

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116092.D
 Acq On : 9 Aug 2019 2:31
 Operator : HP/JU
 Sample : K4162-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407

Manual Integrations
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mohammad
 8/14/2019 9:21:49 AM

Quant Time: Aug 09 16:57:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	145891	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	581596	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	303354	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	477213	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	300487	20.00	ng	-0.01
87) Perylene-d12	15.46	264	332511	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	795376	91.27	ng	0.00
7) Phenol-d6	6.47	99	1050652	95.56	ng	-0.01
23) Nitrobenzene-d5	7.40	82	658402	65.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	258341	87.84	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1182281	73.00	ng	-0.01
79) Terphenyl-d14	12.94	244	1054073	73.92	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	212595	10.293	ng	Qvalue 100
71) Phenanthrene	11.38	178	83350	3.417	ng	98
75) Fluoranthene	12.57	202	143189	5.606	ng	97
78) Pyrene	12.80	202	155391	6.860	ng	98
81) Benzo(a)anthracene	13.99	228	52141	2.715	ng	99
83) Chrysene	14.02	228	58492	3.137	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	51847	4.164	ng	100
88) Benzo(b)fluoranthene	15.04	252	60187m	3.130	ng	
90) Benzo(a)pyrene	15.40	252	34399	2.001	ng	# 93

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

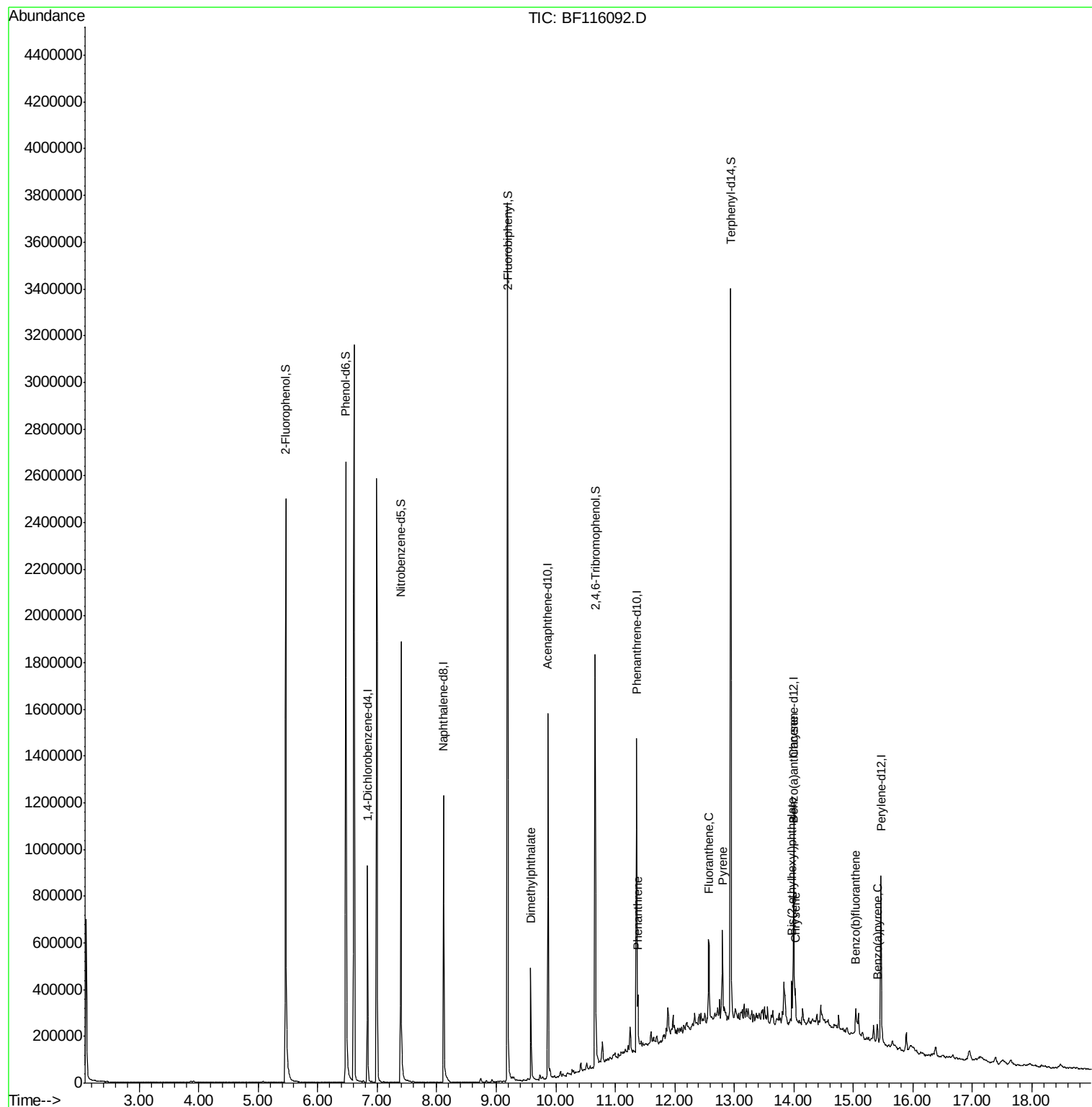
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116092.D
Acq On : 9 Aug 2019 2:31
Operator : HP/JU
Sample : K4162-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

