

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120848.D
 Acq On : 10 Jul 2020 23:31
 Operator : JU/CG
 Sample : L3184-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Manual Integrations
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mohammad
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Quant Time: Jul 11 03:28:42 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	180874	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	651444	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	304241	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	471791	20.00	ng	0.00
76) Chrysene-d12	14.01	240	379234	20.00	ng	0.00
86) Perylene-d12	15.47	264	447542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	243970	20.82	ng	0.00
7) Phenol-d6	6.46	99	287962	19.24	ng	-0.01
23) Nitrobenzene-d5	7.40	82	170181	15.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	49430	16.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	342216	17.02	ng	0.00
79) Terphenyl-d14	12.96	244	276074	14.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	58006	2.614	ng	Qvalue # 98
71) Phenanthrene	11.39	178	106308	4.153	ng	99
75) Fluoranthene	12.58	202	202879	7.440	ng	99
78) Pyrene	12.81	202	171053	5.648	ng	98
81) Benzo(a)anthracene	14.00	228	98856	4.067	ng	97
83) Chrysene	14.03	228	77212	3.114	ng	96
88) Benzo(b)fluoranthene	15.04	252	112565m	3.826	ng	
90) Benzo(a)pyrene	15.41	252	84525	3.220	ng	# 94
92) Benzo(g,h,i)perylene	17.36	276	47060	2.152	ng	# 91

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

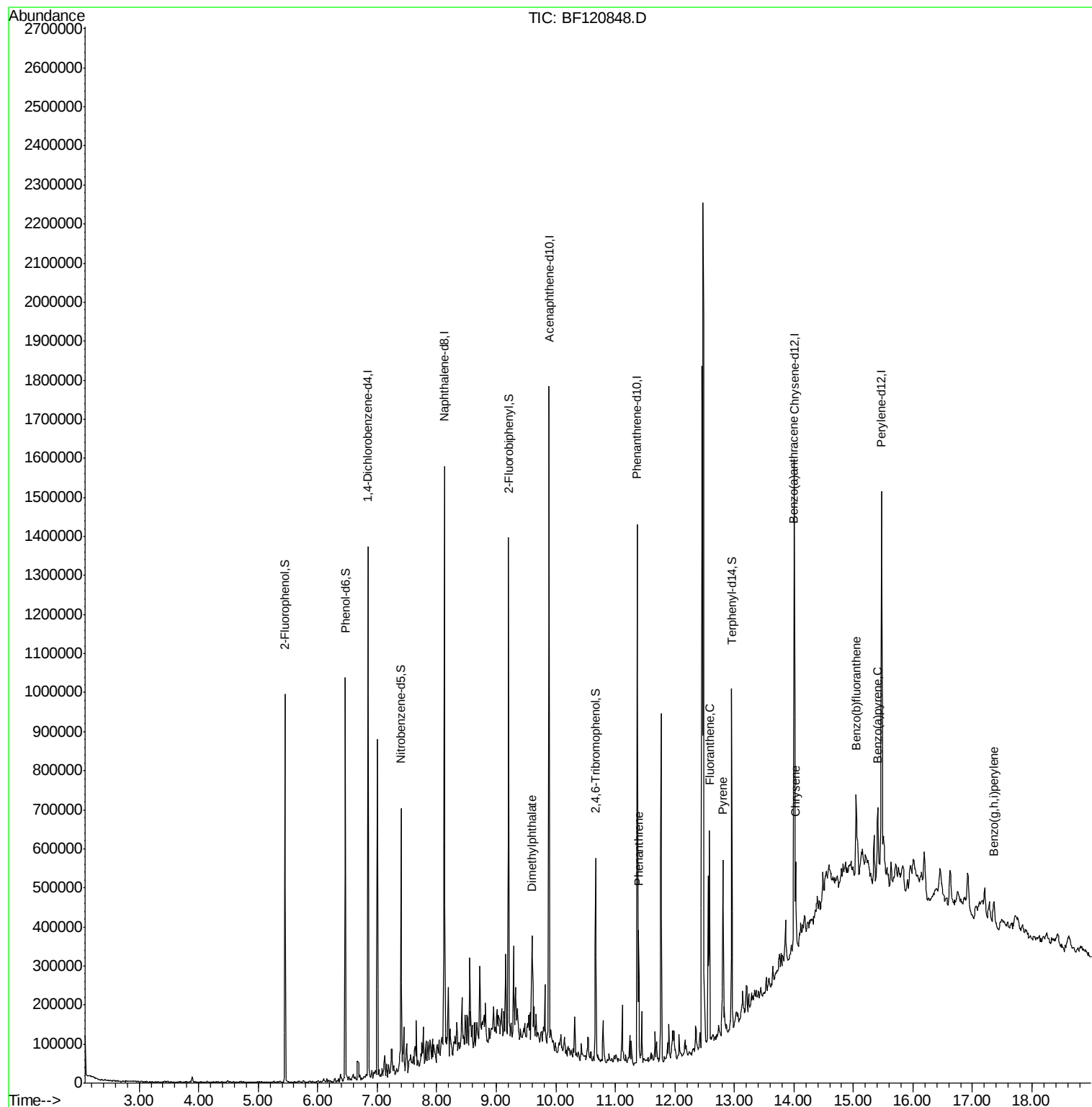
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120848.D
Acq On : 10 Jul 2020 23:31
Operator : JU/CG
Sample : L3184-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

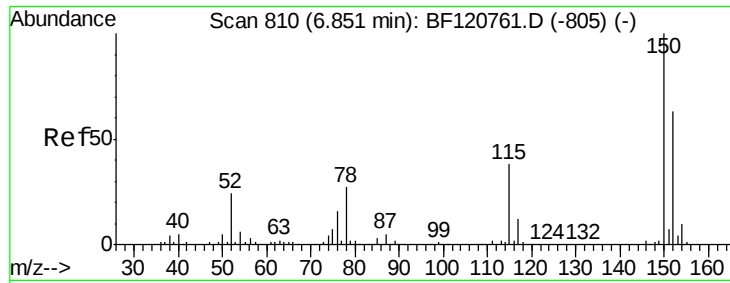
Instrument :
BNA_F
ClientSampleId :
EO-02-070920

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Quant Time: Jul 11 03:28:42 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





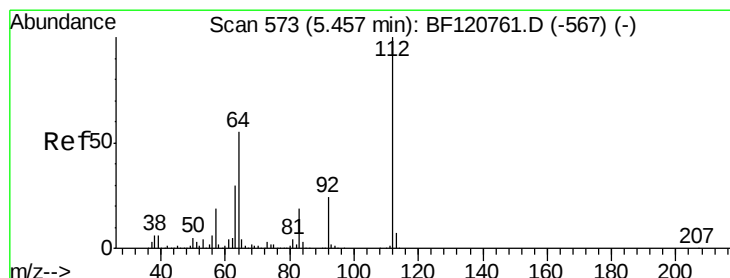
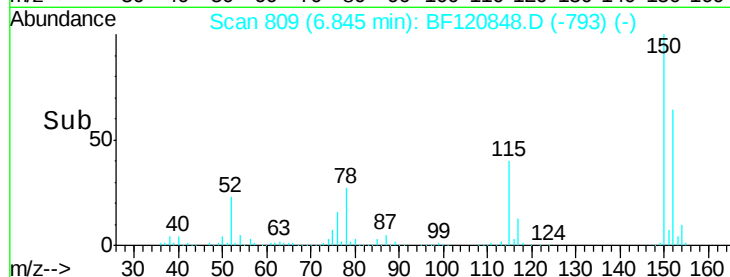
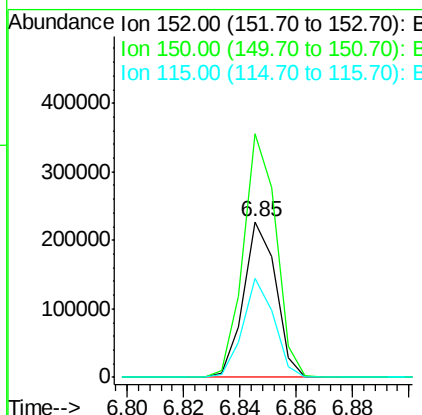
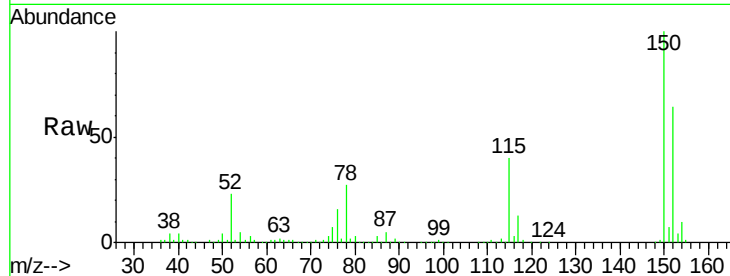
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120848.D
 Acq: 10 Jul 2020 23:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.1	189.1
115	63.3	48.5	72.7

