

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
 Data File : BF121697.D
 Acq On : 25 Sep 2020 15:53
 Operator : JU/CG
 Sample : L4102-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2B-(3.0-3.5)

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:10:34 AM

Quant Time: Sep 25 16:37:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 14:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	79243	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	314023	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	160218	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	231161	20.00	ng	0.00
76) Chrysene-d12	13.97	240	210561	20.00	ng	0.00
86) Perylene-d12	15.42	264	182691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	786632	147.53	ng	0.00
7) Phenol-d6	6.43	99	1005447	143.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	704714	120.49	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	312936	157.15	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1248606	118.03	ng	0.00
79) Terphenyl-d14	12.93	244	1166498	112.23	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	236644	20.379	ng	100
75) Fluoranthene	12.56	202	86363	6.424	ng	85
78) Pyrene	12.78	202	86297	5.609	ng	# 87
81) Benzo(a)anthracene	13.96	228	43592	3.272	ng	# 91
83) Chrysene	14.00	228	50926	3.775	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.83	276	30782	2.587	ng	97
88) Benzo(b)fluoranthene	15.00	252	60528m	4.956	ng	
89) Benzo(k)fluoranthene	15.02	252	25053m	2.240	ng	
90) Benzo(a)pyrene	15.35	252	38449	3.704	ng	# 97
92) Benzo(g,h,i)perylene	17.26	276	30210	3.103	ng	98

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

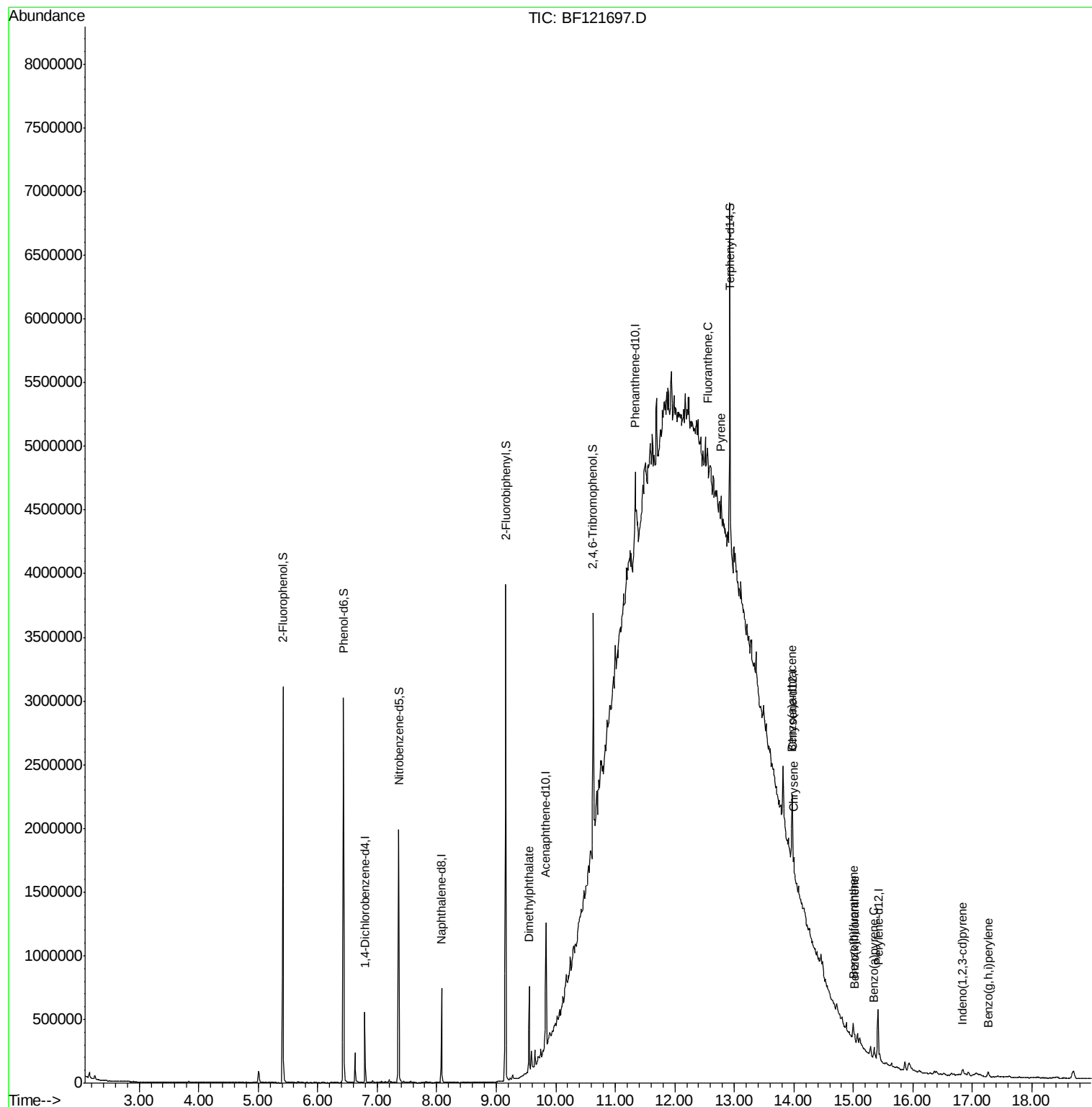
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
Data File : BF121697.D
Acq On : 25 Sep 2020 15:53
Operator : JU/CG
Sample : L4102-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

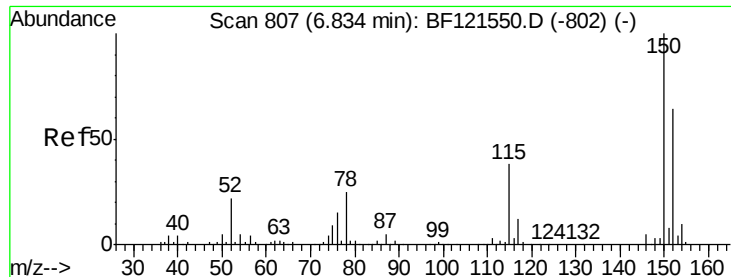
Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Manual Integrations
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9/28/2020 11:10:34 AM

Quant Time: Sep 25 16:37:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 14:15:19 2020
Response via : Initial Calibration





#1

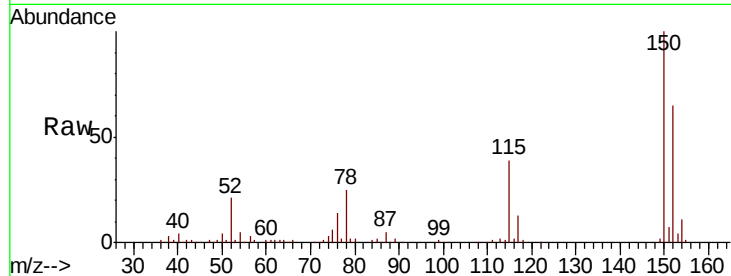
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.1	189.1
115	59.6	50.6	76.0