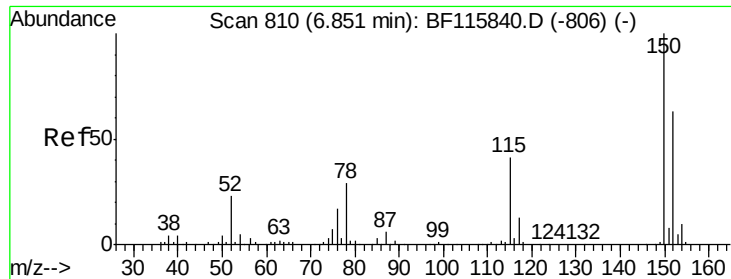
Instrument :
BNA_F
ClientSampleId :
RT-3407

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#1

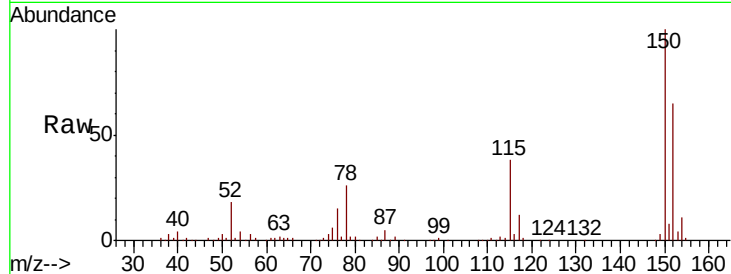
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Instrument :
BNA_F
ClientSampleId :
RT-3407

Tot Ion	Ratio	Resp	Lower	Upper
152	100	145891		
150	154.6	126.2	189.2	
115	59.2	49.9	74.9	

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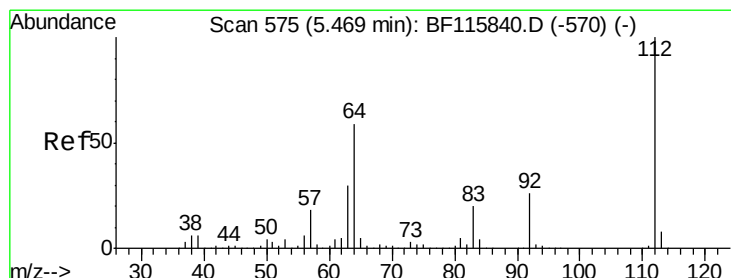
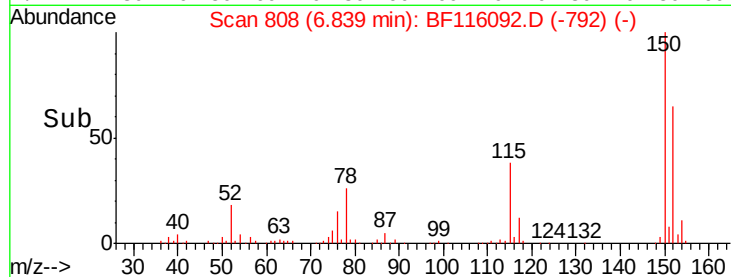
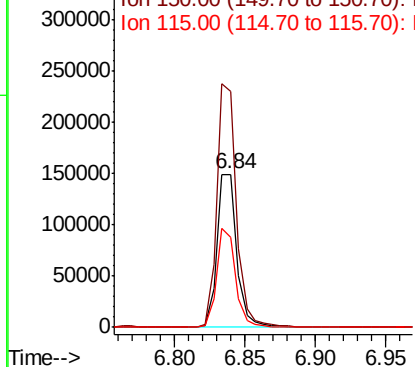


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

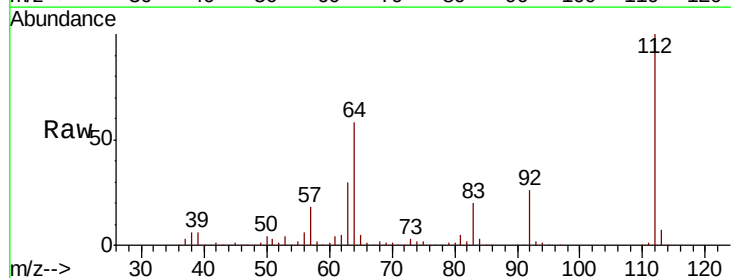
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.267 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	795376		
64	58.4	45.4	68.2	
63	30.4	23.7	35.5	

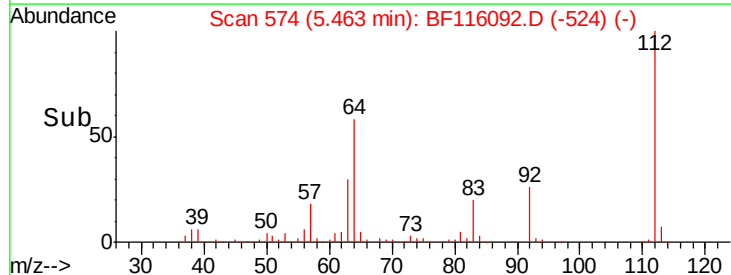
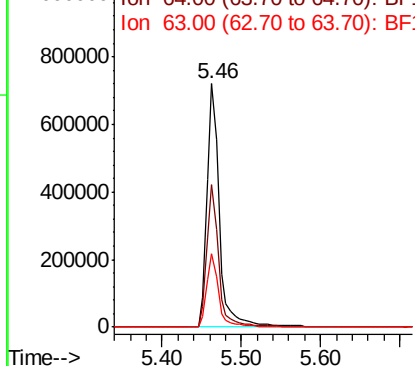