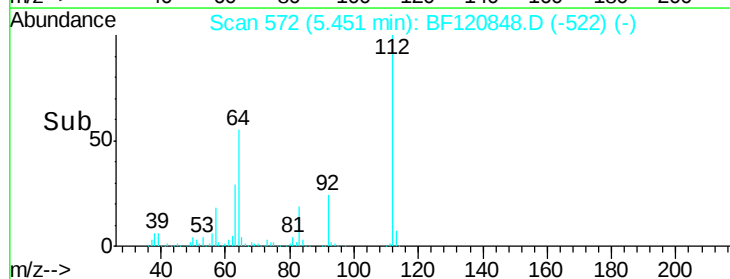
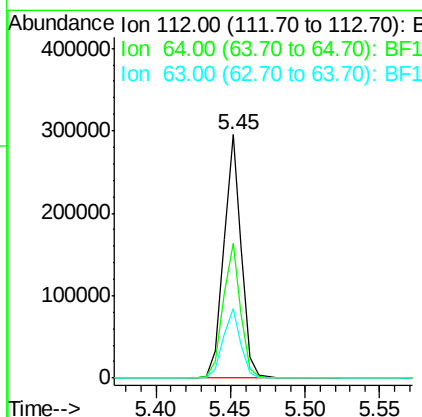
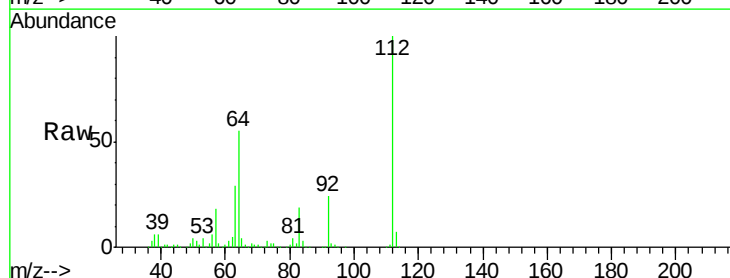
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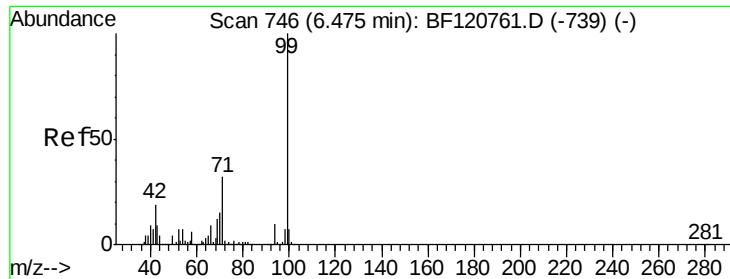
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#5
 2-Fluorophenol
 Concen: 20.821 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF120848.D
 Acq: 10 Jul 2020 23:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.8	65.6
63	28.8	23.6	35.4





#7

Phenol-d6

Concen: 19.244 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120848.D

Acq: 10 Jul 2020 23:31

Instrument :

BNA_F

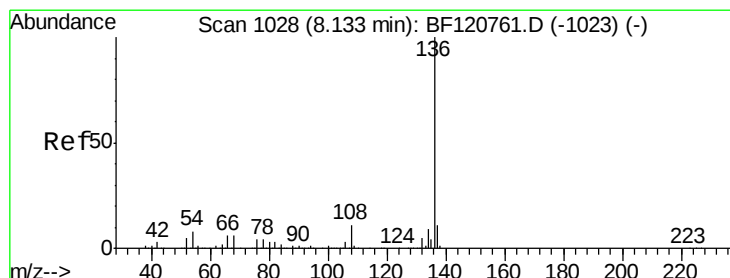
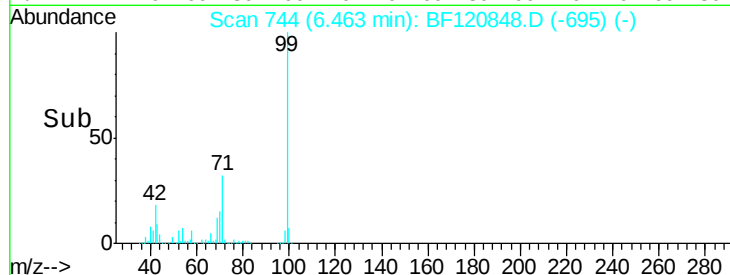
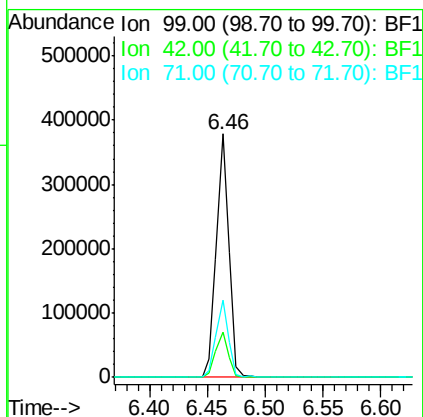
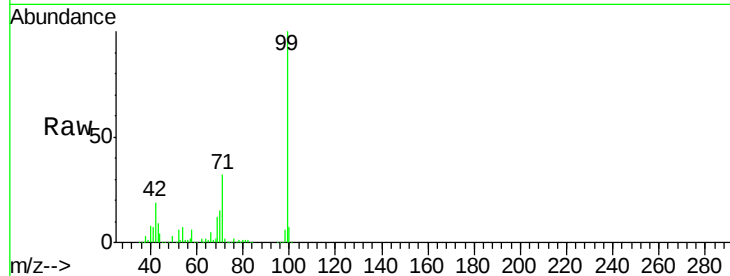
ClientSampleId :

EO-02-070920

Tot Ion:	99	Resp:	287962
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.4	23.0
71	31.9	25.9	38.9

