

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120842.D
 Acq On : 10 Jul 2020 20:35
 Operator : JU/CG
 Sample : L3255-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-17

Manual Integrations
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Quant Time: Jul 11 06:44:26 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	188324	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	690483	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	340758	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	616387	20.00	ng	0.00
76) Chrysene-d12	14.00	240	394643	20.00	ng	0.00
86) Perylene-d12	15.47	264	389401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1183343	97.00	ng	0.00
7) Phenol-d6	6.47	99	1469815	94.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	931233	78.14	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	347498	101.51	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1571394	69.77	ng	0.00
79) Terphenyl-d14	12.96	244	1544640	76.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	262028	10.541	ng	99
75) Fluoranthene	12.58	202	72862	2.045	ng	98
78) Pyrene	12.81	202	69232	2.197	ng	98
88) Benzo(b)fluoranthene	15.04	252	62301m	2.434	ng	
92) Benzo(g,h,i)perylene	17.34	276	45970	2.416	ng	94

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

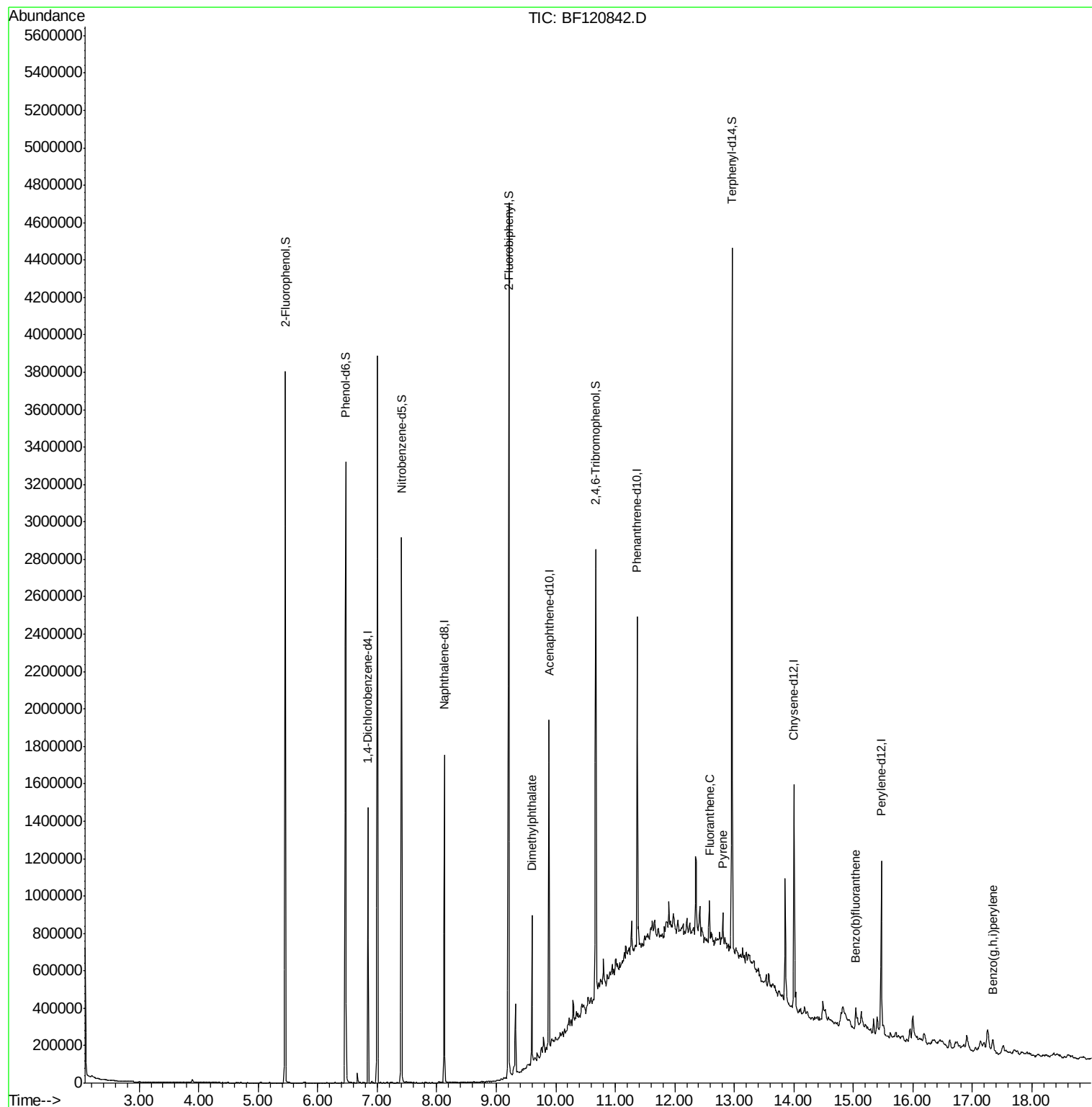
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120842.D
Acq On : 10 Jul 2020 20:35
Operator : JU/CG
Sample : L3255-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

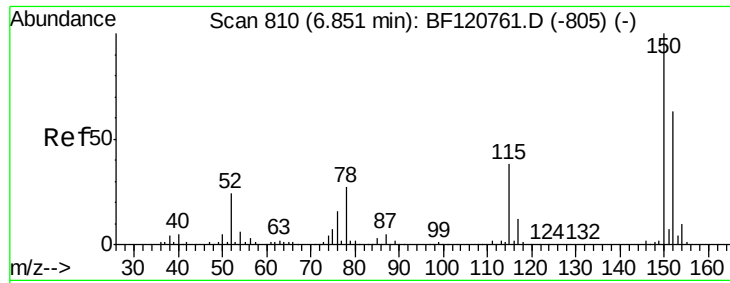
Instrument :
BNA_F
ClientSampleId :
CHRT-17

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Quant Time: Jul 11 06:44:26 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





#1

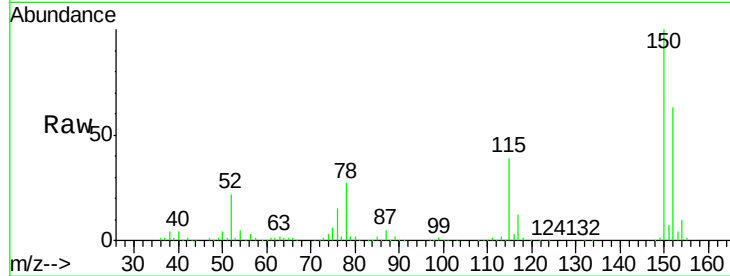
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Instrument :
BNA_F
ClientSampleId :
CHRT-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.1	189.1
115	61.8	48.5	72.7