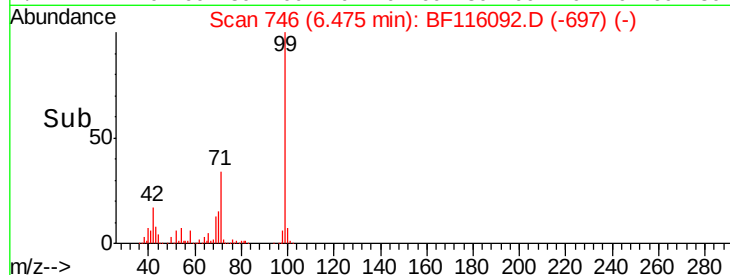
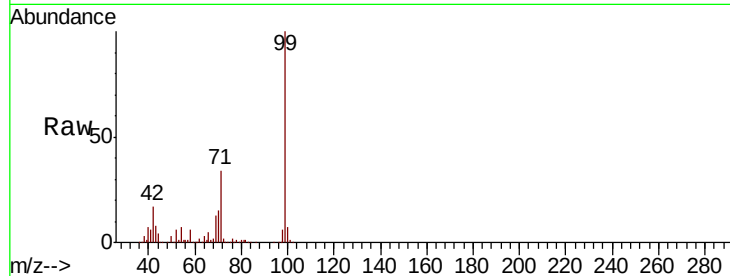
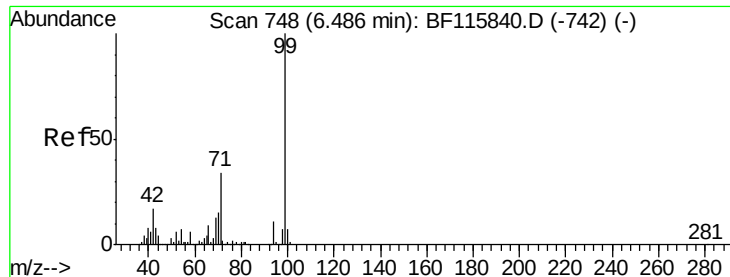
Abundance

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: 95.555 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116092.D

Acq: 9 Aug 2019 2:31

Tot Ion: 99 Resp: 1050652

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 34.5 27.3 40.9

Instrument :

BNA_F

ClientSampleId :

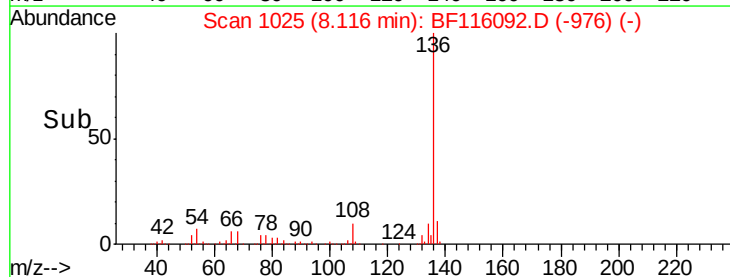
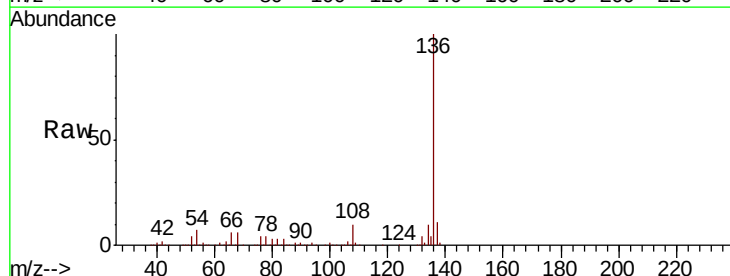
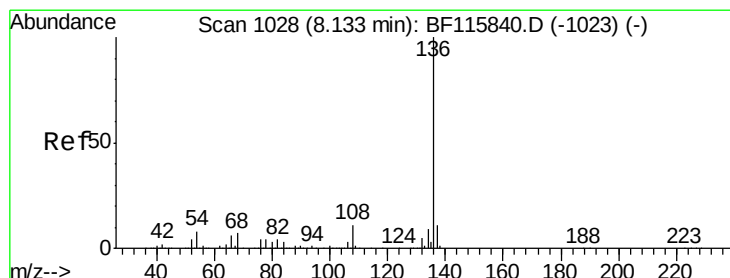
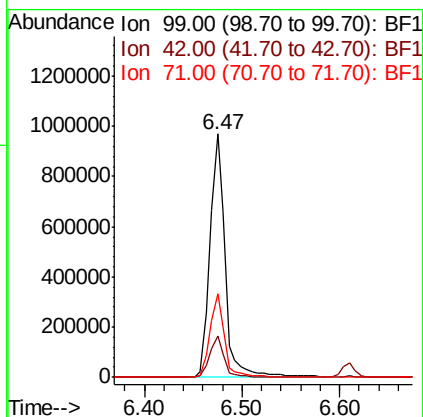
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116092.D

Acq: 9 Aug 2019 2:31

Tgt Ion: 136 Resp: 581596

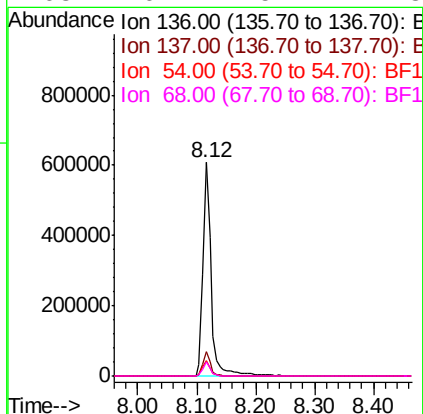
Ion Ratio Lower Upper

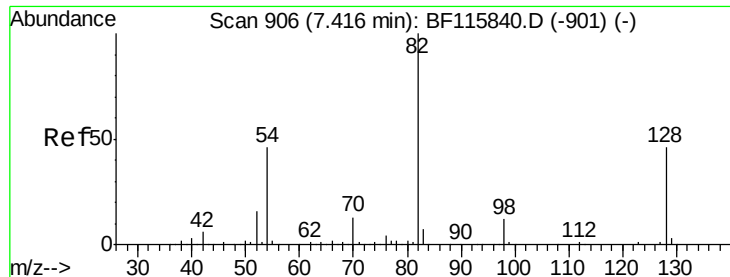
136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.2 7.8