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#21

Naphthalene-d8

Concen: 20.000 ng

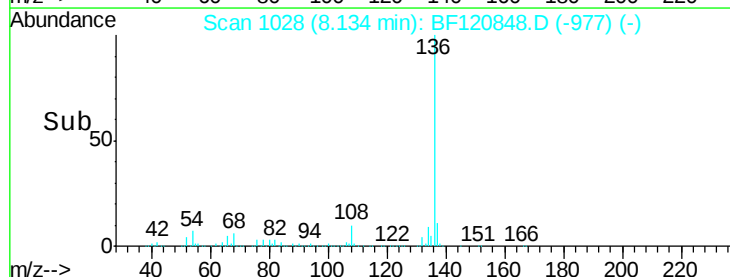
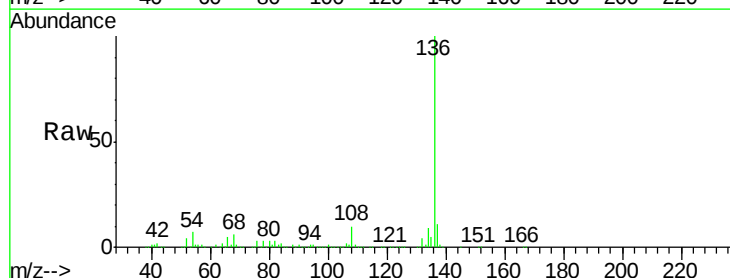
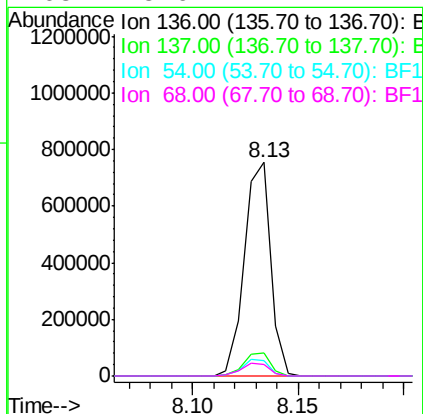
RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120848.D

Acq: 10 Jul 2020 23:31

Tgt Ion:	136	Resp:	651444
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.9	6.2	9.4
68	5.6	4.7	7.1





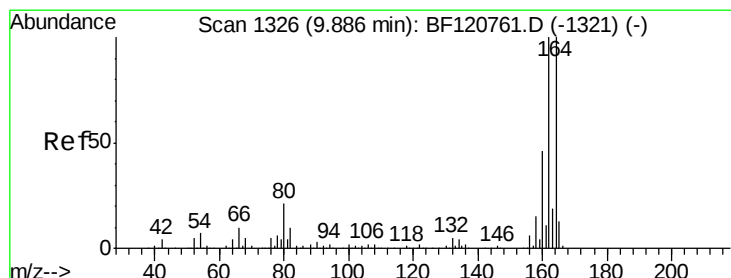
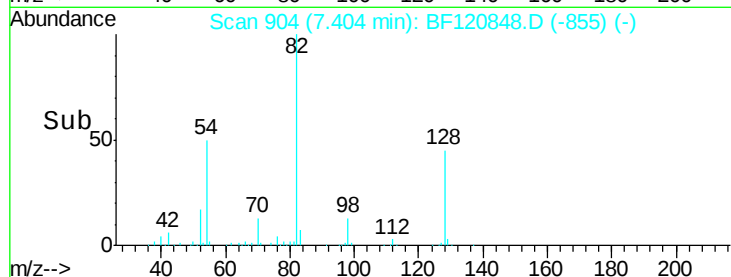
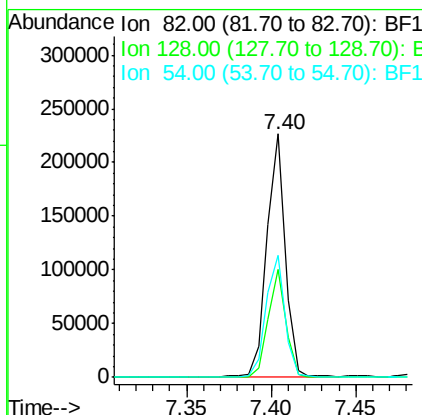
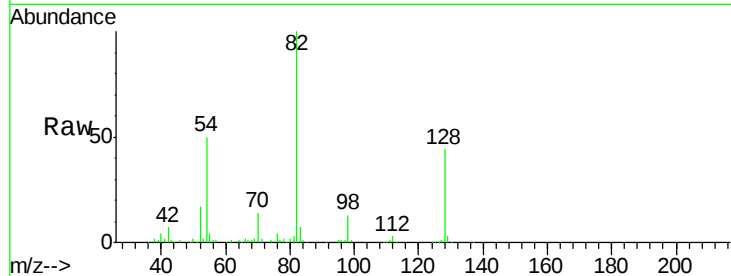
#23
Nitrobenzene-d5
Concen: 15.135 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Instrument :
BNA_F
ClientSampleId :
EO-02-070920

Tot Ion:	82	Resp:	170181
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.7	53.5
54	50.1	40.9	61.3

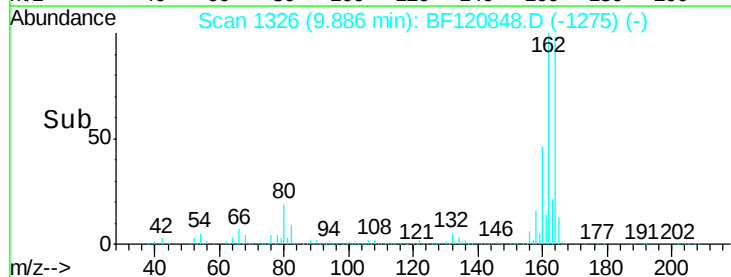
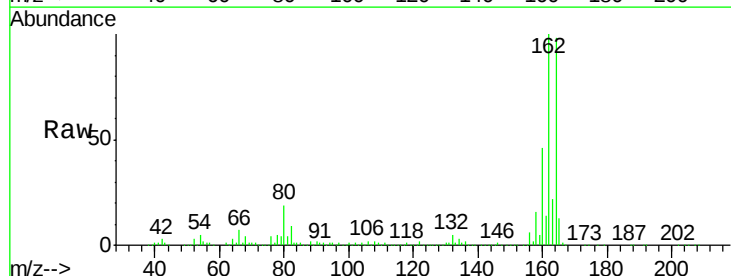
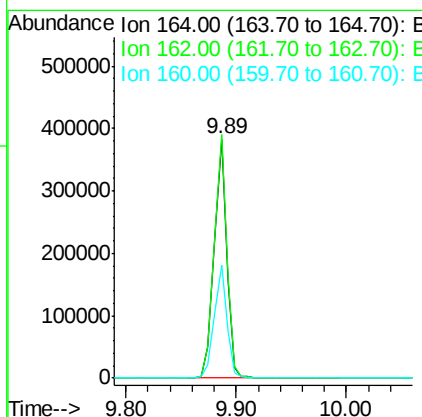
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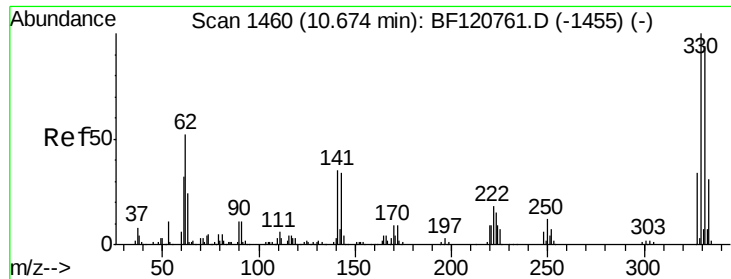
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Tgt Ion:	164	Resp:	304241
Ion Ratio	Lower	Upper	
164	100		
162	101.8	80.2	120.2
160	47.3	36.9	55.3