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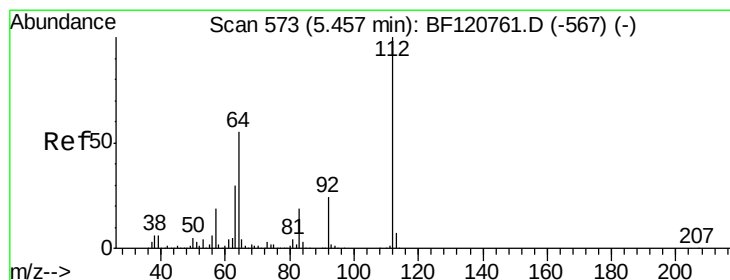
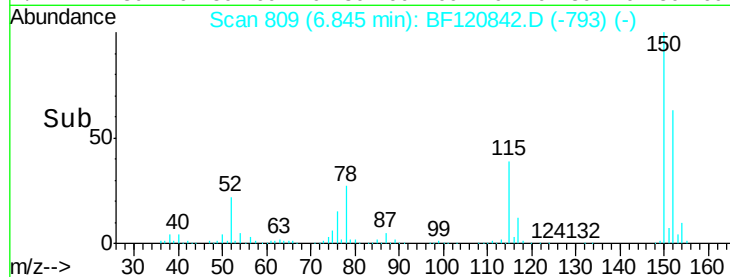
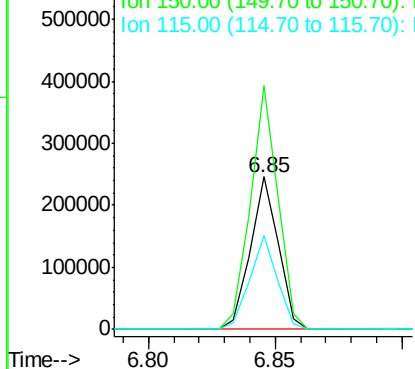


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

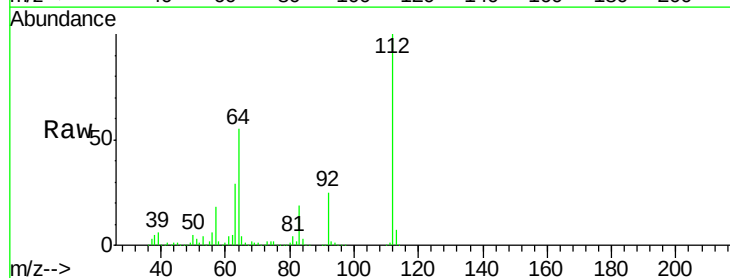
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.996 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.8	65.6
63	29.1	23.6	35.4

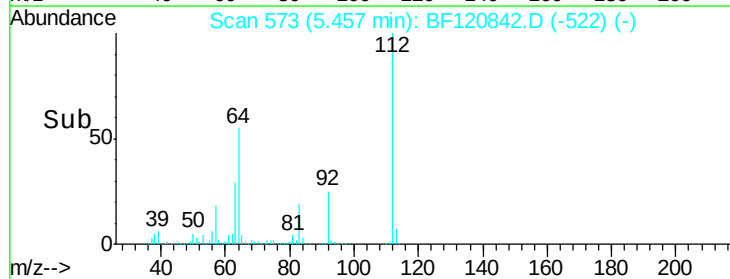
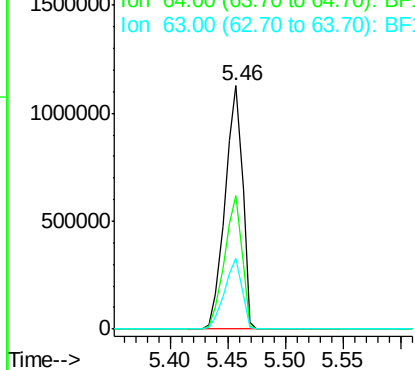


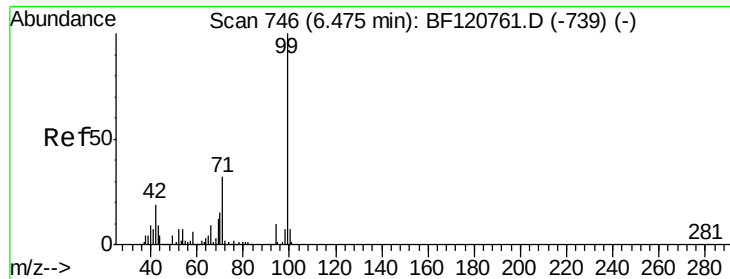
Abundance

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: 94.341 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120842.D

Acq: 10 Jul 2020 20:35

Instrument :

BNA_F

ClientSampleId :