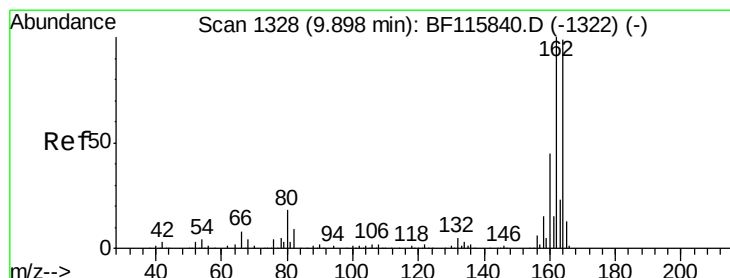
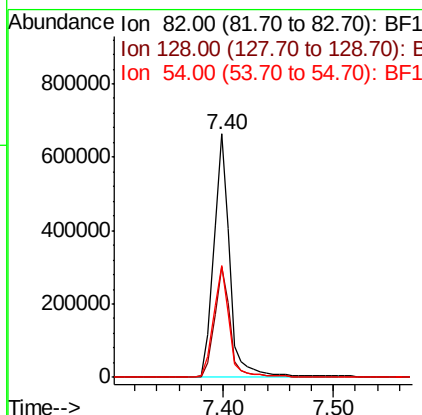
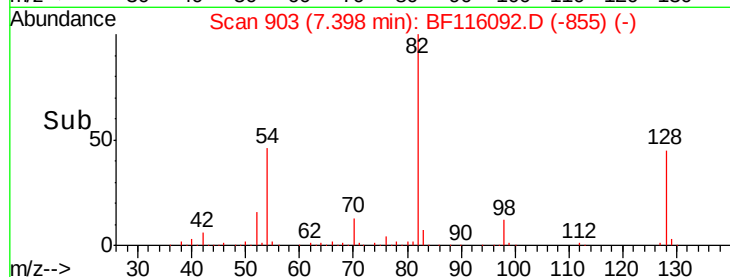
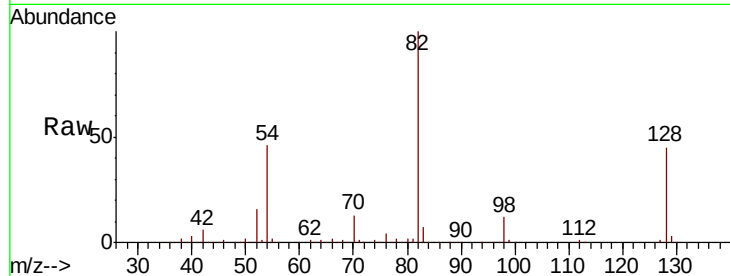
#23
Nitrobenzene-d5
Concen: 65.346 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Instrument :
BNA_F
ClientSampled :
RT-3407

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.5	54.7
54	45.8	36.0	54.0

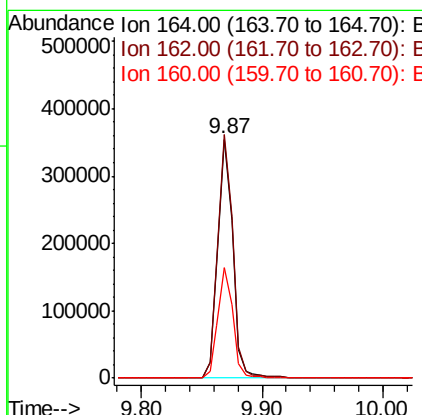
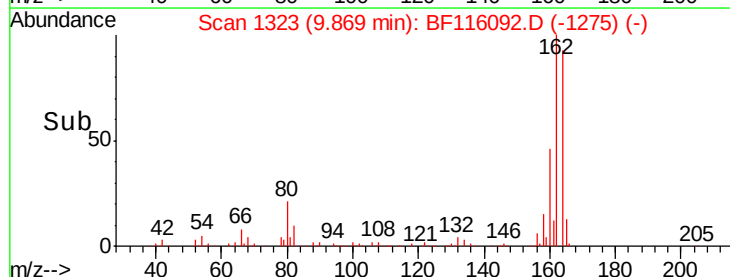
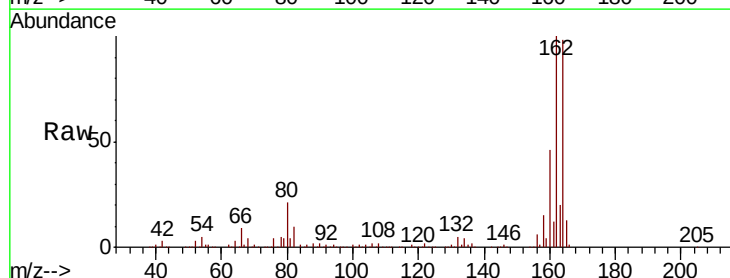
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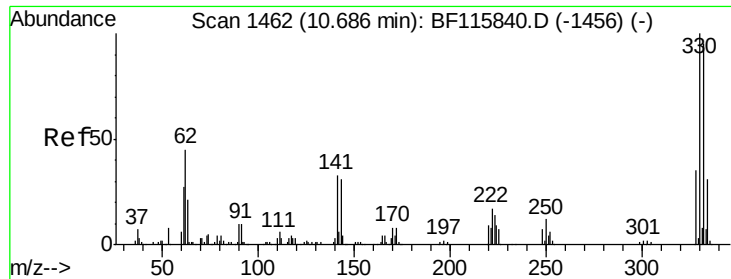
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.4	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 87.838 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116092.D

