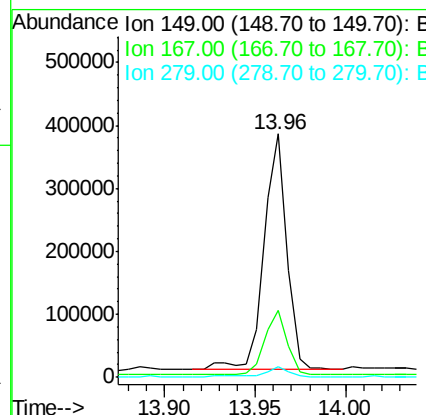
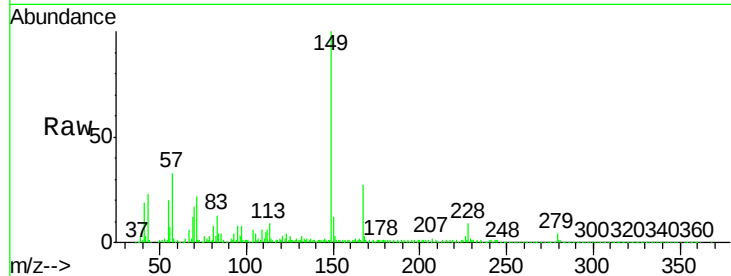
#84
Bis(2-ethylhexyl)phthalate
Concen: 22.516 ng
RT: 13.96 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.6
279	4.1	2.7	4.1#

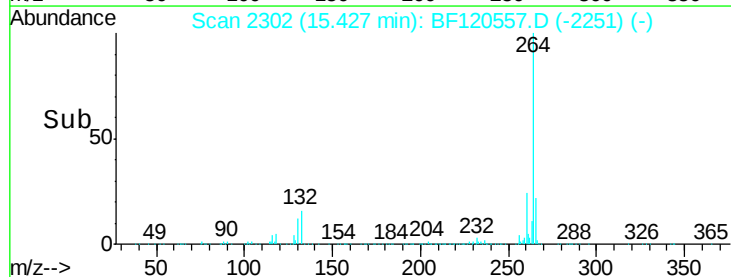
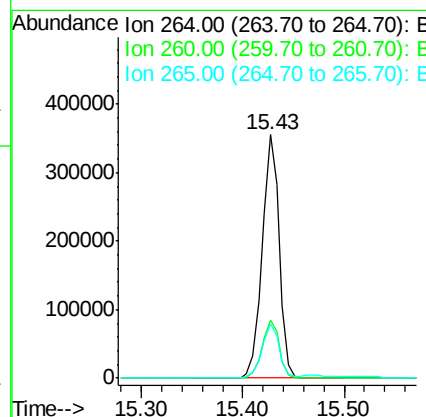
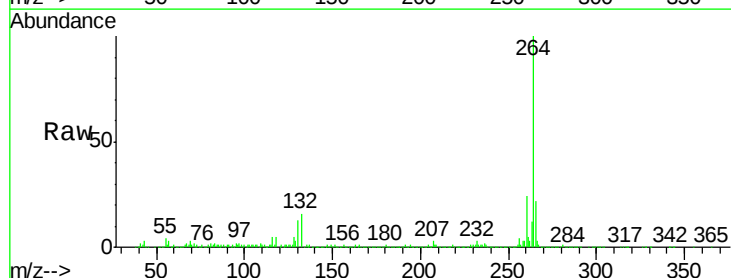
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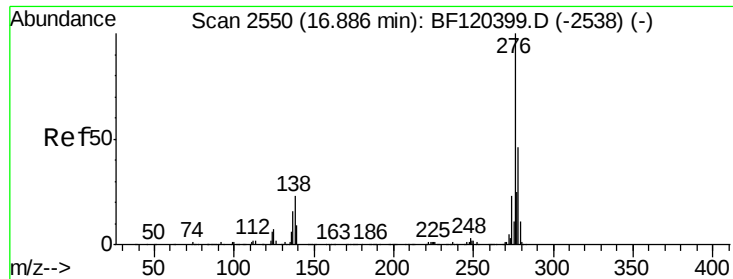
mohammad
6/8/2020 12:50:56 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.4	17.2	25.8