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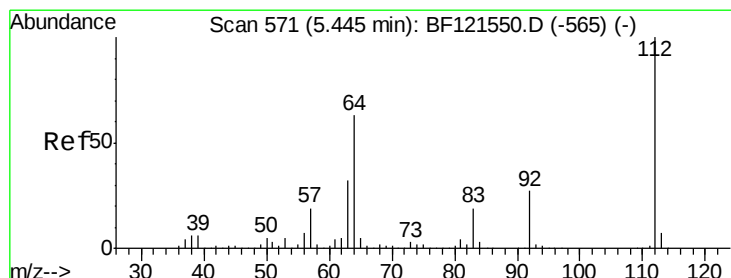
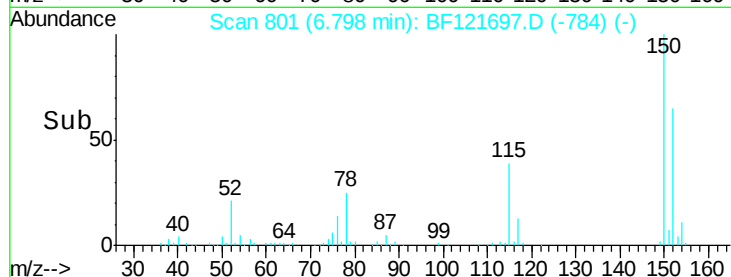
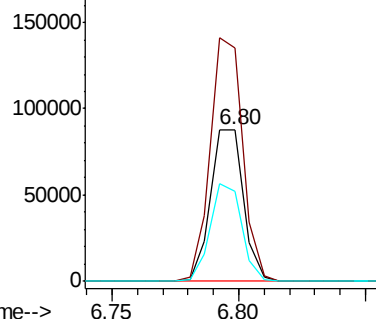


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

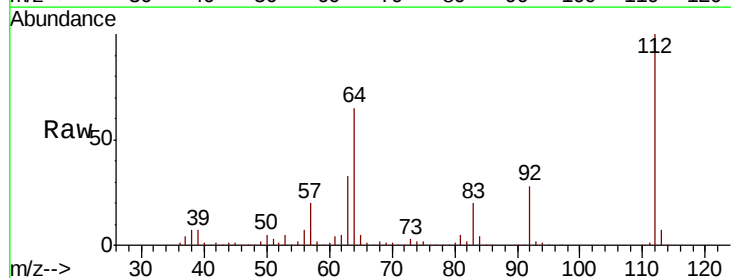
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.525 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	49.5	74.3
63	33.1	25.2	37.8

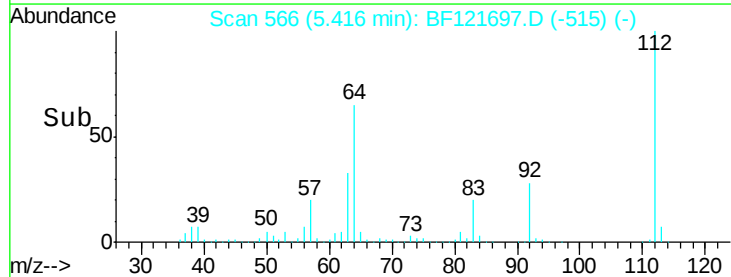
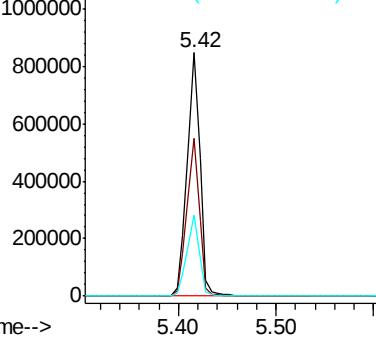


Abundance

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: 143.727 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121697.D

Acq: 25 Sep 2020 15:53

Instrument :

BNA_F

ClientSampleId :

PE-2B-(3.0-3.5)

Tot Ion: 99 Resp: 1005447

Ion Ratio Lower Upper

99 100

42 19.9 16.1 24.1

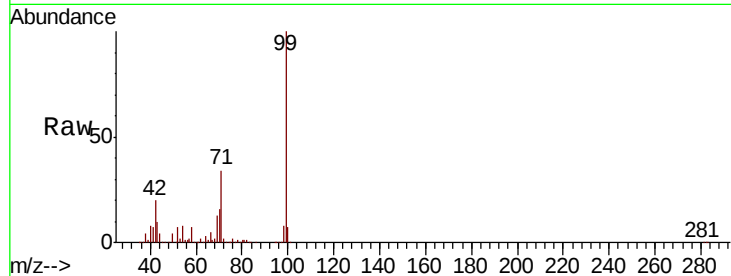
71 34.4 27.9 41.9

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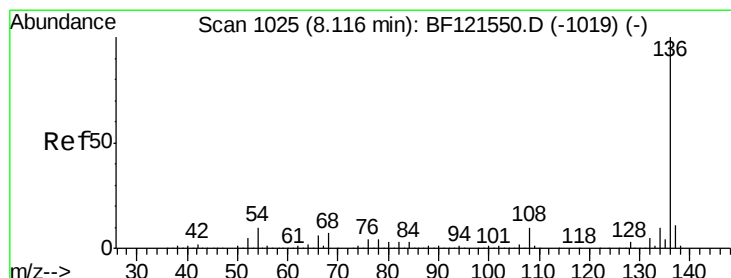
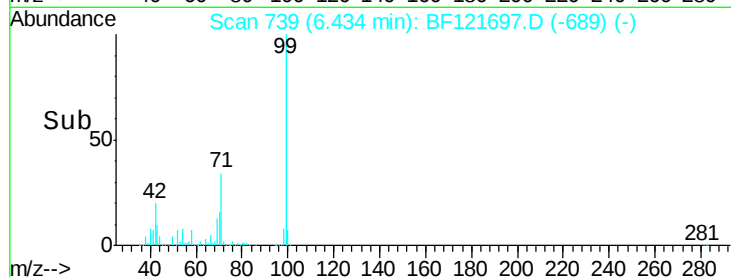
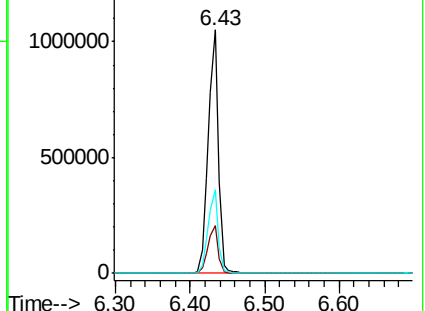
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121697.D

Acq: 25 Sep 2020 15:53

Tgt Ion: 136 Resp: 314023

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.9 7.6 11.4

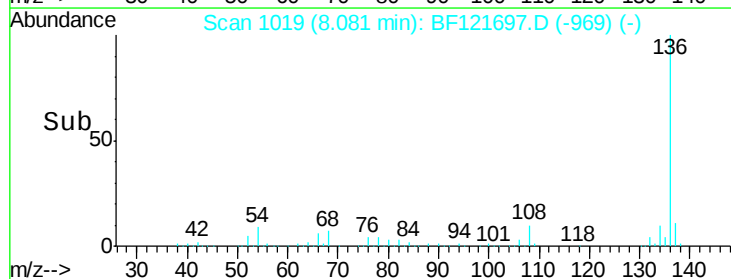
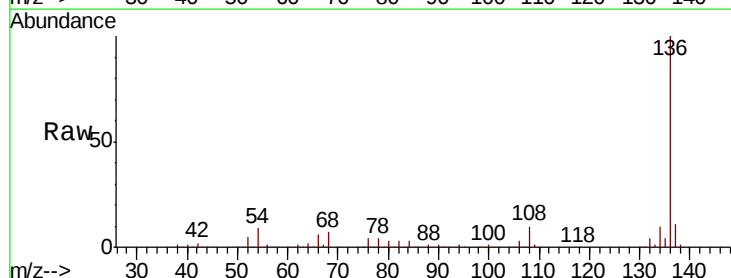
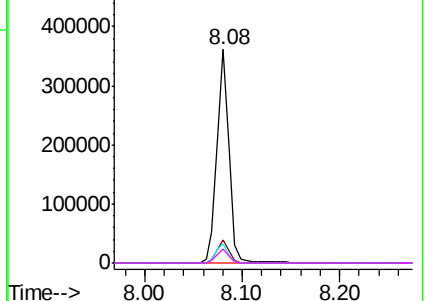
68 6.5 5.3 7.9