CHRT-17

Tot Ion: 99 Resp: 1469815

Ion Ratio Lower Upper

99 100

42 17.4 15.4 23.0

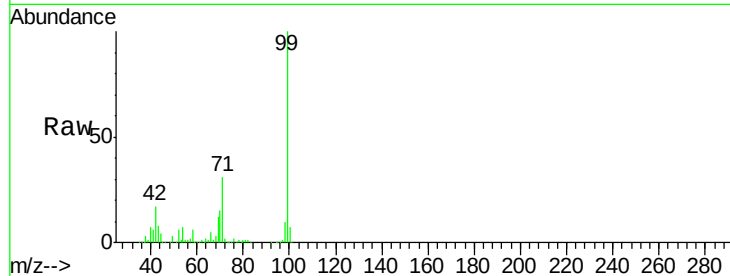
71 30.9 25.9 38.9

Manual Integrations

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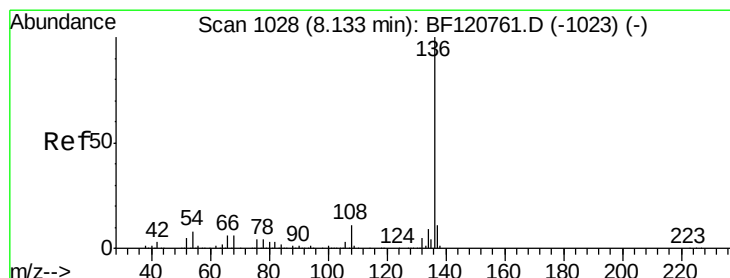
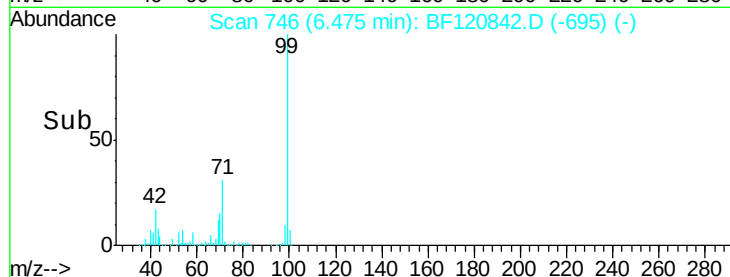
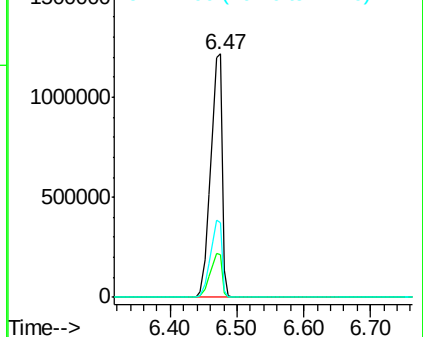
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120842.D

Acq: 10 Jul 2020 20:35

Tgt Ion: 136 Resp: 690483

Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.9 6.2 9.4

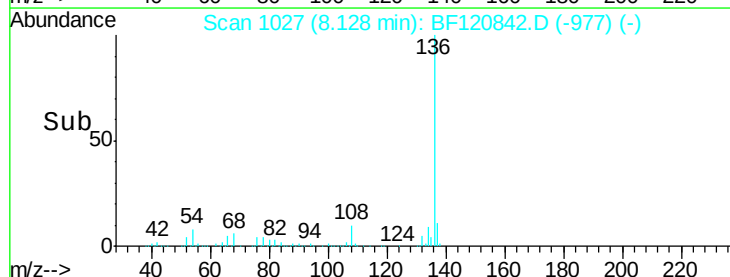
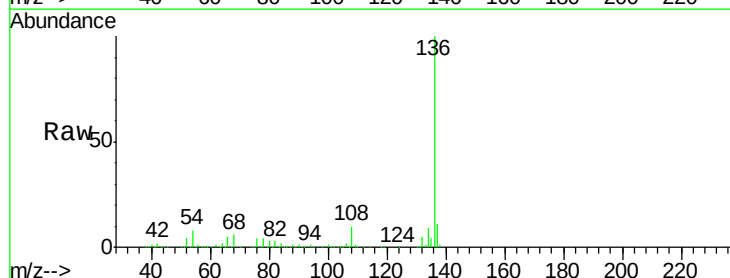
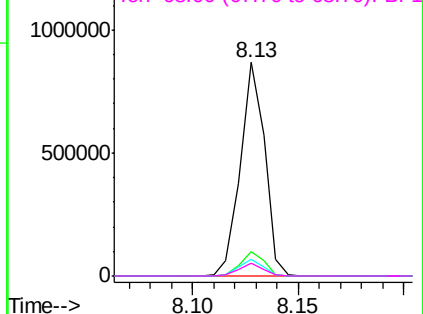
68 5.8 4.7 7.1

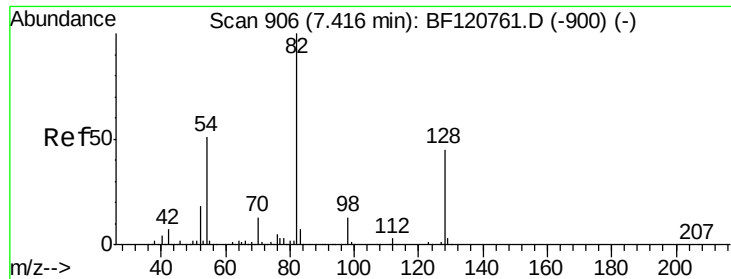
Abundance Ion 136.00 (135.70 to 136.70): E

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





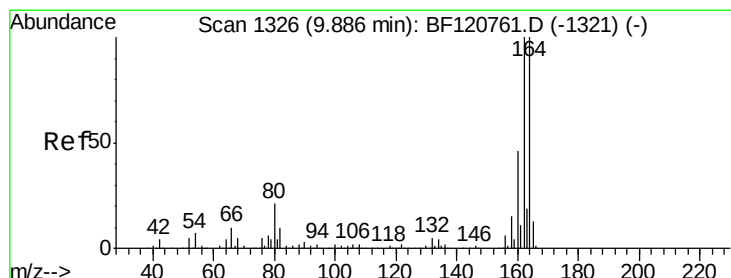
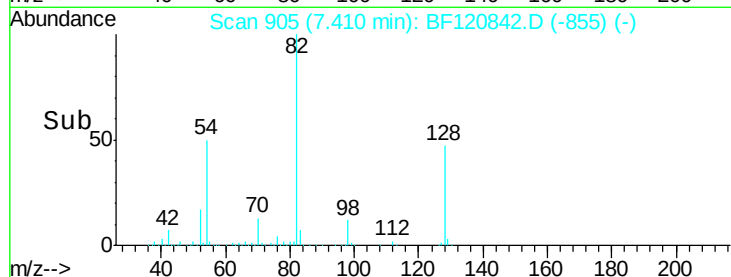
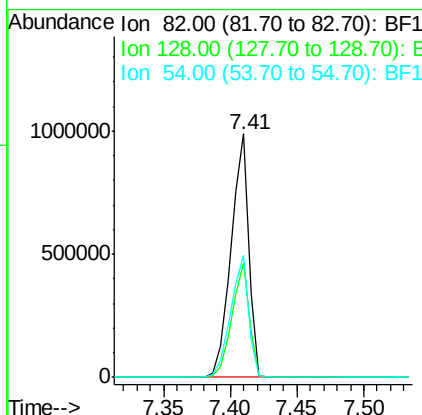
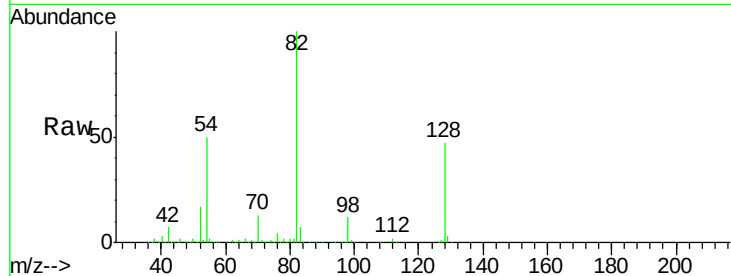
#23
 Nitrobenzene-d5
 Concen: 78.139 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120842.D
 Acq: 10 Jul 2020 20:35