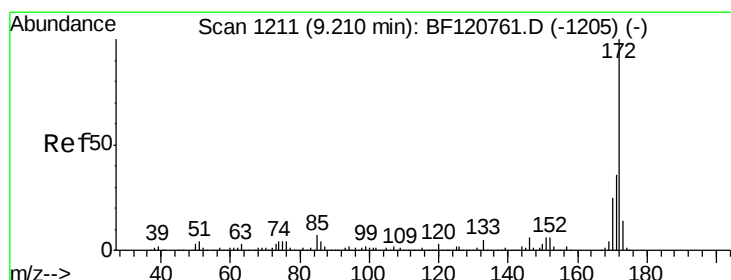
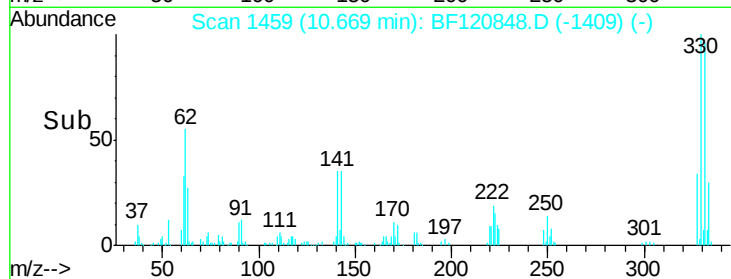
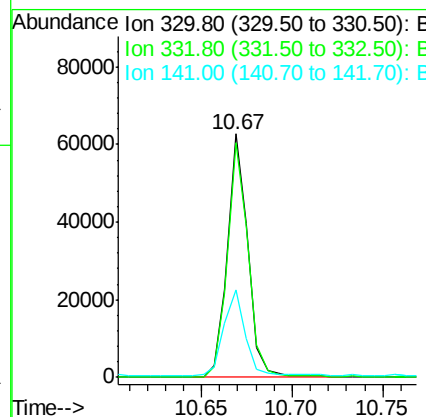
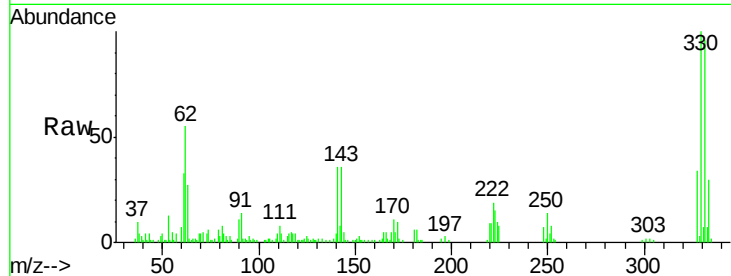
#42
 2,4,6-Tribromophenol
 Concen: 16.172 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF120848.D
 Acq: 10 Jul 2020 23:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.8	113.6
141	36.6	29.7	44.5

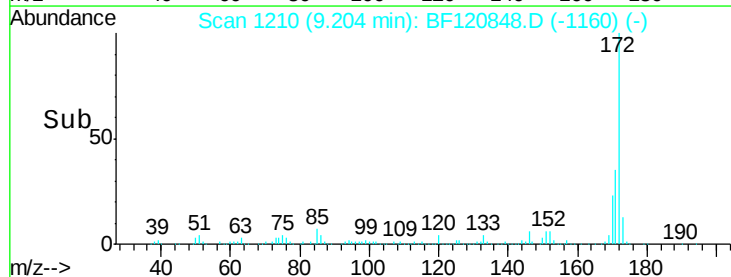
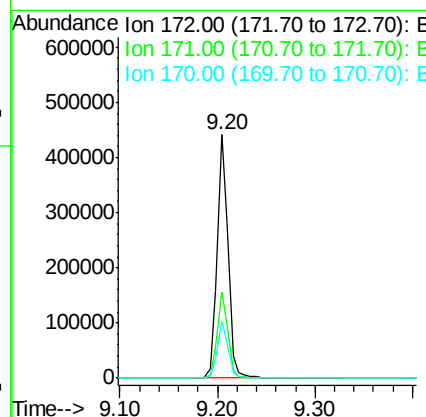
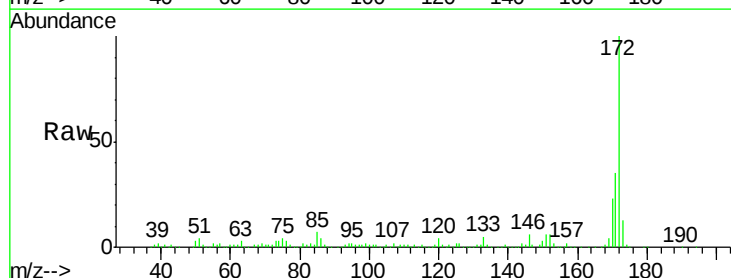
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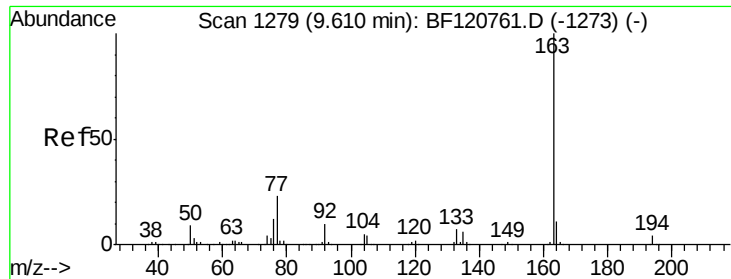
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#45
 2-Fluorobiphenyl
 Concen: 17.018 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF120848.D
 Acq: 10 Jul 2020 23:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.1	43.7
170	23.3	19.8	29.6





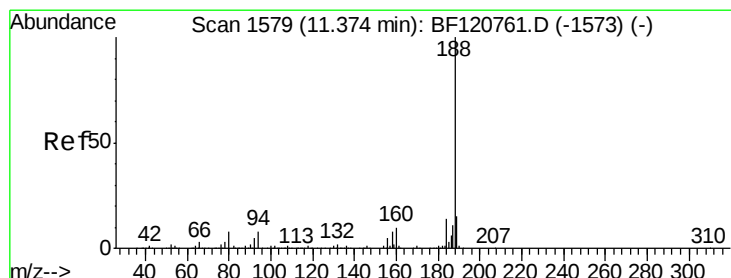
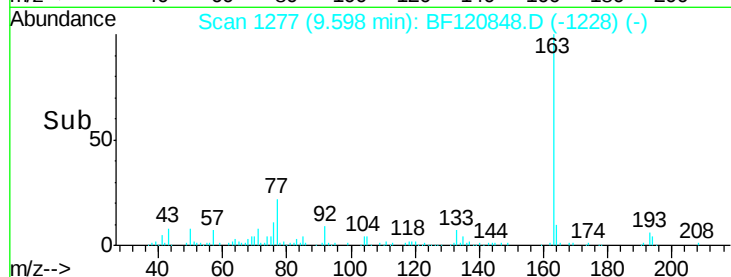
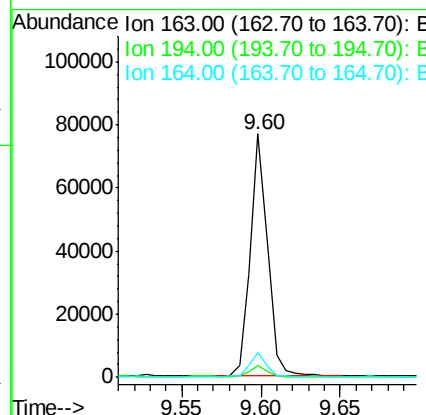
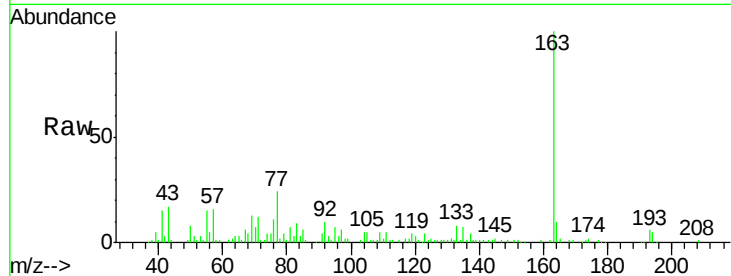
#50
Dimethylphthalate
Concen: 2.614 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Instrument :
BNA_F
ClientSampleId :
EO-02-070920