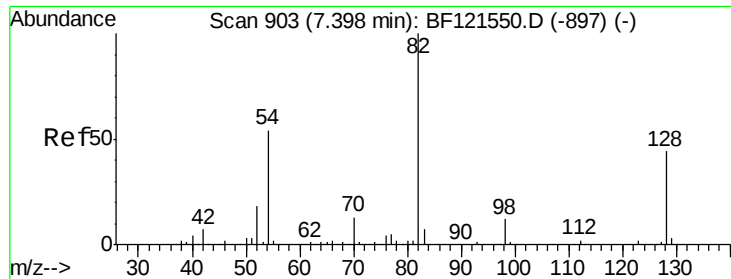
Abundance Ion 136.00 (135.70 to 136.70): E

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





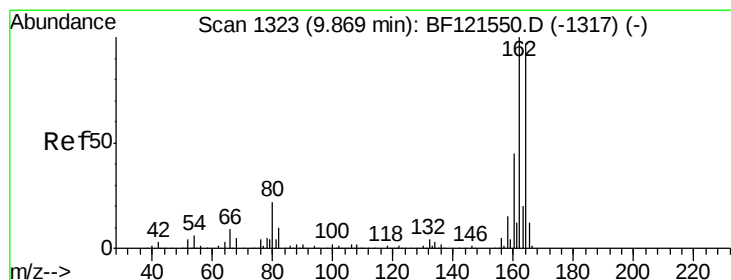
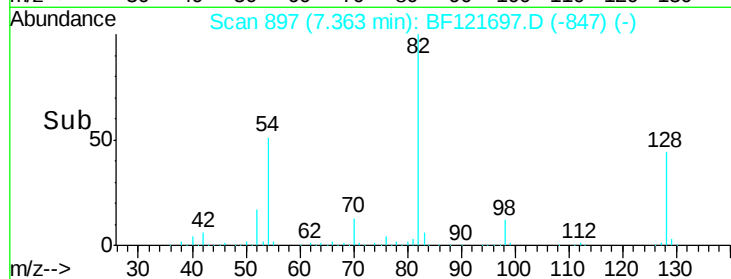
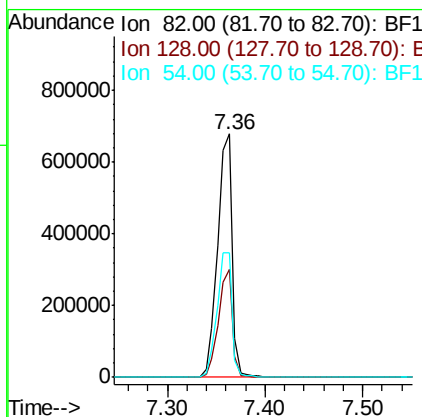
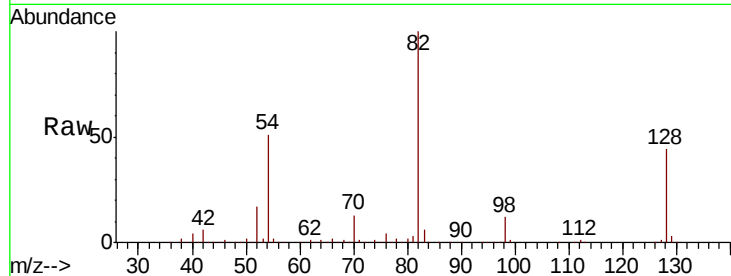
#23
Nitrobenzene-d5
Concen: 120.492 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.9	50.9
54	51.3	43.2	64.8

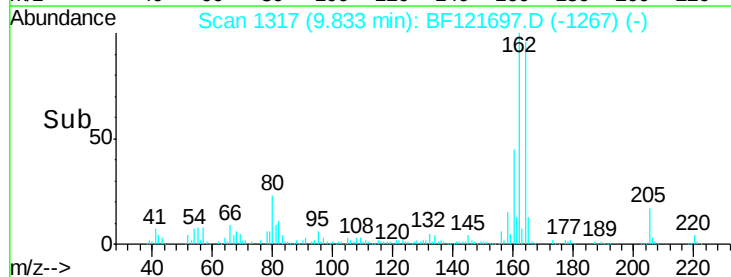
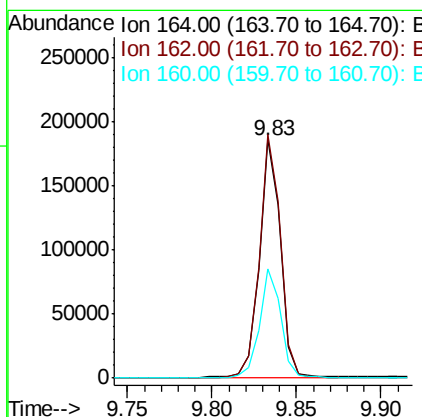
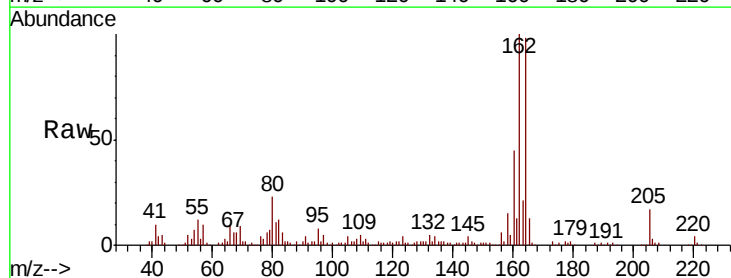
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.3	123.5
160	45.8	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 157.152 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121697.D

Acq: 25 Sep 2020 15:53

Instrument :

BNA_F

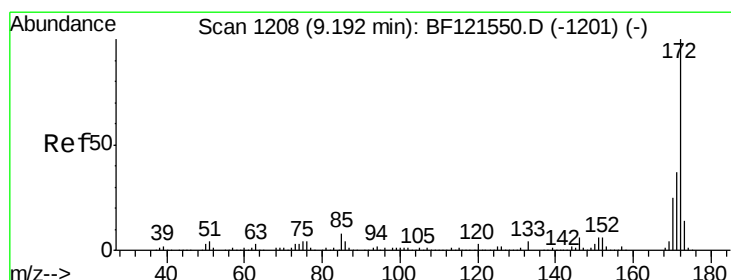
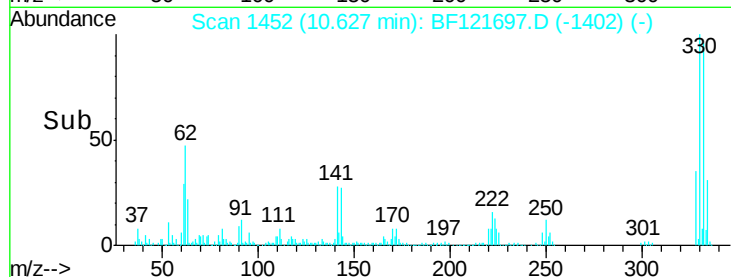
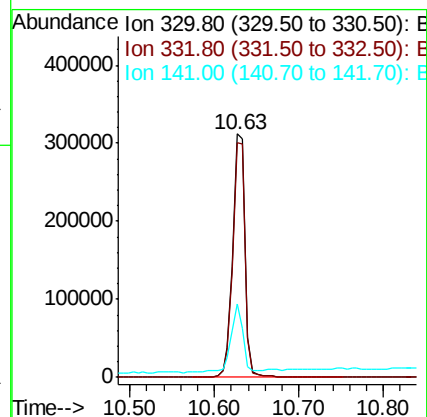
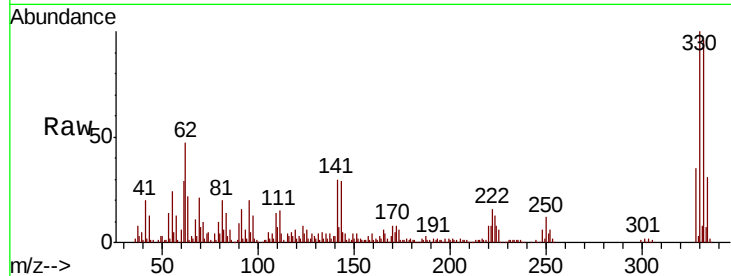
ClientSampleId :