Instrument :
 BNA_F
 ClientSampled :
 CHRT-17

Tot Ion	Ratio	Resp	Lower	Upper
82	100	931233		
128	46.8	35.7	53.5	
54	49.9	40.9	61.3	

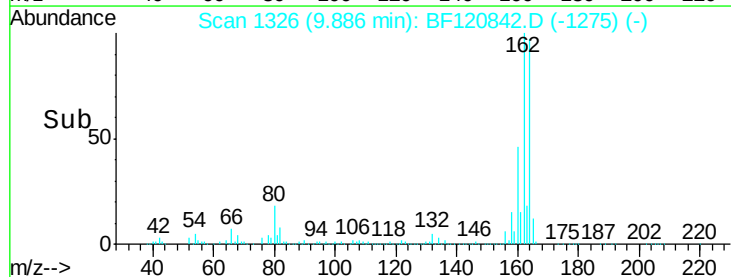
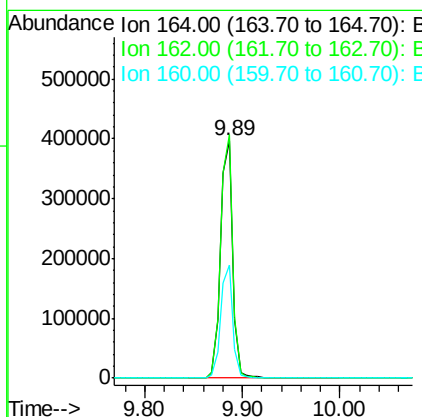
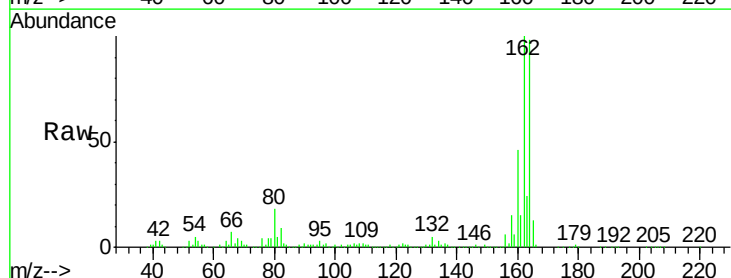
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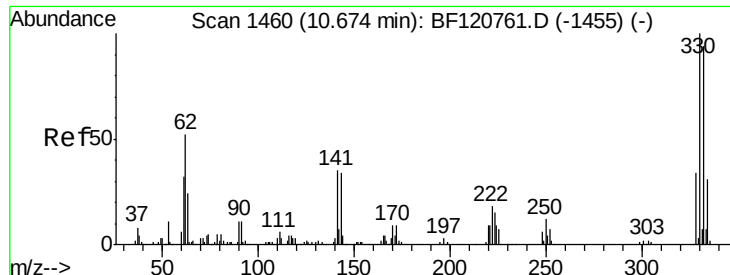
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120842.D
 Acq: 10 Jul 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	340758		
162	102.5	80.2	120.2	
160	47.5	36.9	55.3	





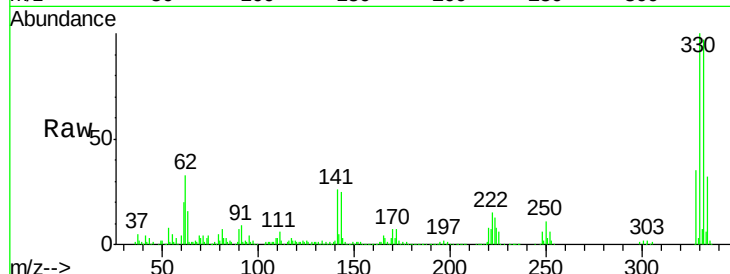
#42
 2,4,6-Tribromophenol
 Concen: 101.506 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120842.D
 Acq: 10 Jul 2020 20:35

Instrument :
 BNA_F
 ClientSampled :
 CHRT-17

Tot Ion	Ratio	Resp	Lower	Upper
330	100	347498		
332	96.5	75.8	113.6	
141	32.1	29.7	44.5	

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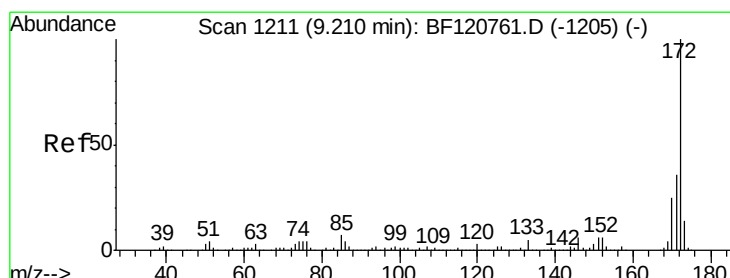
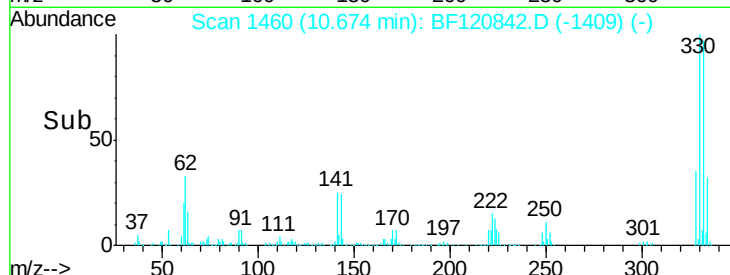
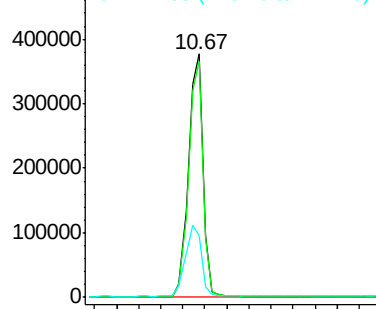


Abundance

Ion 329.80 (329.50 to 330.50): E

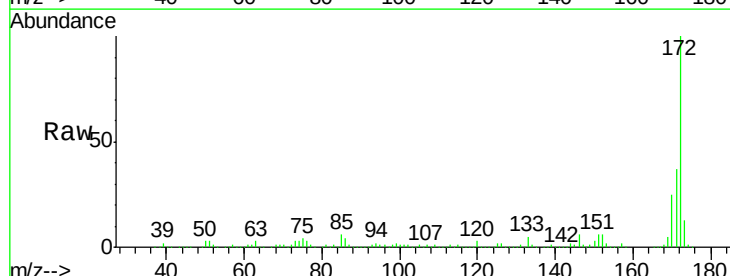
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.769 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120842.D
 Acq: 10 Jul 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1571394		
171	36.6	29.1	43.7	
170	24.8	19.8	29.6	