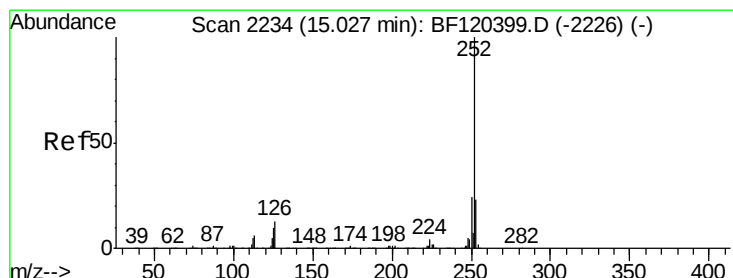
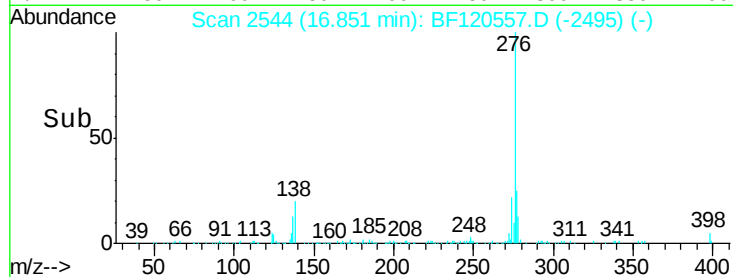
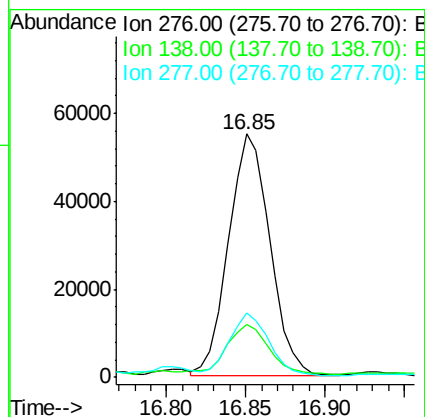
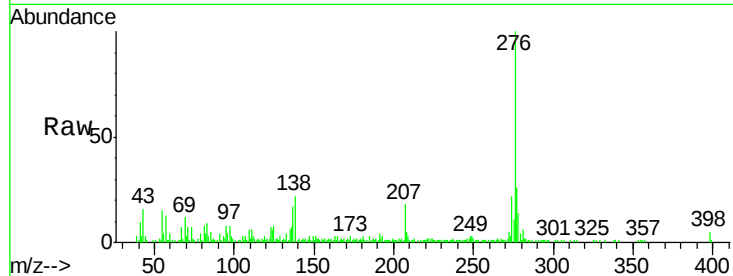
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.394 ng
 RT: 16.85 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF120557.D
 Acq: 5 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26160