PE-2B-(3.0-3.5)

Tot Ion:	330	Resp:	312936
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.7	115.1
141	27.4	22.2	33.2

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#45

2-Fluorobiphenyl

Concen: 118.030 ng

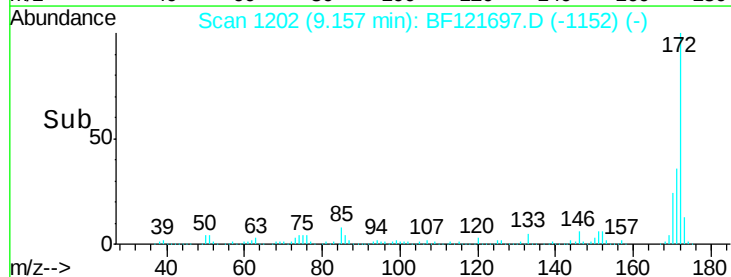
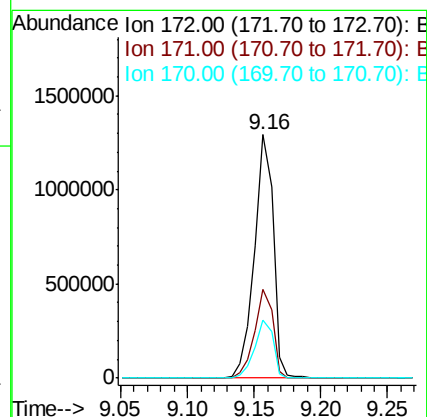
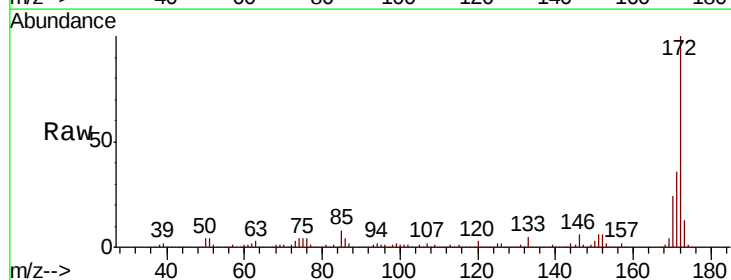
RT: 9.16 min Scan# 1202

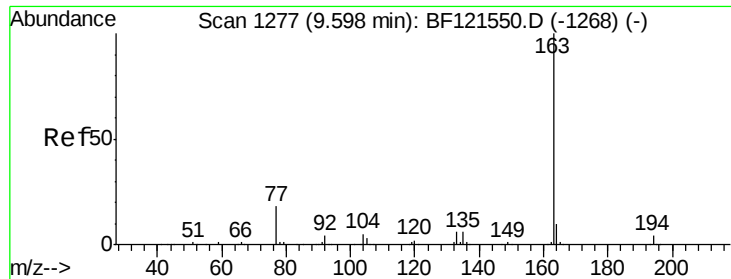
Delta R.T. -0.01 min

Lab File: BF121697.D

Acq: 25 Sep 2020 15:53

Tgt Ion:	172	Resp:	1248606
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	23.9	19.6	29.4





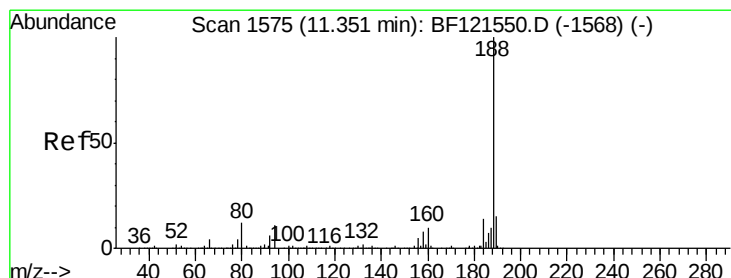
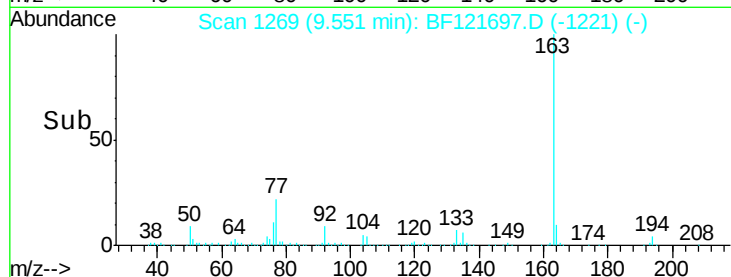
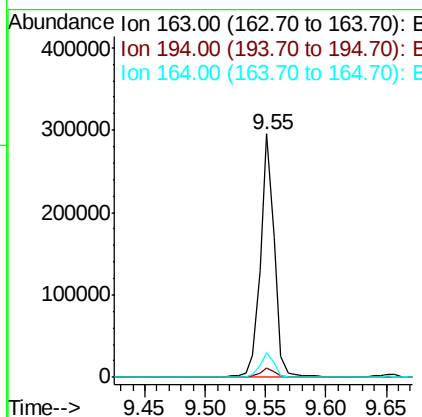
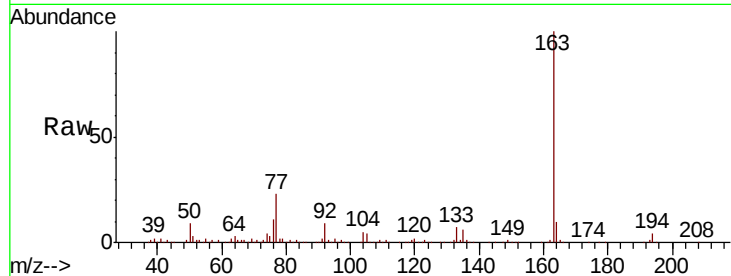
#50
Dimethylphthalate
Concen: 20.379 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	236644		
194	3.8		3.1	4.7
164	10.3		8.3	12.5

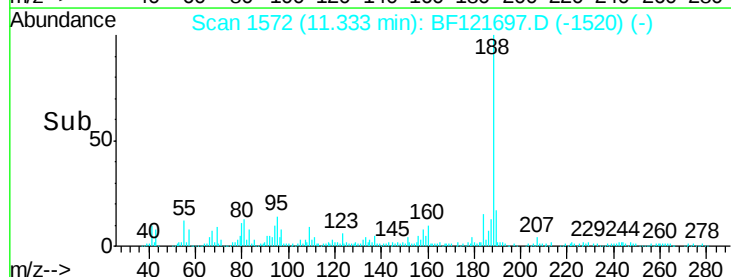
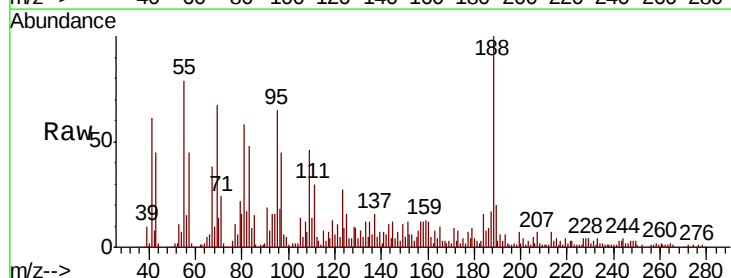
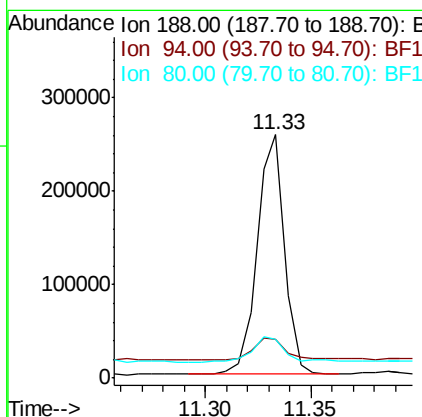
Manual Integrations
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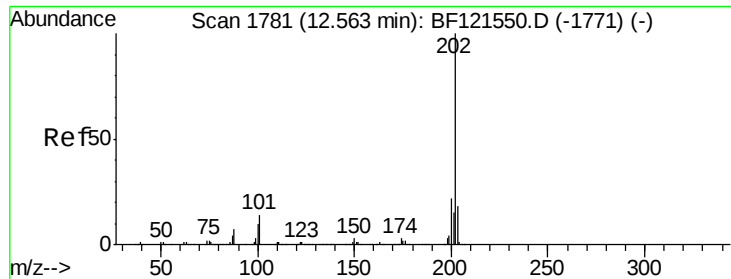
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	231161		
94	15.9		7.9	11.9#
80	16.1		8.6	13.0#