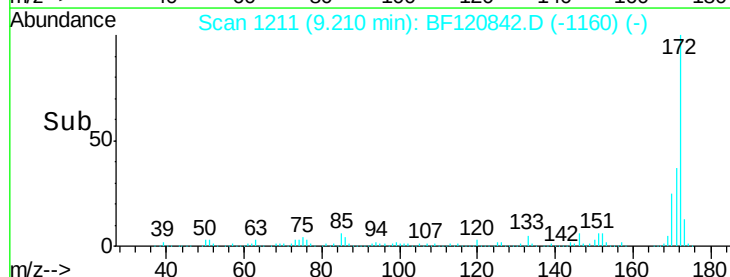
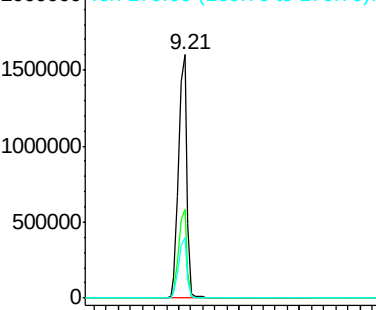


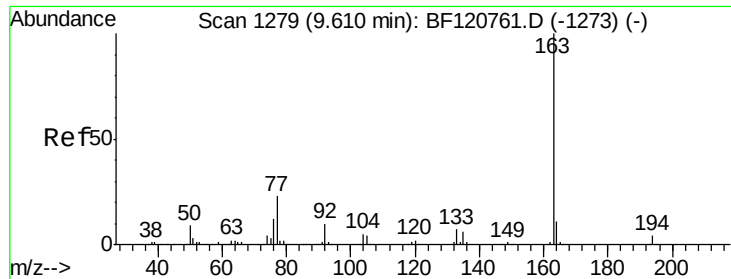
Abundance

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





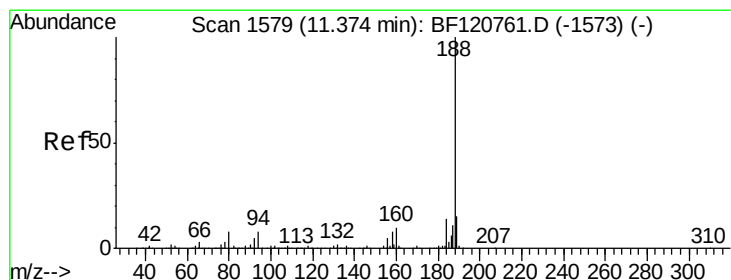
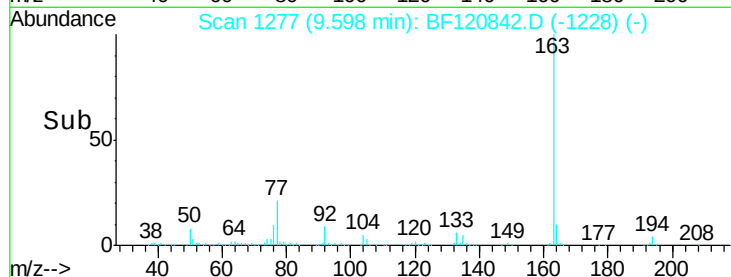
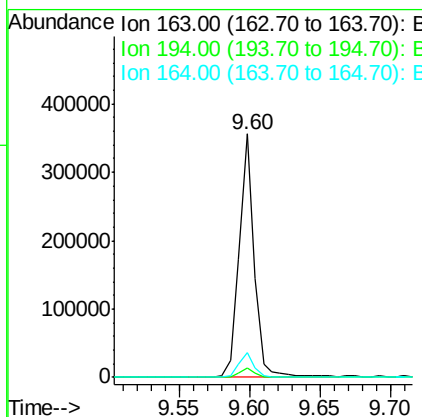
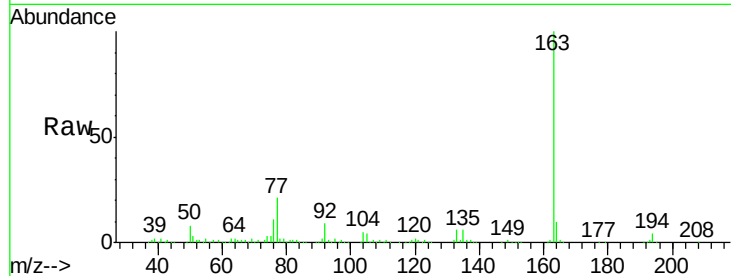
#50
Dimethylphthalate
Concen: 10.541 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Instrument :
BNA_F
ClientSampleId :
CHRT-17

Tot Ion	Ratio	Resp	Lower	Upper
163	100	262028		
194	3.8	2.9	4.3	
164	9.9	8.5	12.7	

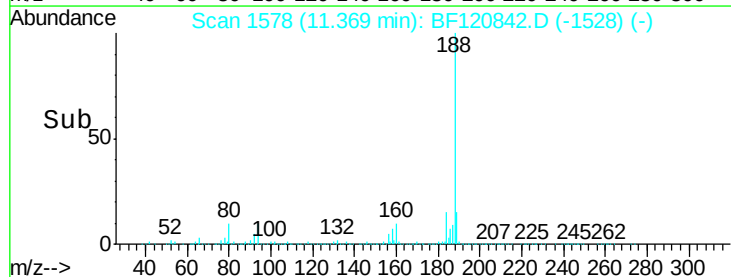
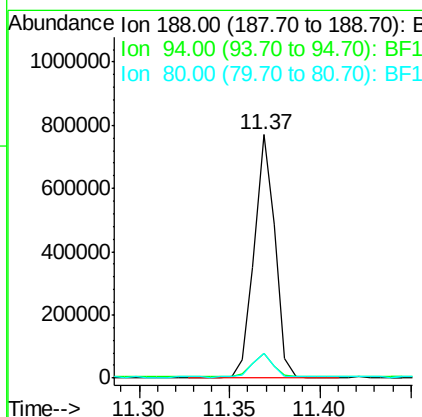
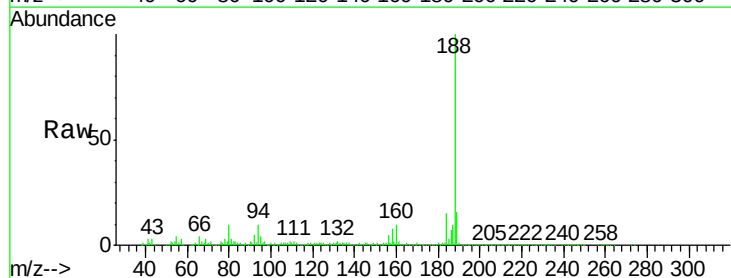
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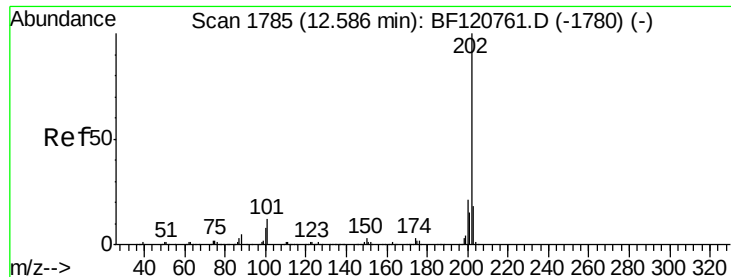
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	616387		
94	10.2	6.6	9.8#	
80	10.4	6.6	10.0#	