Tot Ion	Ratio	Resp	Lower	Upper
163	100	58006		
194	4.8		2.9	4.3#
164	10.1		8.5	12.7

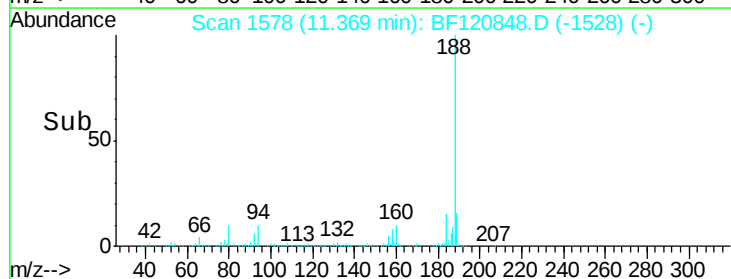
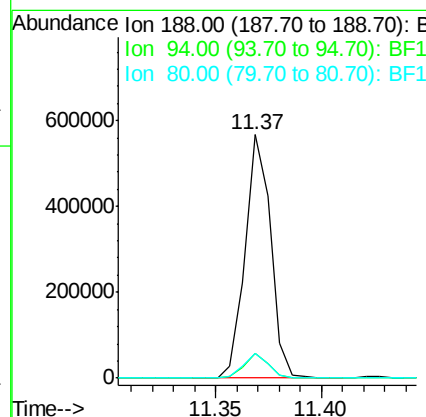
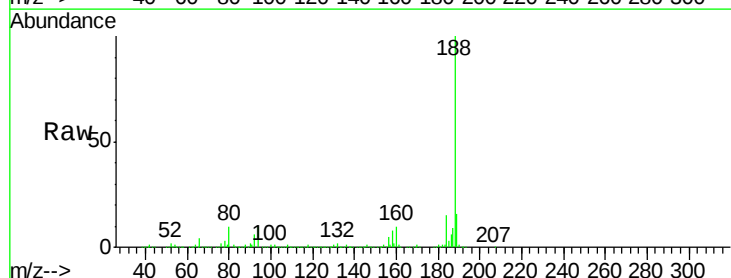
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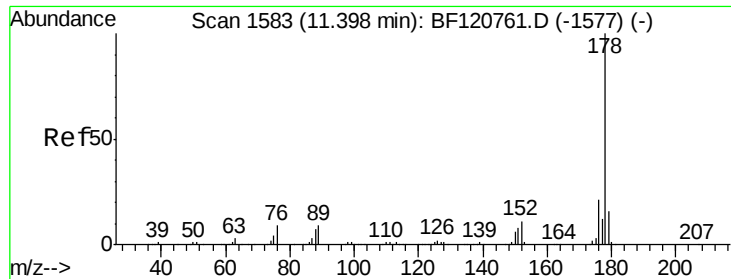
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	471791		
94	9.9		6.6	9.8#
80	10.3		6.6	10.0#





#71

Phenanthrene

Concen: 4.153 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120848.D

Acq: 10 Jul 2020 23:31

Instrument :

BNA_F

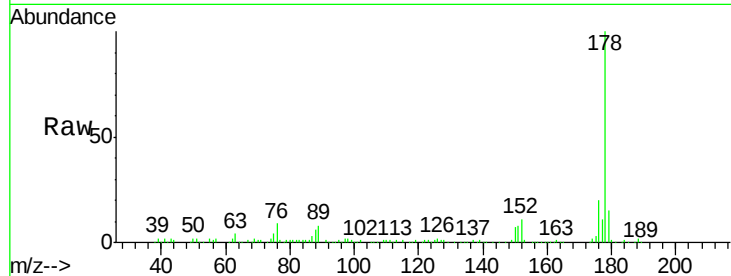
ClientSampleId :

EO-02-070920

Tot Ion:	178	Resp:	106308
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.4	24.6
179	15.4	12.9	19.3

Manual Integrations
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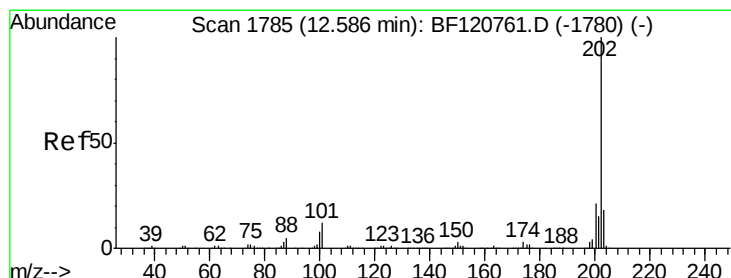
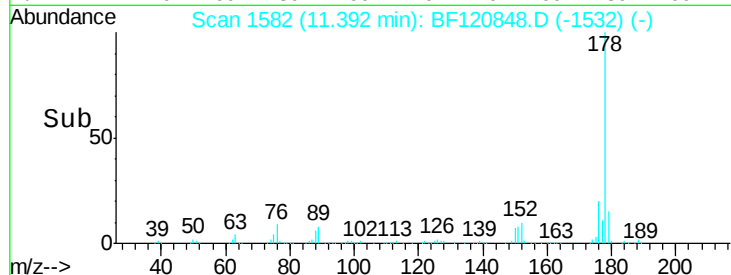
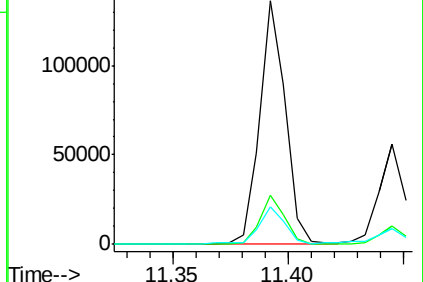
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 7.440 ng

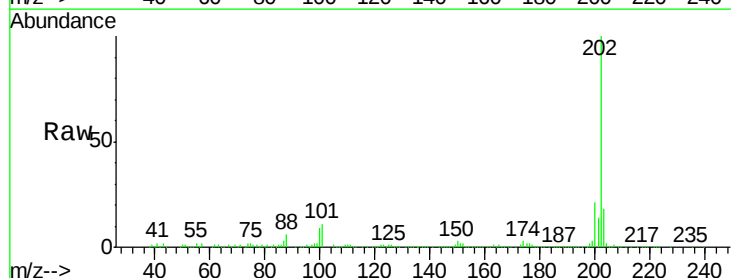
RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120848.D

Acq: 10 Jul 2020 23:31

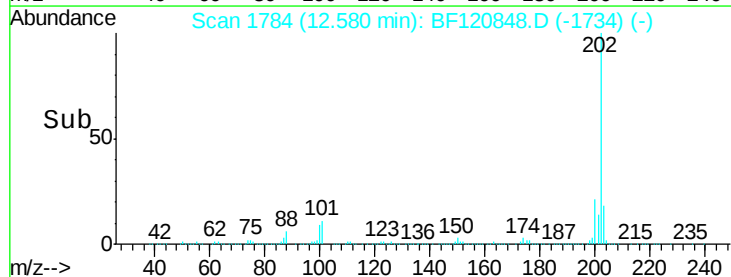
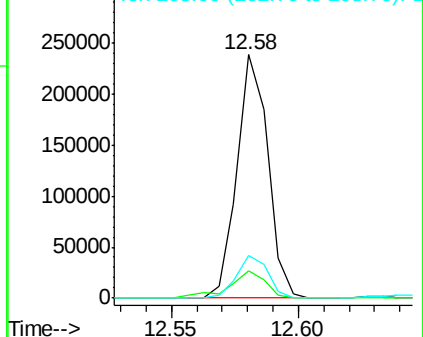
Tgt Ion:	202	Resp:	202879
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.6
203	17.8	0.0	38.2