#75

Fluoranthene

Concen: 6.424 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.02 min

Lab File: BF121697.D

Acq: 25 Sep 2020 15:53

Instrument :

BNA_F

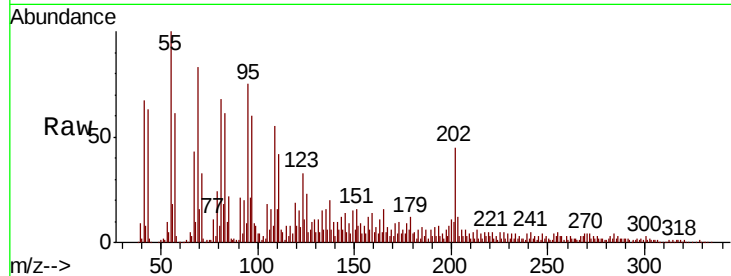
ClientSampleId :

PE-2B-(3.0-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	86363		
101	9.7	0.0	33.2	
203	27.0	0.0	38.2	

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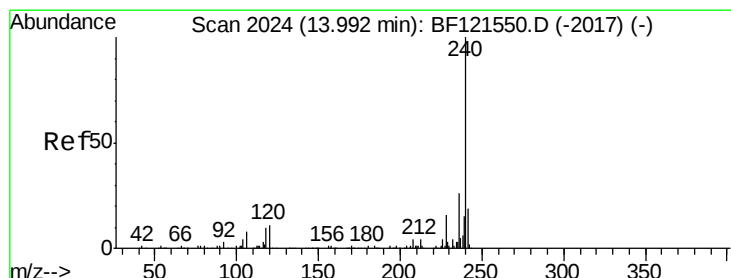
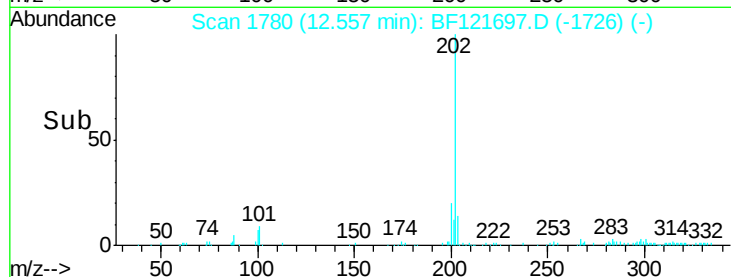
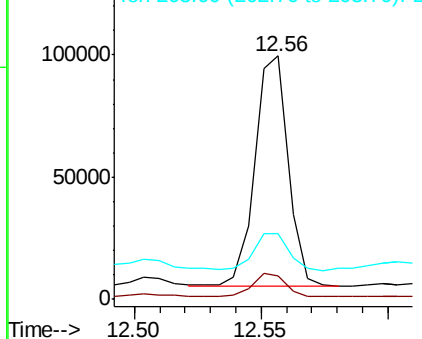
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Abundance Ion 202.00 (201.70 to 202.70): E

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

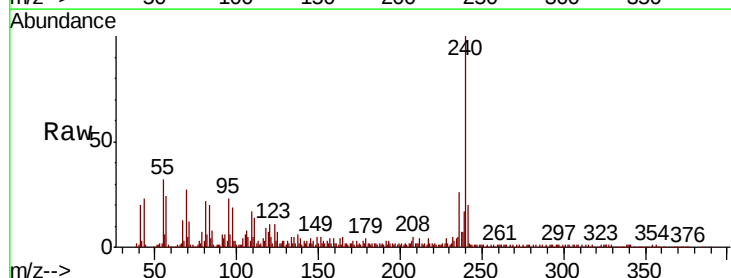
RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF121697.D

Acq: 25 Sep 2020 15:53

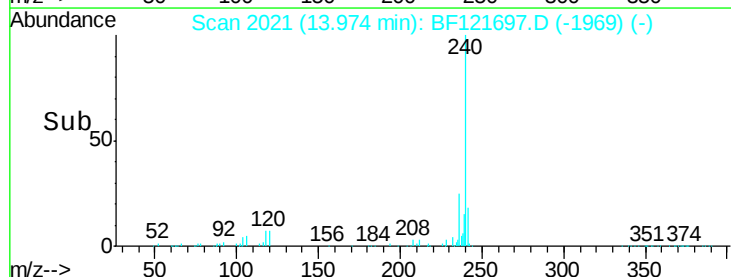
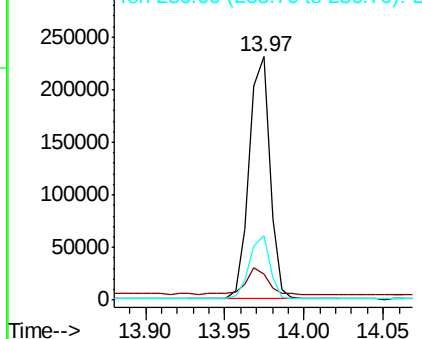
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	210561		
120	10.9	9.9	14.9	
236	26.2	20.6	31.0	