#75

Fluoranthene

Concen: 2.045 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120842.D

Acq: 10 Jul 2020 20:35

Instrument :

BNA_F

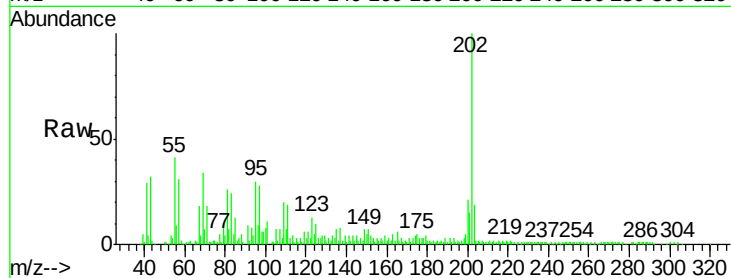
ClientSampleId :

CHRT-17

Tot Ion:	202	Resp:	72862
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.6
203	18.8	0.0	38.2

Manual Integrations
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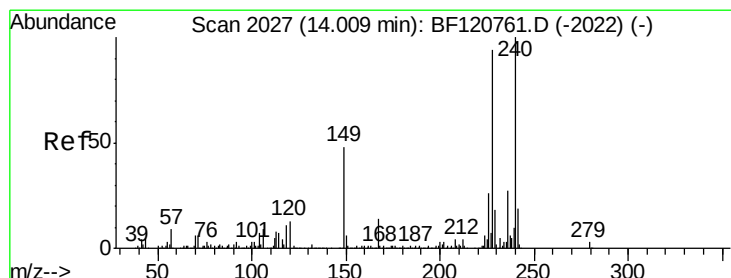
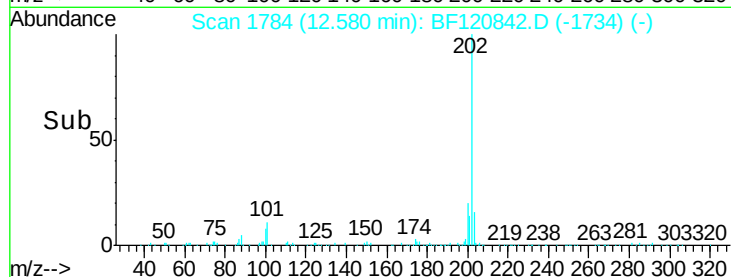
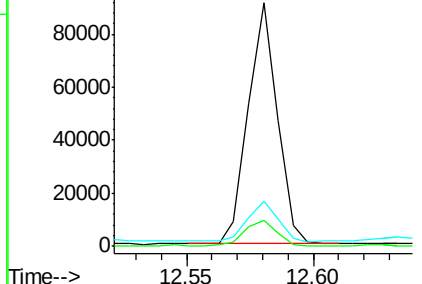
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

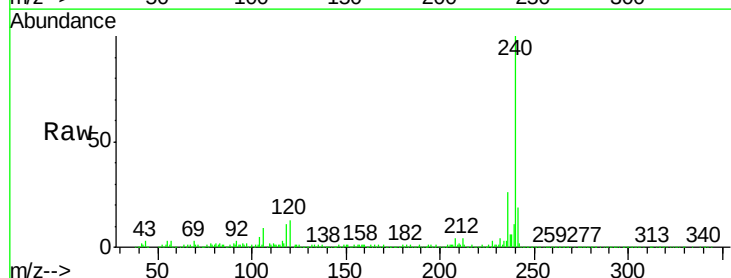
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120842.D

Acq: 10 Jul 2020 20:35

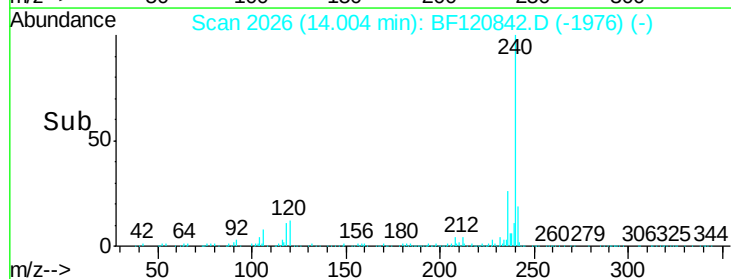
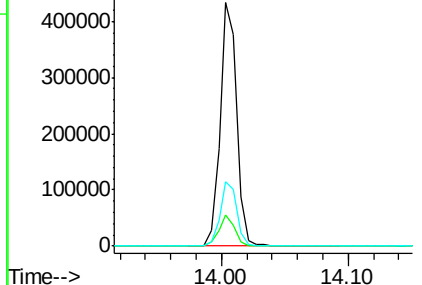
Tgt Ion:	240	Resp:	394643
Ion Ratio	Lower	Upper	
240	100		
120	12.8	10.3	15.5
236	26.3	21.4	32.2