Acq: 9 Aug 2019 2:31

Instrument :

BNA_F

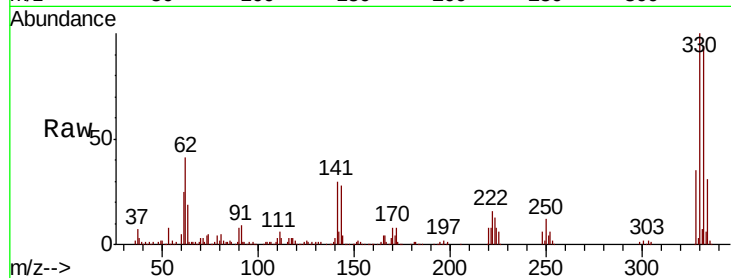
ClientSampleId :

RT-3407

Tot Ion:	330	Resp:	258341
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.8	115.2
141	33.9	26.3	39.5

Manual Integrations
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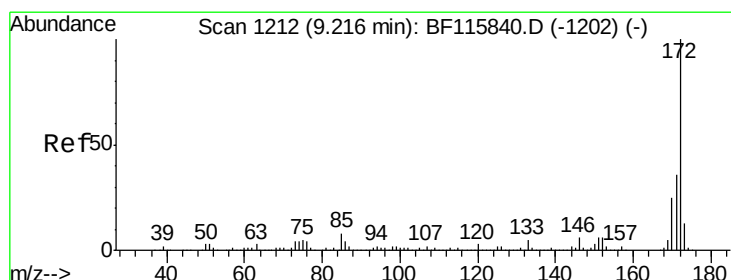
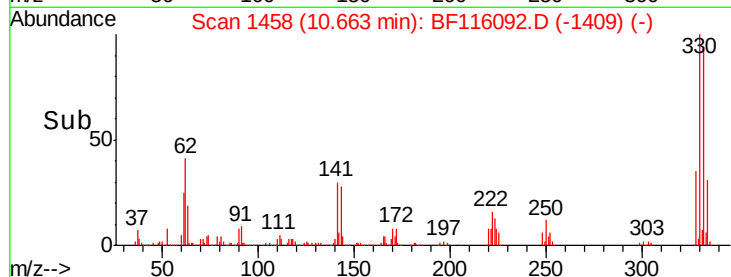
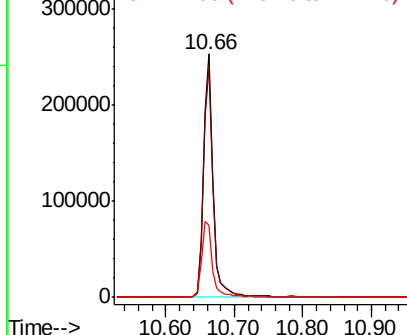


Abundance

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: 73.000 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116092.D

Acq: 9 Aug 2019 2:31

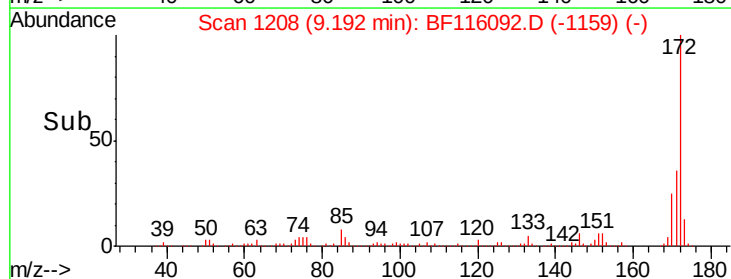
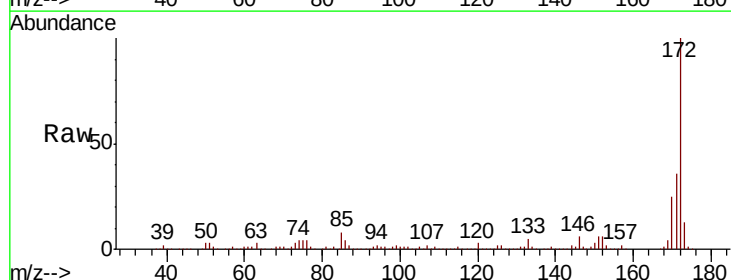
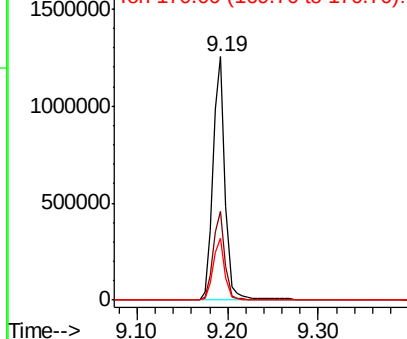
Tgt Ion:	172	Resp:	1182281
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	25.2	20.1	30.1