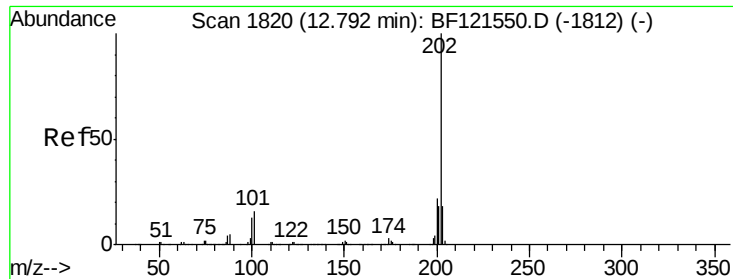


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





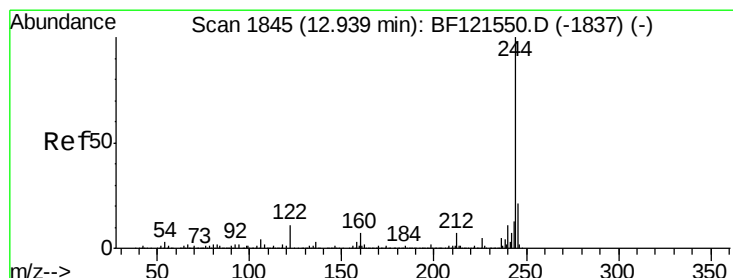
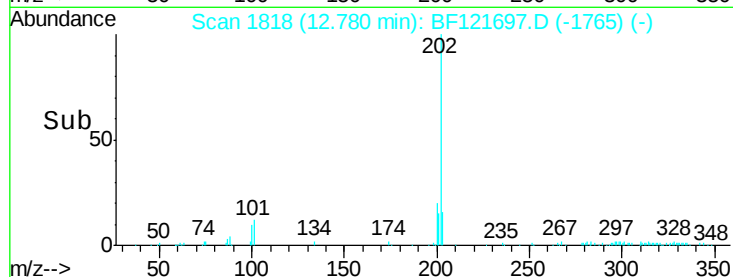
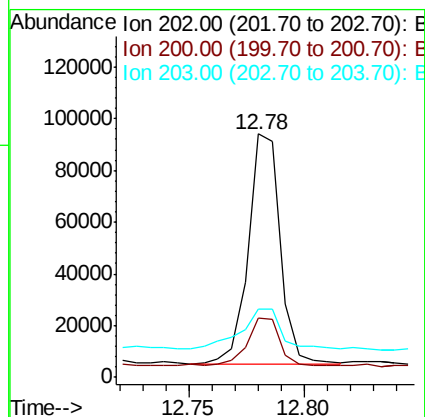
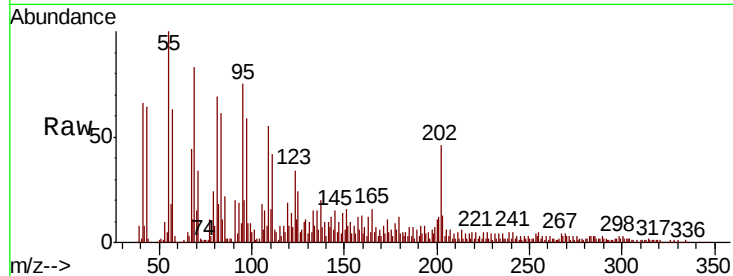
#78
Pvrene
Concen: 5.609 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.3	17.8	26.6
203	28.2	14.6	21.8

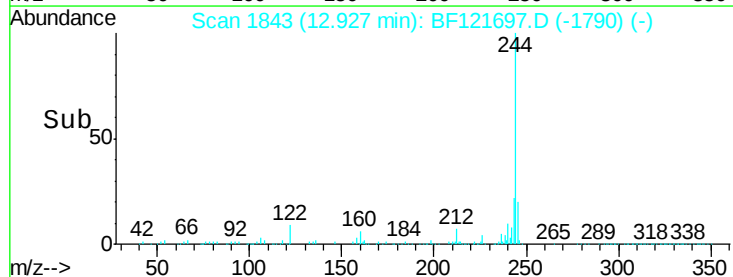
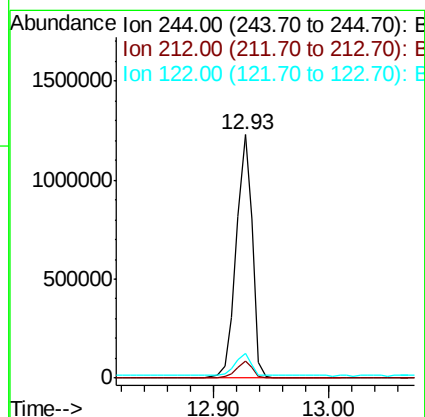
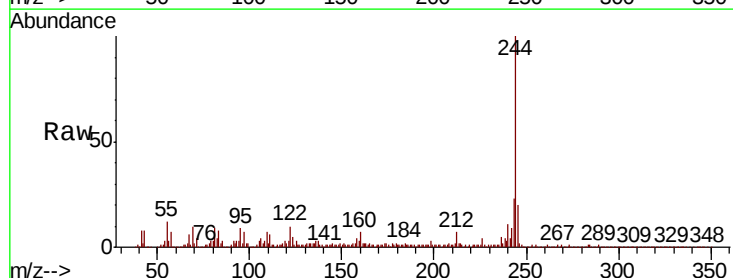
Manual Integrations
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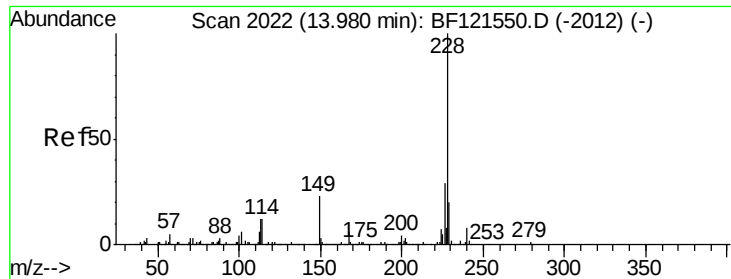
mohammad
9/28/2020 11:10:34 AM



#79
Terphenyl-d14
Concen: 112.234 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.0	8.2	12.4





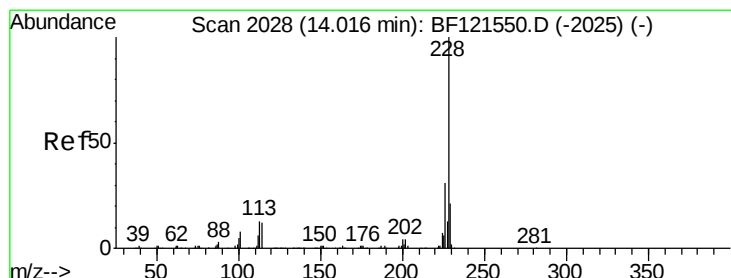
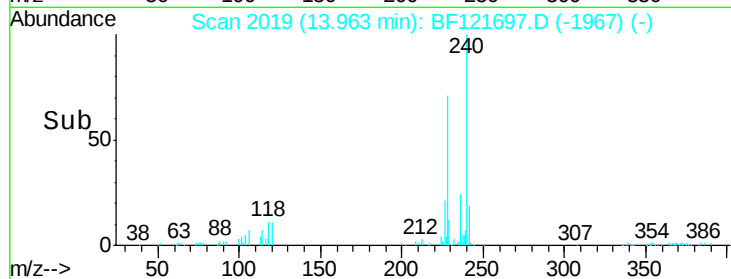
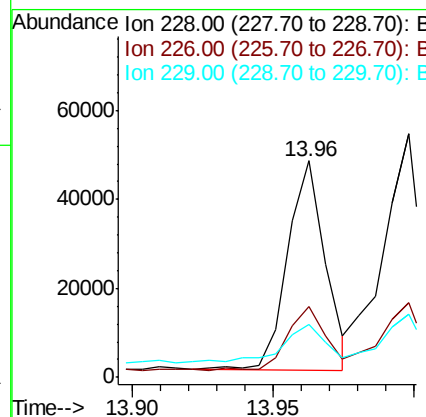
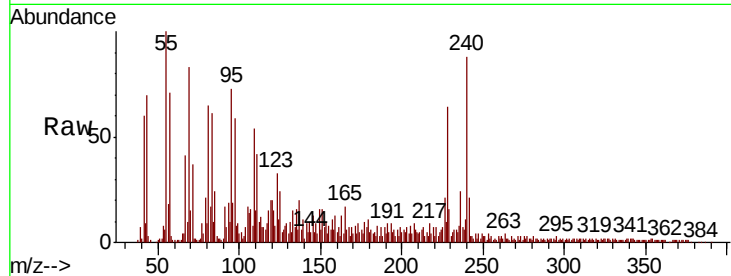
#81
Benzo(a)anthracene
Concen: 3.272 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.5	33.7
229	24.6	16.3	24.5