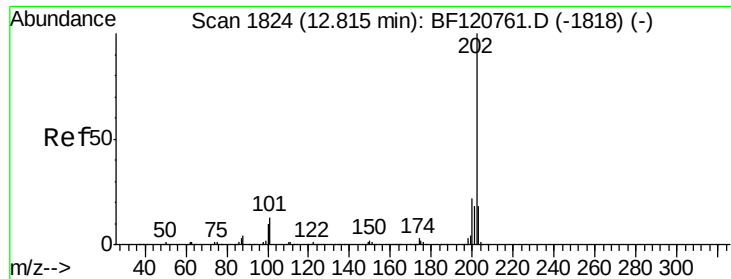


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





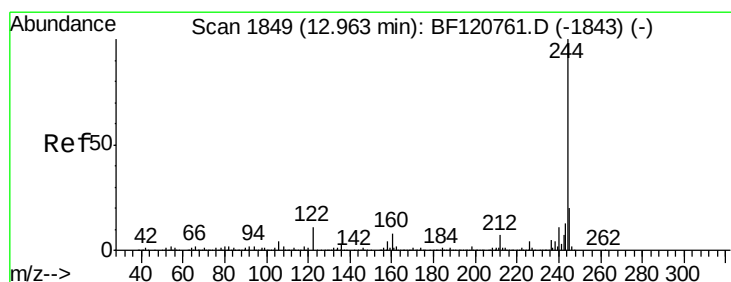
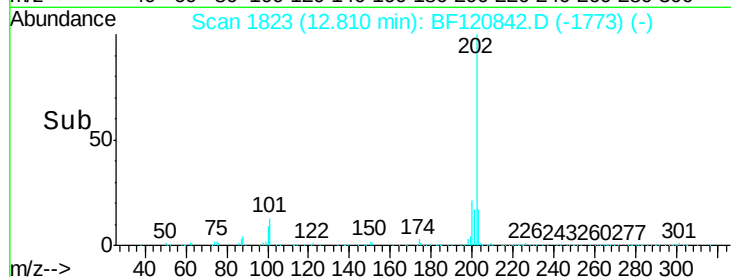
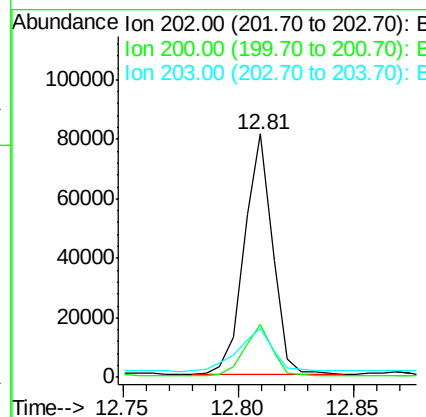
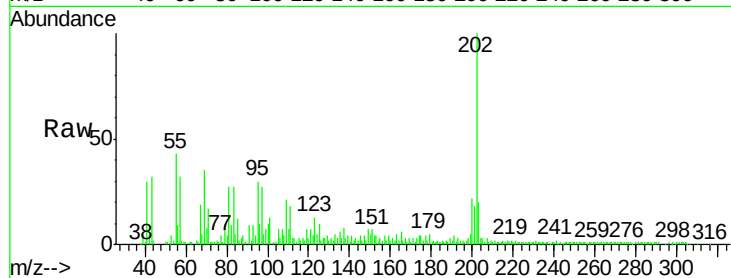
#78
Pvrene
Concen: 2.197 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Instrument :
BNA_F
ClientSampled :
CHRT-17

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.3	25.9
203	20.2	14.6	22.0

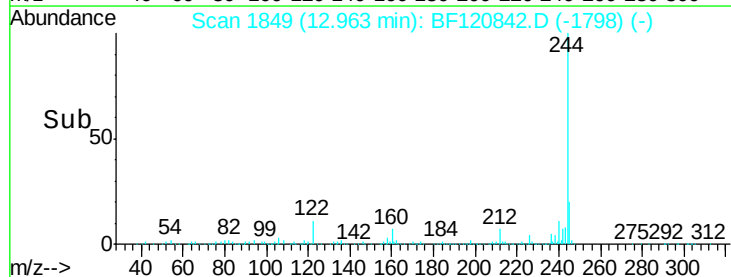
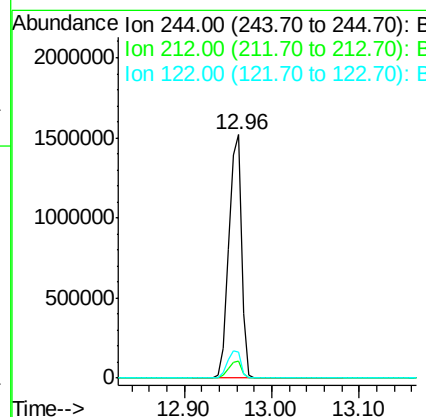
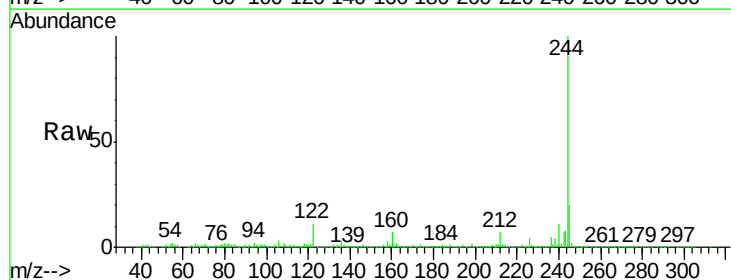
Manual Integrations
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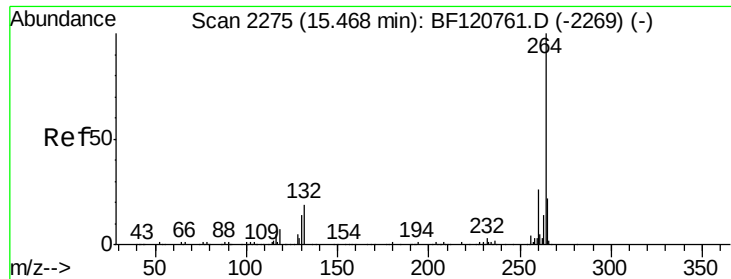
mohammad
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#79
Terphenyl-d14
Concen: 76.632 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.7	9.0	13.4