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.8	26.8
277	24.8	20.1	30.1

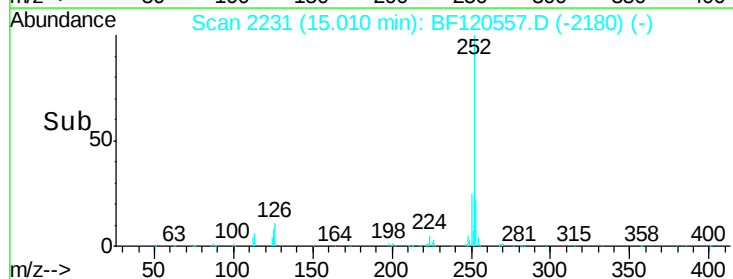
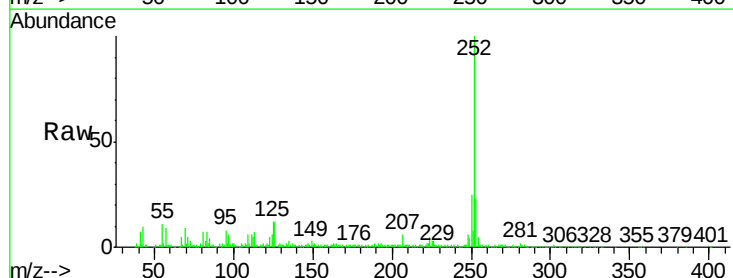
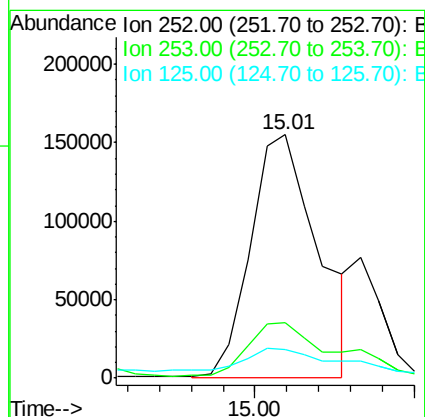
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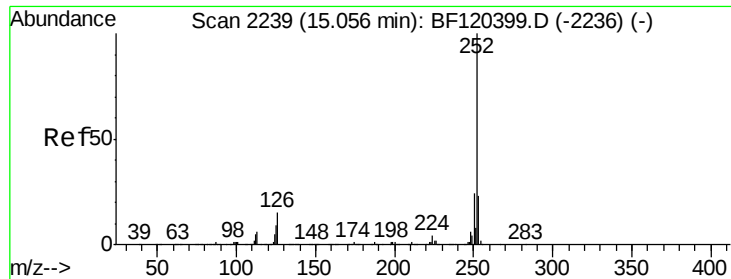
mohammad
 6/8/2020 12:50:56 PM



#88
 Benzo(b)fluoranthene
 Concen: 10.028 ng m
 RT: 15.01 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BF120557.D
 Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.8	6.7	10.1





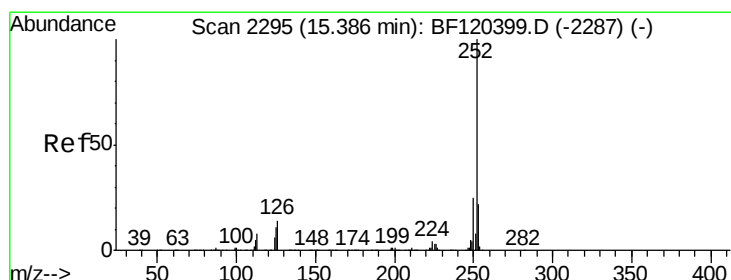
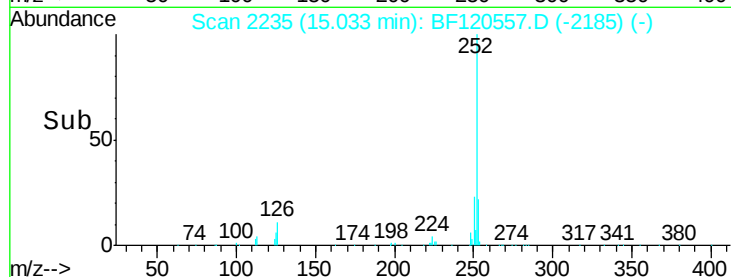
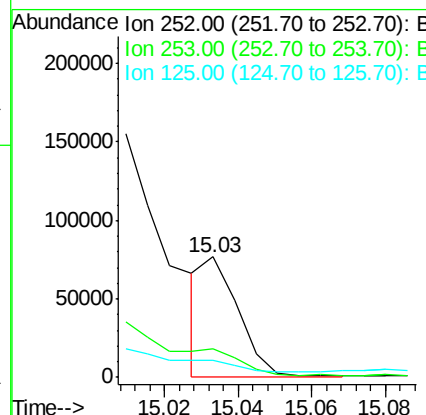
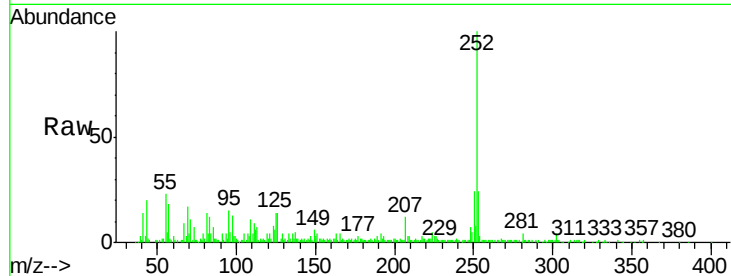
#89
Benzo(k)fluoranthene
Concen: 2.426 ng m
RT: 15.03 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	14.2	6.8	10.2