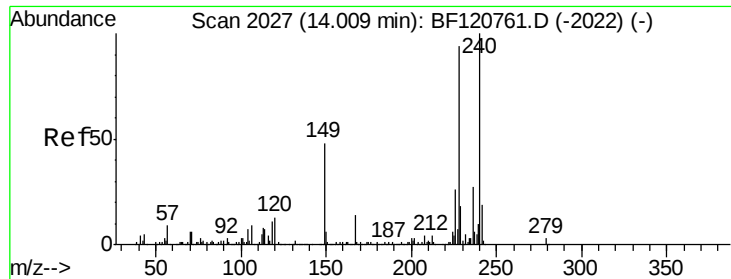


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





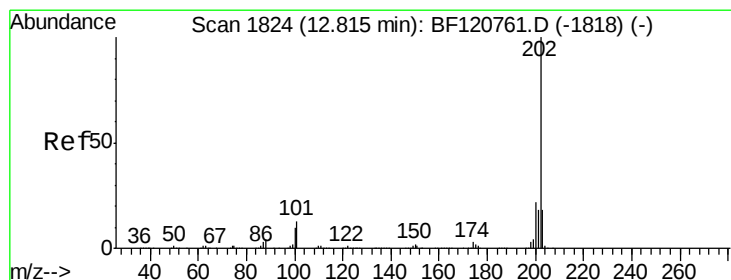
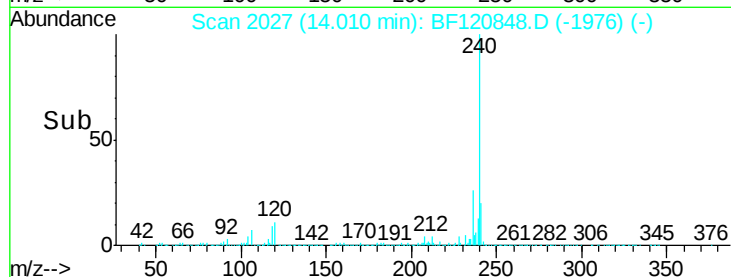
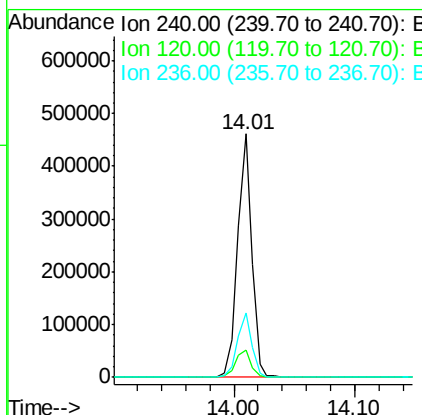
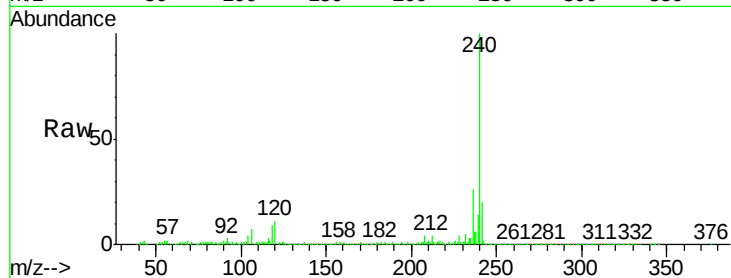
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Instrument :
BNA_F
ClientSampleId :
EO-02-070920

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.3	15.5
236	26.5	21.4	32.2

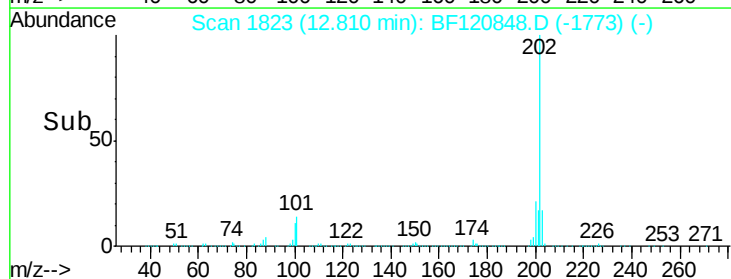
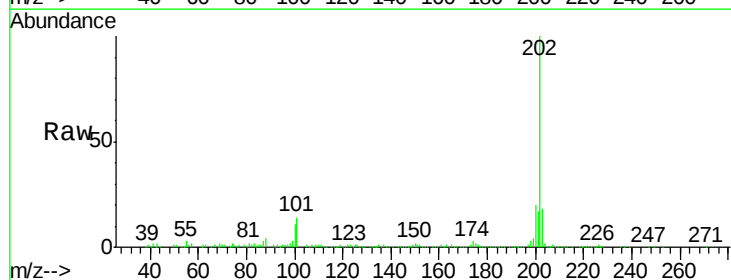
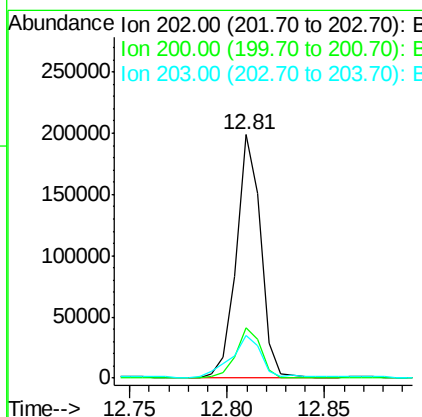
Manual Integrations
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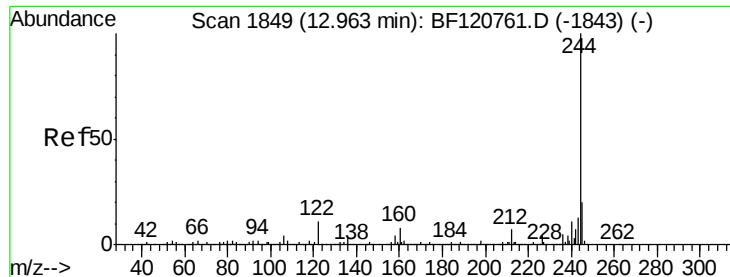
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#78
Pyrene
Concen: 5.648 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.3	25.9
203	17.6	14.6	22.0





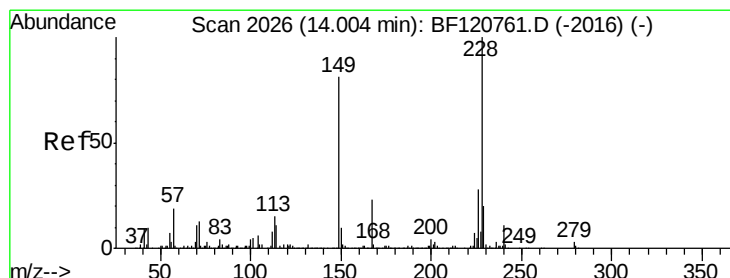
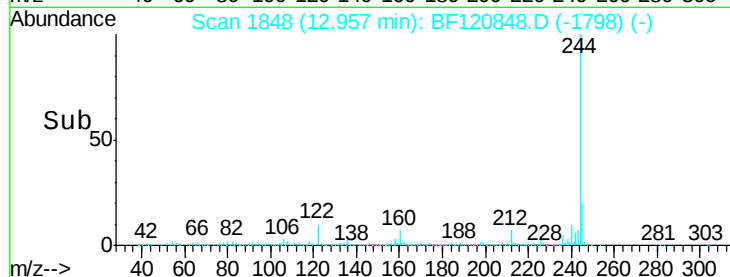
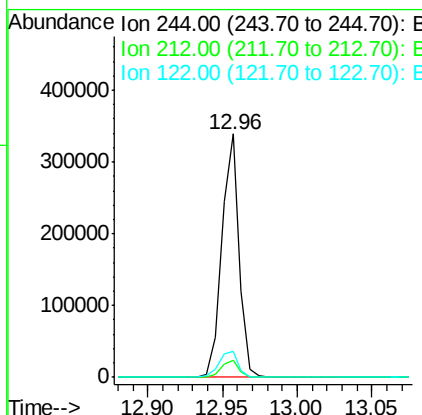
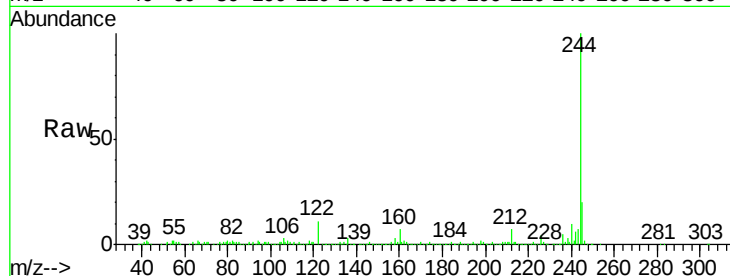
#79
 Terphenyl-d14
 Concen: 14.253 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120848.D
 Acq: 10 Jul 2020 23:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.6	9.0	13.4