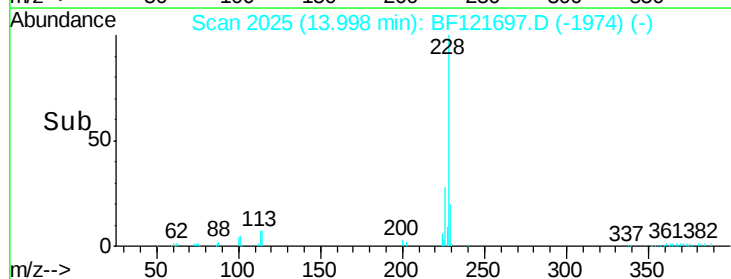
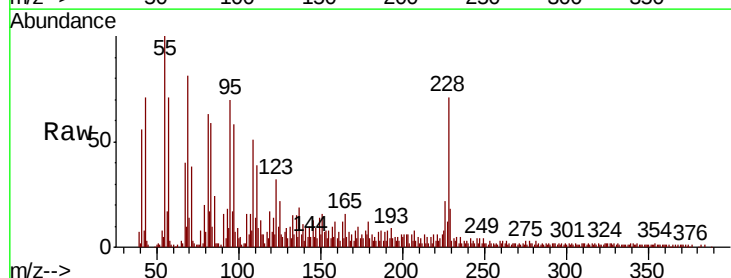
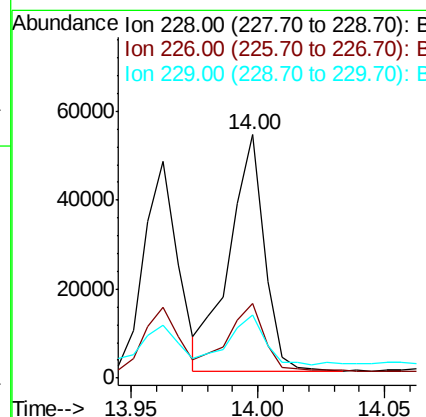
Manual Integrations
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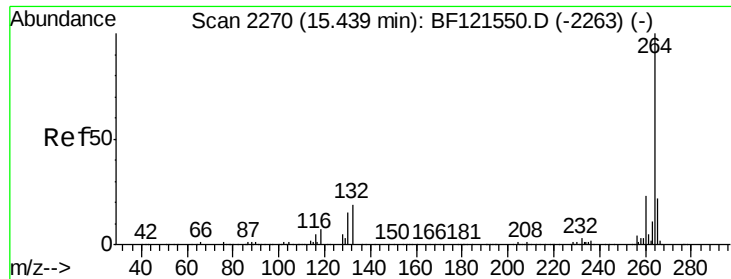
mohammad
9/28/2020 11:10:34 AM



#83
Chrysene
Concen: 3.775 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	25.8	16.2	24.2





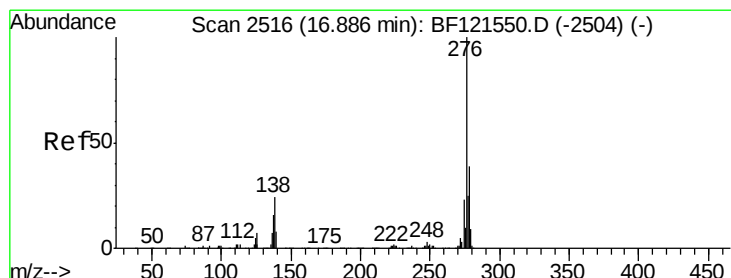
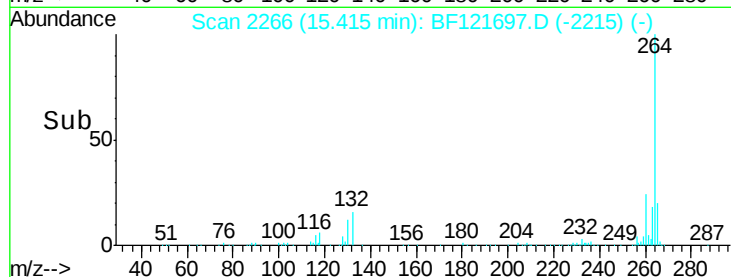
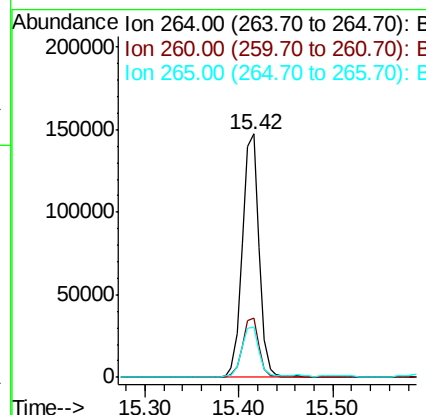
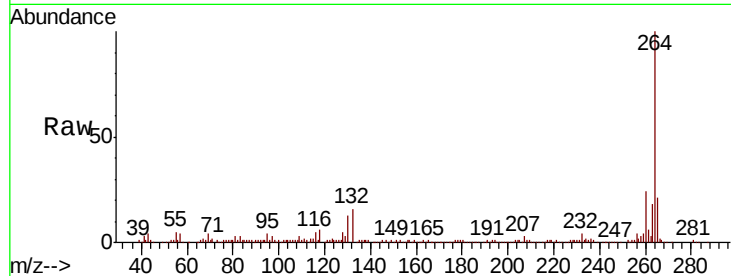
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	20.7	17.6	26.4

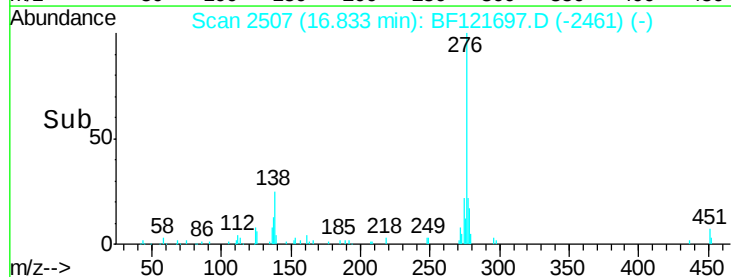
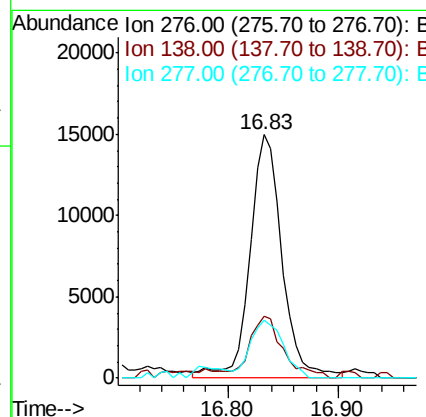
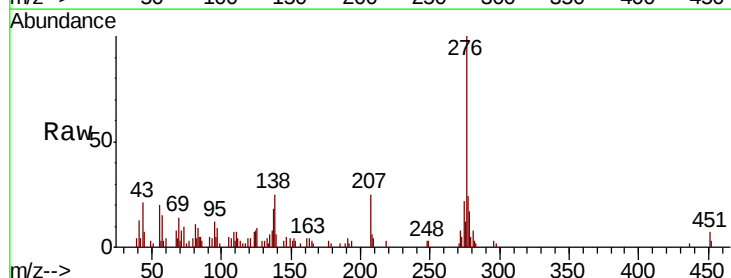
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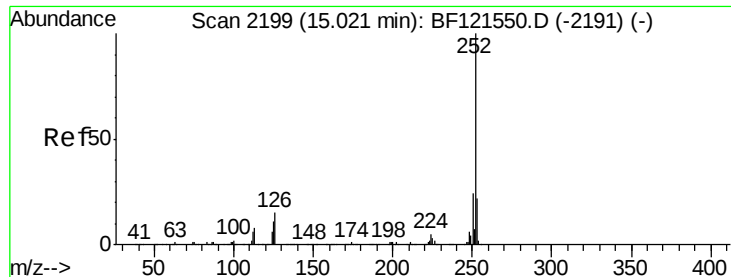
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.587 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.03 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.2	28.8
277	24.3	20.1	30.1