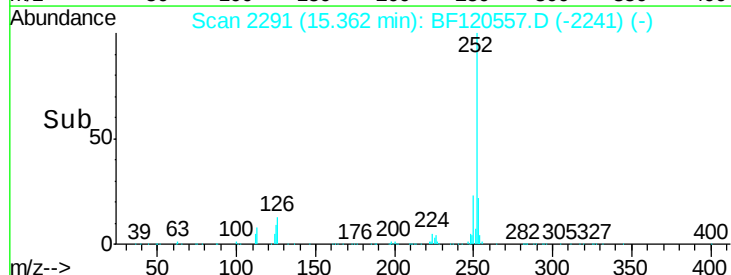
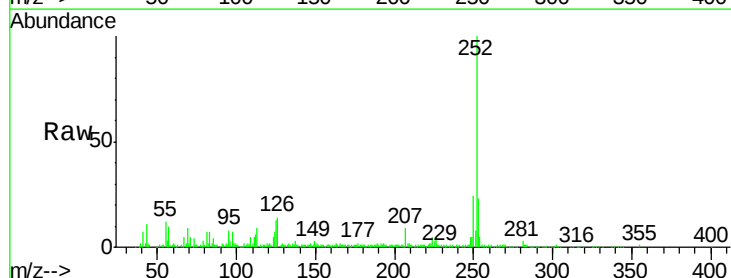
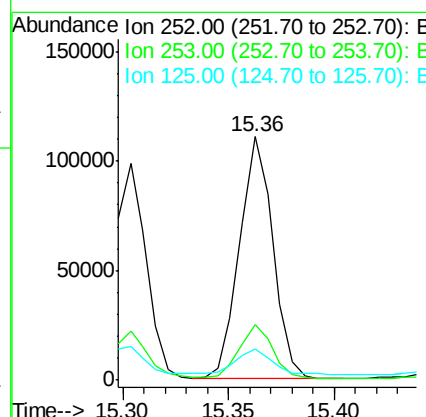
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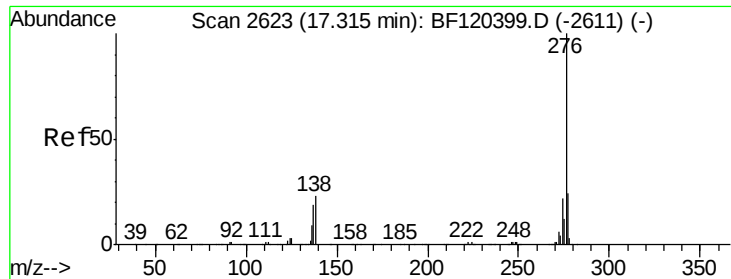
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#90
Benzo(a)pyrene
Concen: 6.041 ng
RT: 15.36 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF120557.D
Acq: 5 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.7	7.8	11.8





#92
 Benzo(a,h,i)perylene
 Concen: 5.235 ng
 RT: 17.29 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF120557.D
 Acq: 5 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26160

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	25.2	18.8	28.2		
138	21.1	15.4	23.0		

Manual Integrations
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