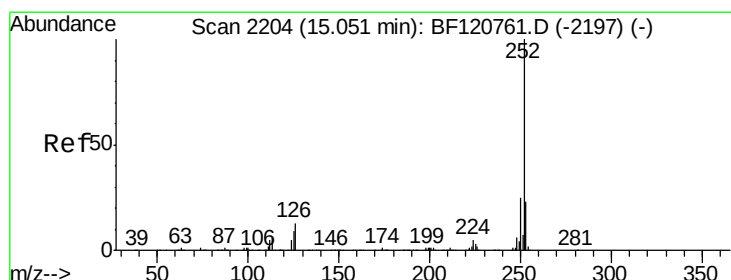
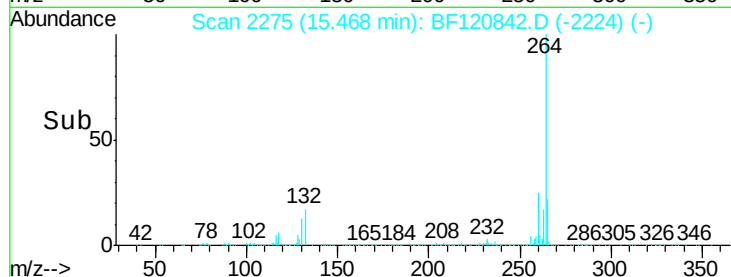
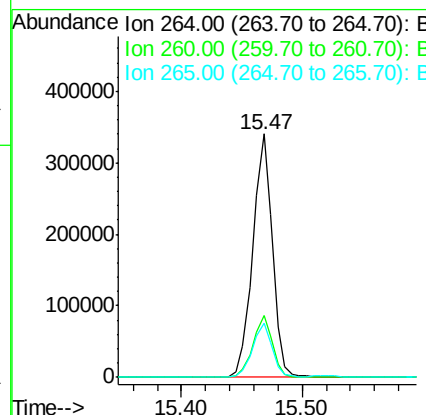
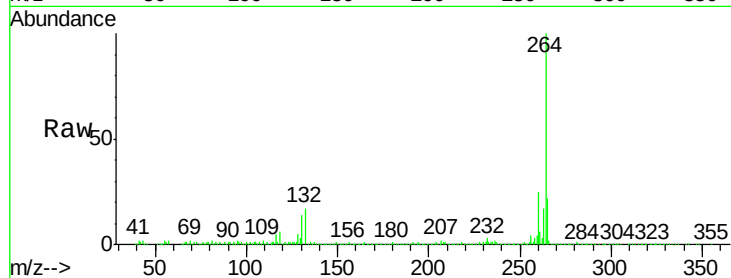
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Instrument :
BNA_F
ClientSampleId :
CHRT-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	22.0	17.6	26.4

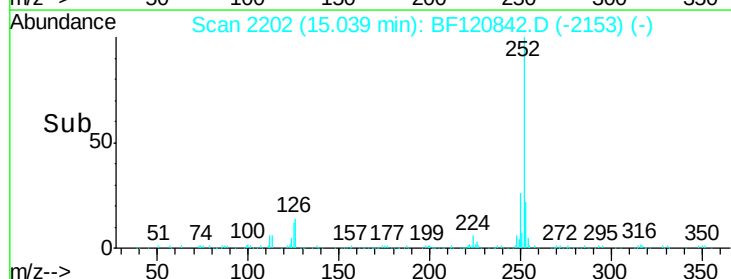
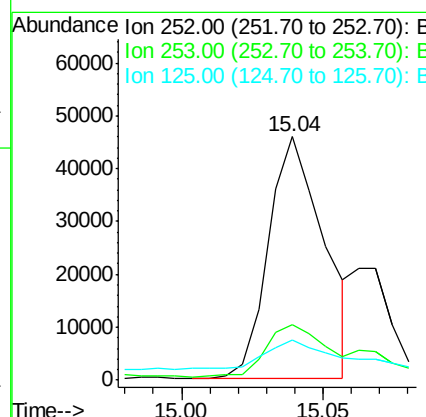
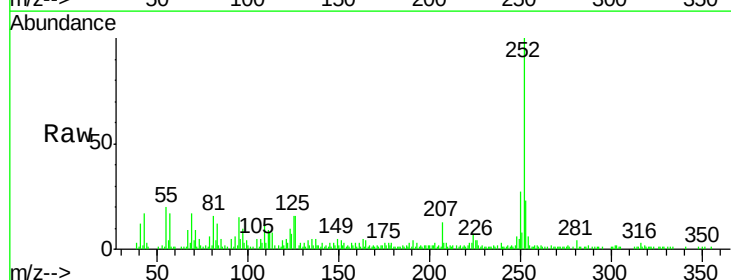
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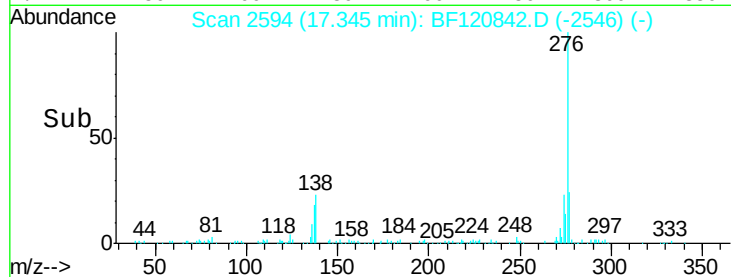
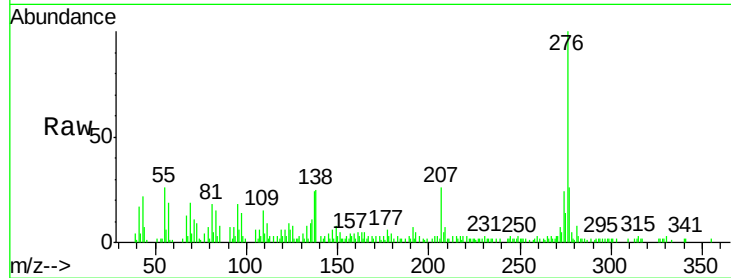
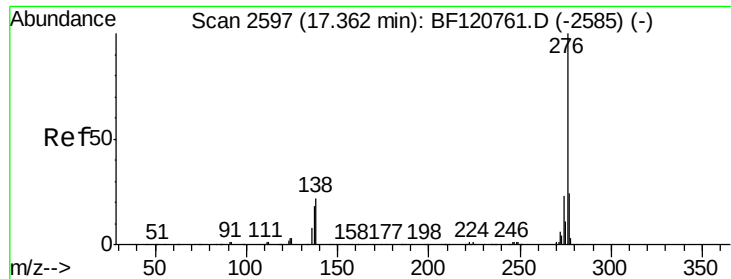
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#88
Benzo(b)fluoranthene
Concen: 2.434 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF120842.D
Acq: 10 Jul 2020 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	16.4	7.5	11.3#





#92
 Benzo(a,h,i)perylene
 Concen: 2.416 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. -0.02 min
 Lab File: BF120842.D
 Acq: 10 Jul 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-17

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.8	28.2
138	25.2	17.4	26.2

Manual Integrations
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