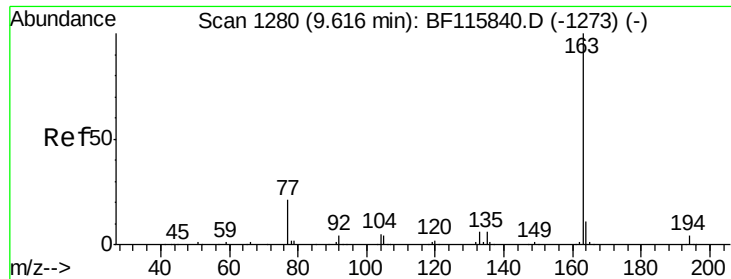
Abundance

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





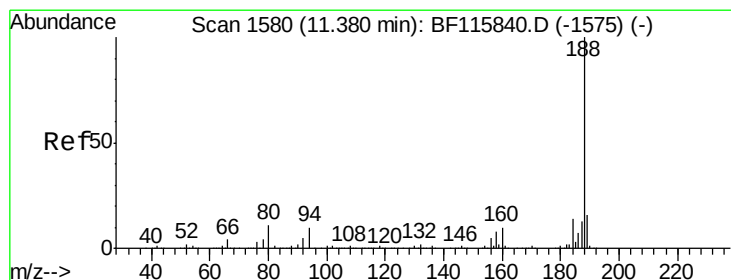
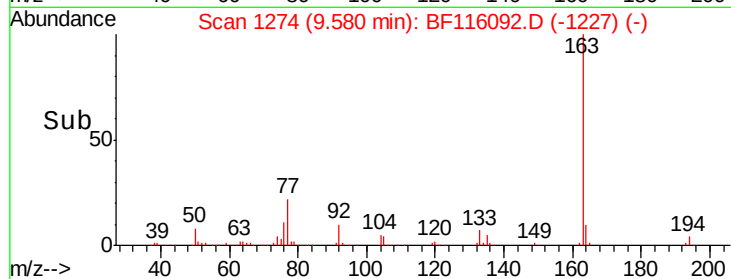
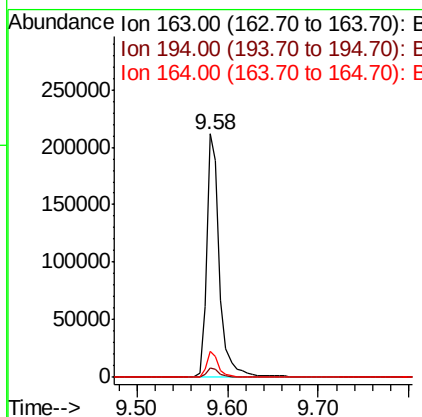
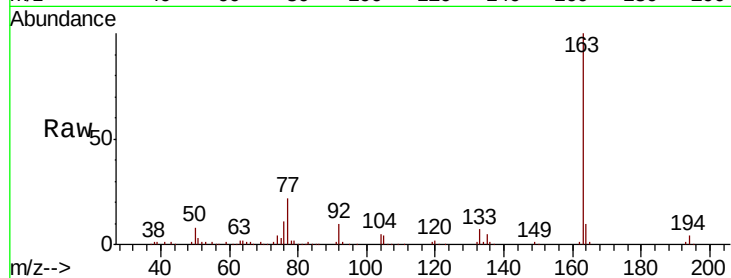
#50
Dimethylphthalate
Concen: 10.293 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Instrument :
BNA_F
ClientSampleId :
RT-3407

Tot Ion	Ratio	Resp	Lower	Upper
163	100	212595		
194	3.7		3.0	4.6
164	10.5		8.4	12.6

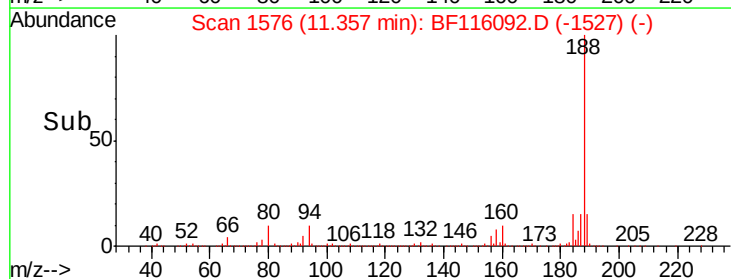
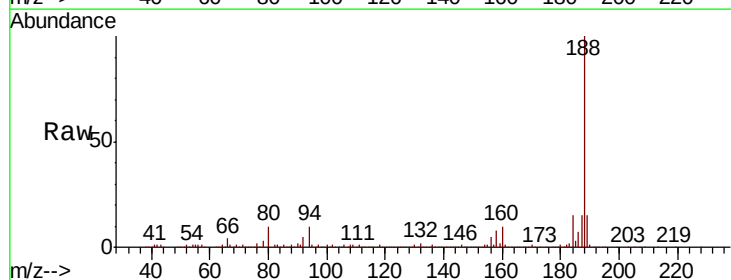
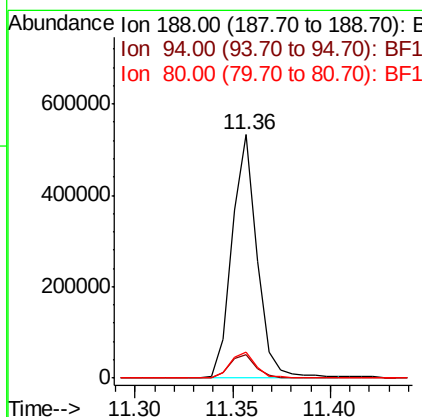
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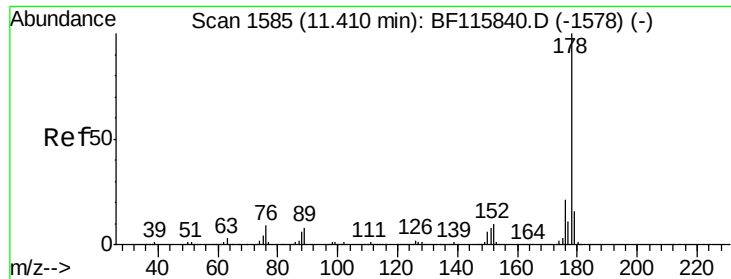
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	477213		
94	9.7		8.1	12.1
80	10.4		8.7	13.1