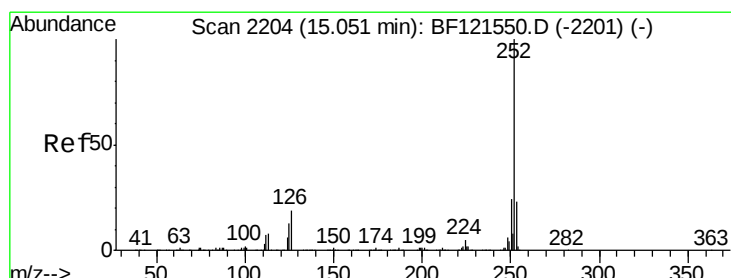
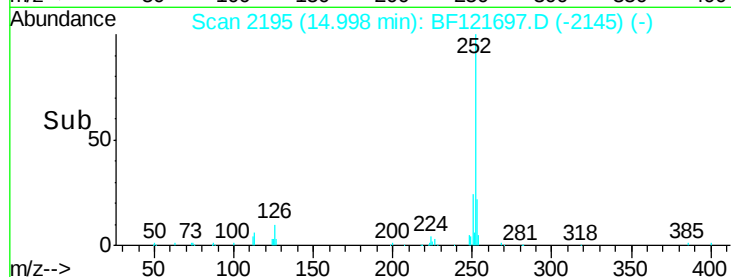
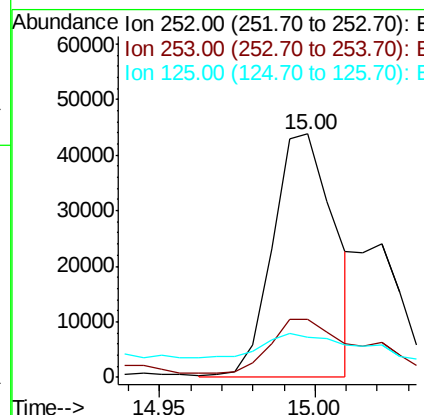
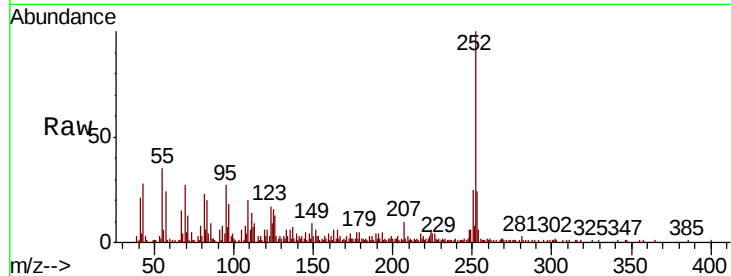
#88
Benzo(b)fluoranthene
Concen: 4.956 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	16.4	7.8	11.6

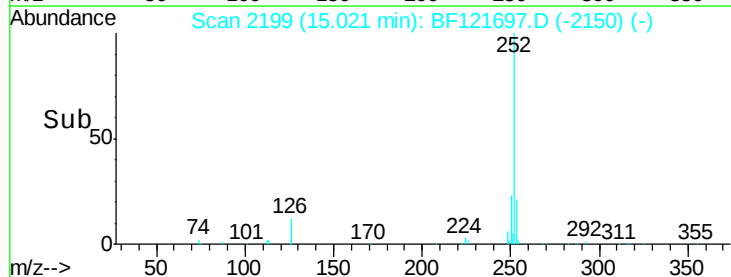
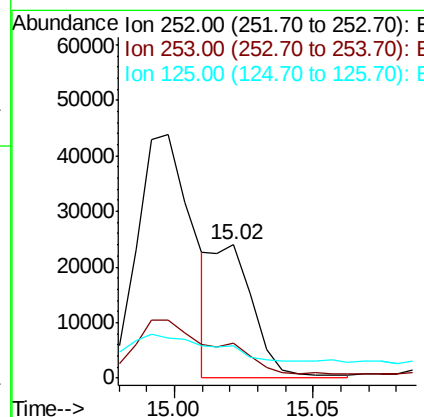
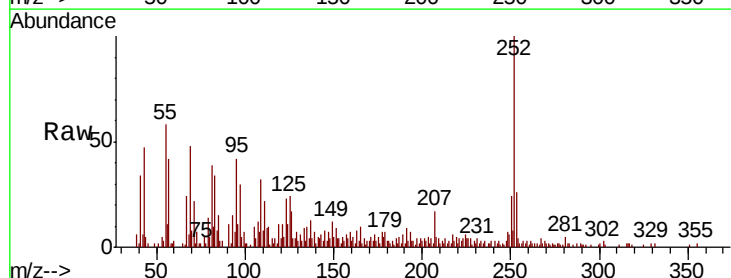
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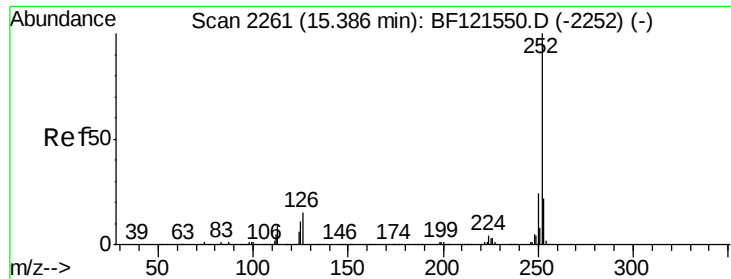
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.240 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	23.9	8.2	12.4





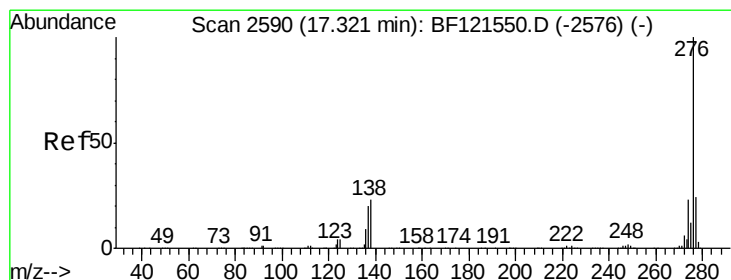
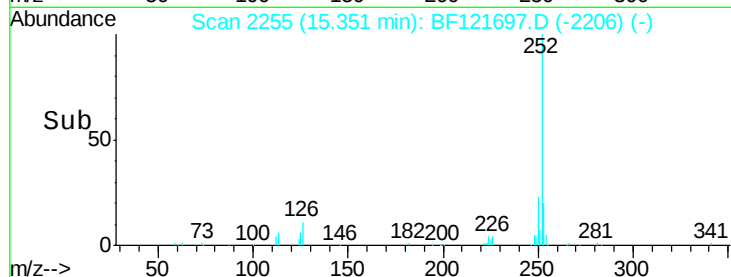
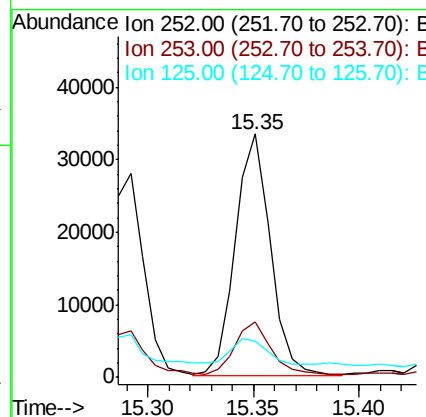
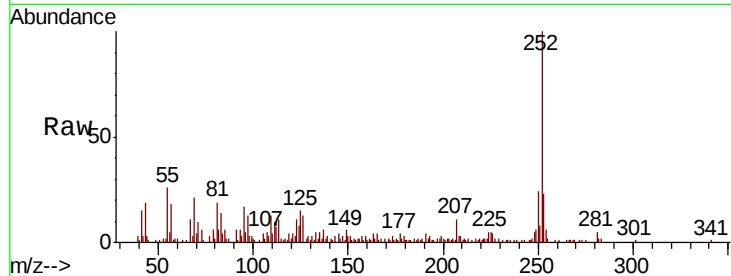
#90
Benzo(a)pyrene
Concen: 3.704 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Instrument :
BNA_F
ClientSampleId :
PE-2B-(3.0-3.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	14.8	9.1	13.7

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#92
Benzo(g,h,i)perylene
Concen: 3.103 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.03 min
Lab File: BF121697.D
Acq: 25 Sep 2020 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.7	28.1
138	21.4	16.8	25.2