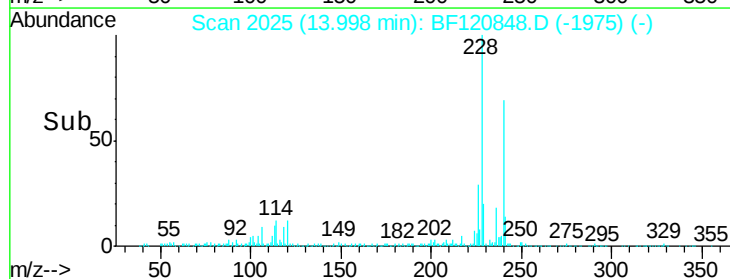
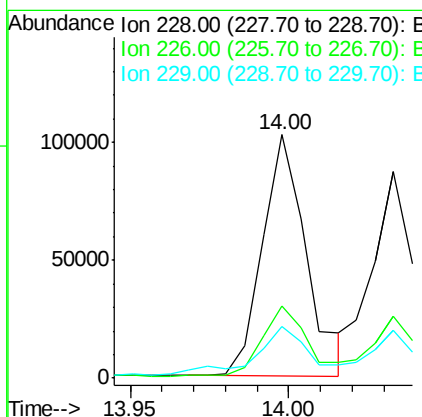
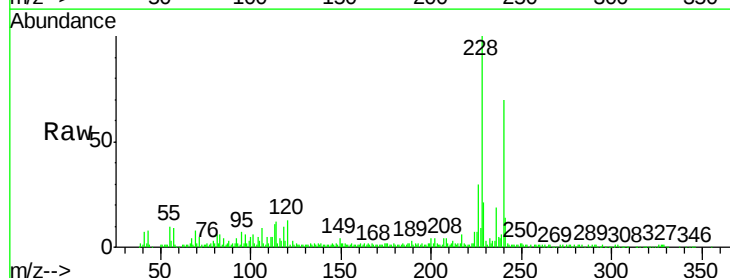
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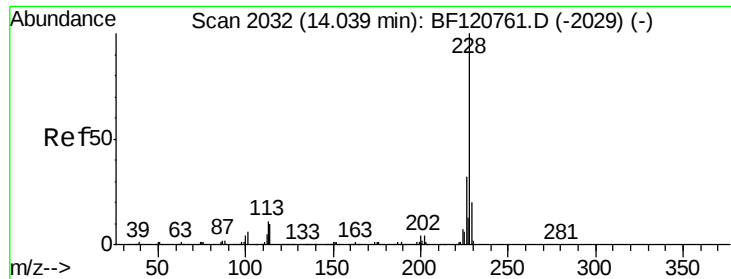
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.067 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF120848.D
 Acq: 10 Jul 2020 23:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.2	15.8	23.6





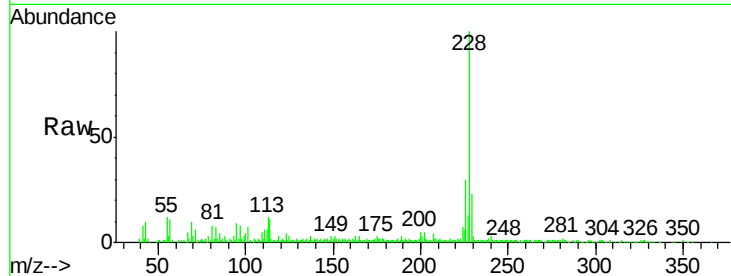
#83
Chrysene
Concen: 3.114 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Instrument :
BNA_F
ClientSampleId :
EO-02-070920

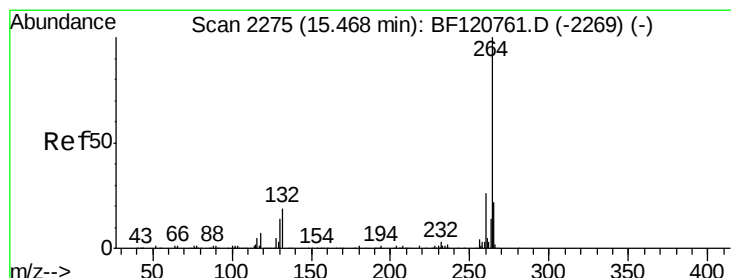
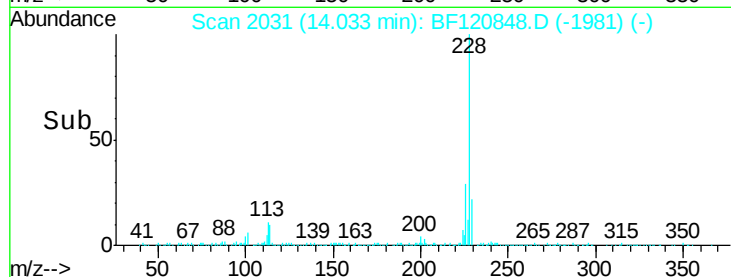
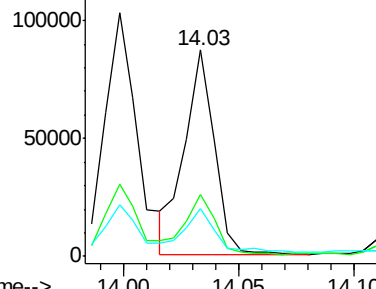
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.7	38.5
229	22.9	16.3	24.5

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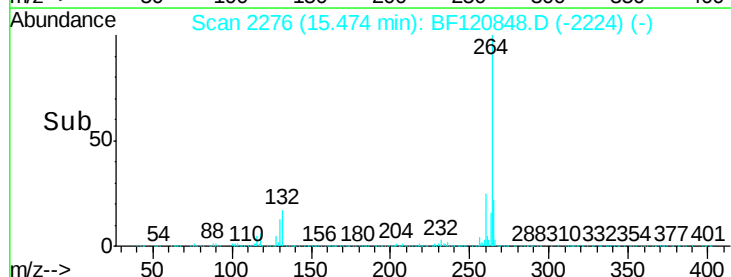
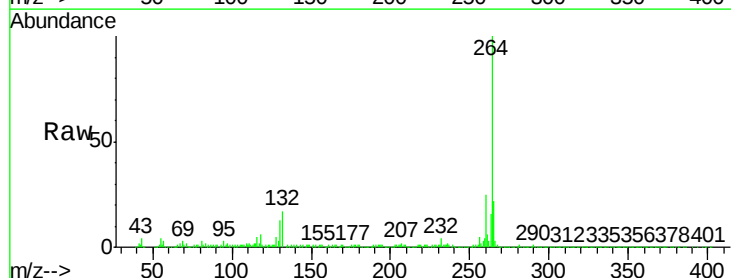
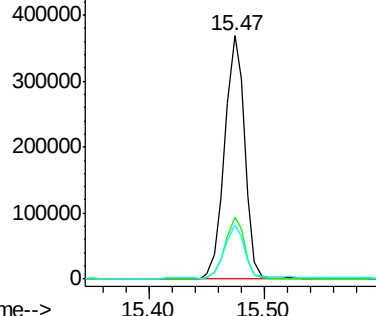
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