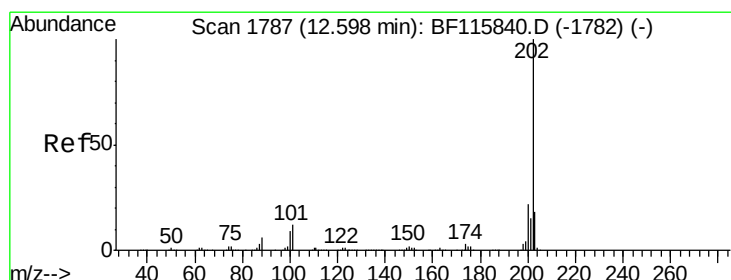
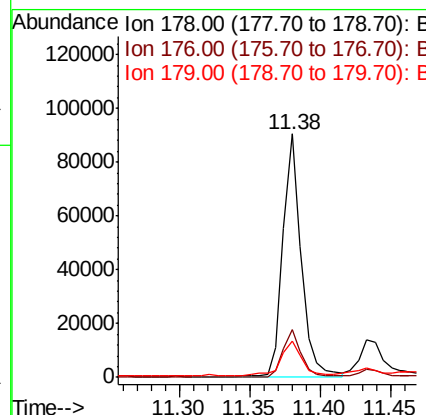
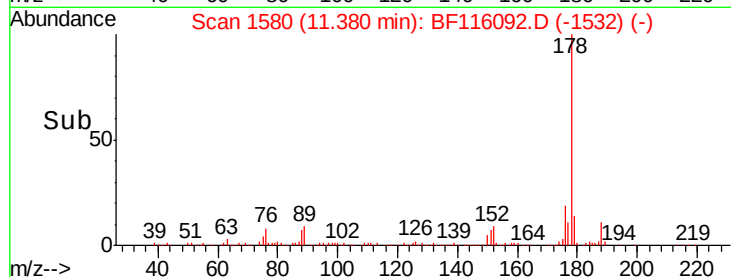
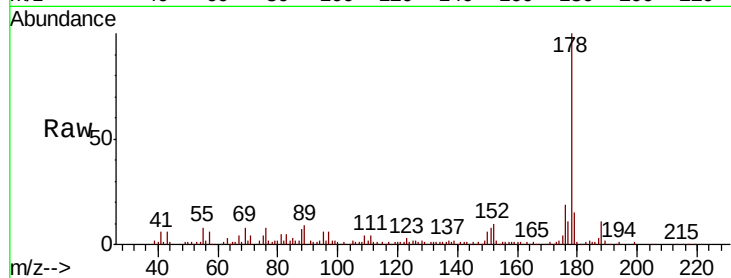
#71
Phenanthrene
Concen: 3.417 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Instrument :
BNA_F
ClientSampleId :
RT-3407

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	24.8
179	15.1	12.5	18.7

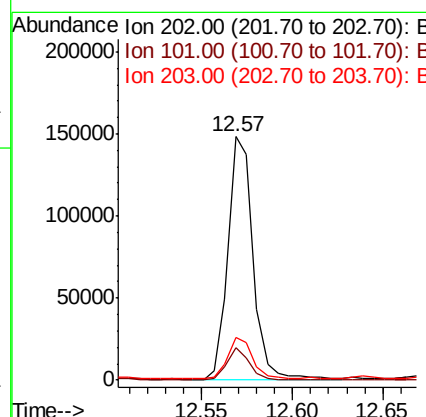
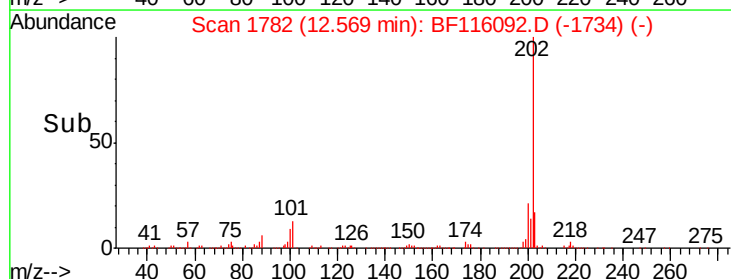
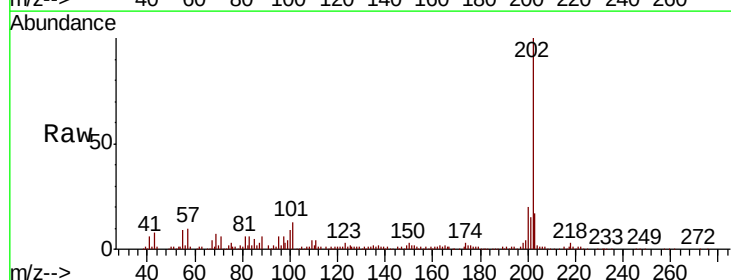
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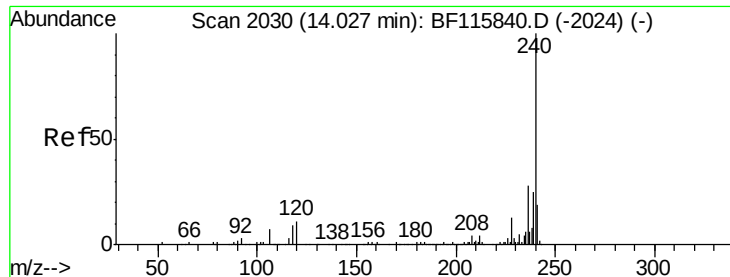
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#75
Fluoranthene
Concen: 5.606 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.2
203	17.4	0.0	37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116092.D