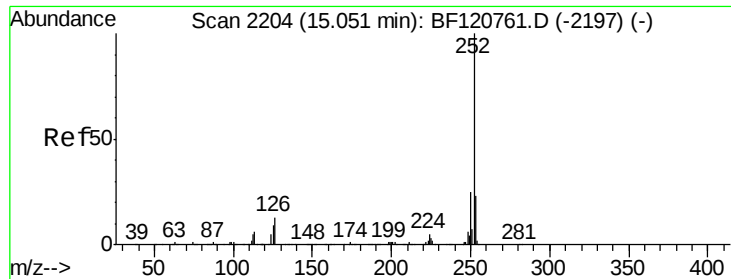


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF120848.D
Acq: 10 Jul 2020 23:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	22.4	17.6	26.4

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 3.826 ng m

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF120848.D

Acq: 10 Jul 2020 23:31

Instrument :

BNA_F

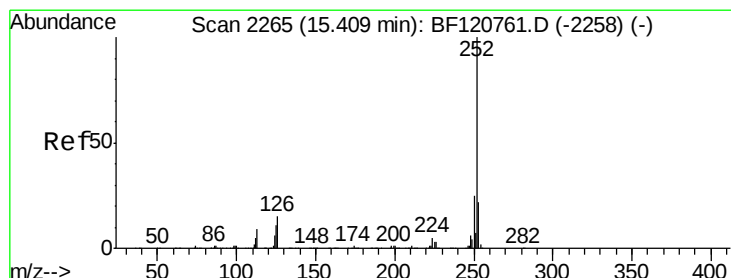
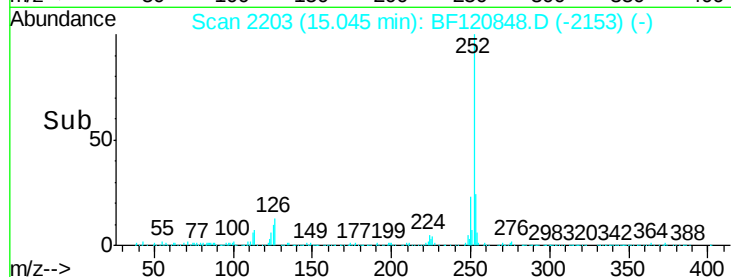
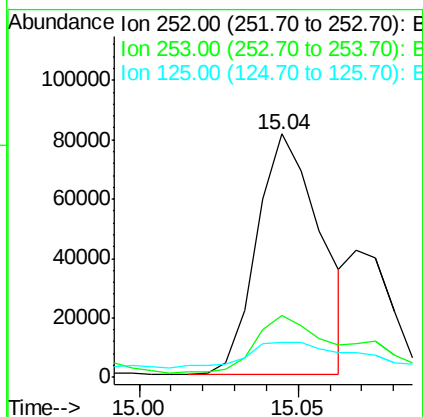
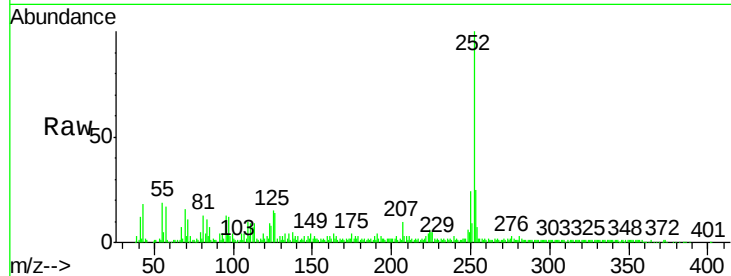
ClientSampleId :

EO-02-070920

Tot Ion:	252	Resp:	112565
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.0	27.0
125	14.6	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 3.220 ng

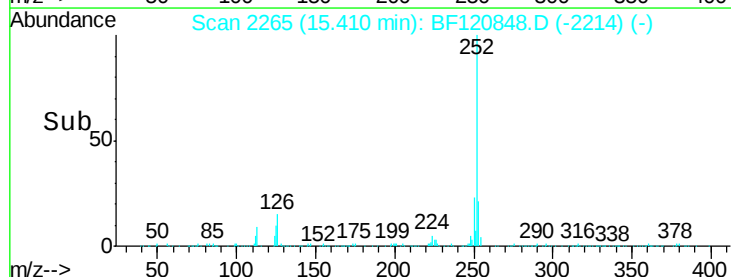
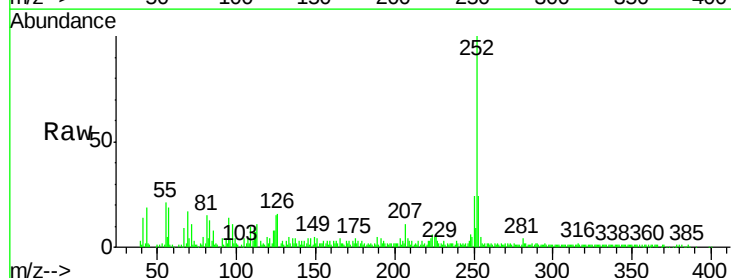
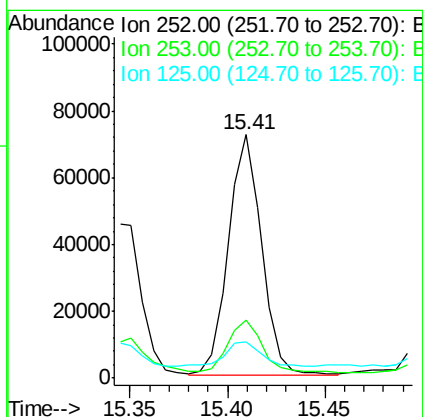
RT: 15.41 min Scan# 2265

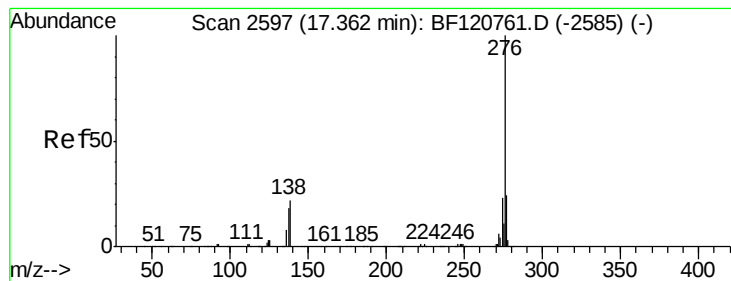
Delta R.T. 0.00 min

Lab File: BF120848.D

Acq: 10 Jul 2020 23:31

Tgt Ion:	252	Resp:	84525
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	15.1	9.2	13.8#





#92

Benzo(a,h,i)perylene

Concen: 2.152 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF120848.D

Acq: 10 Jul 2020 23:31

Instrument :

BNA_F

ClientSampleId :

EO-02-070920

Tot Ion:	276	Resp:	47060
Ion Ratio	Lower	Upper	
276	100		
277	28.7	18.8	28.2#
138	25.2	17.4	26.2

Manual Integrations
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