Acq: 9 Aug 2019 2:31

Instrument :

BNA_F

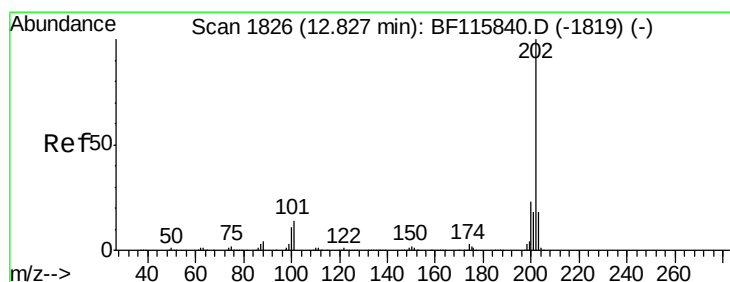
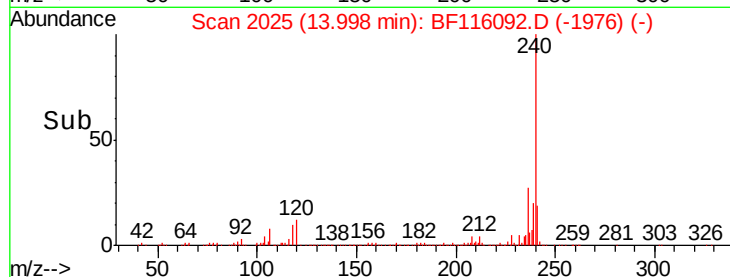
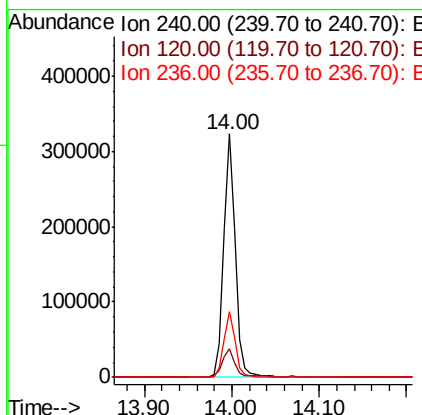
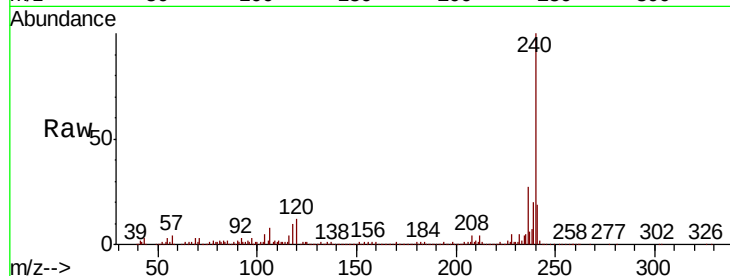
ClientSampleId :

RT-3407

Tot Ion:	240	Resp:	300487
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.7	16.1
236	27.0	22.2	33.2

Manual Integrations
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#78

Pyrene

Concen: 6.860 ng

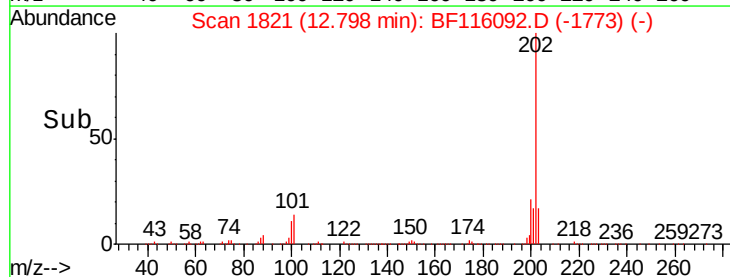
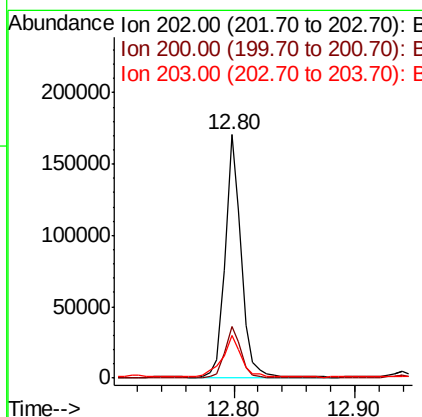
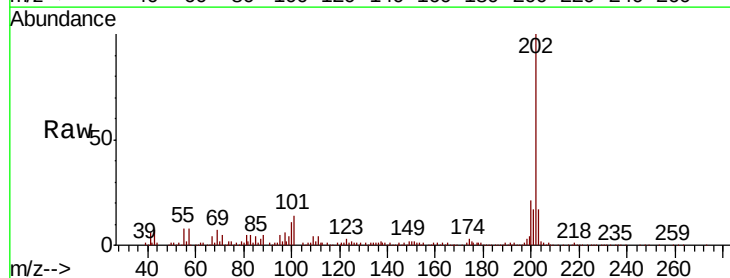
RT: 12.80 min Scan# 1821

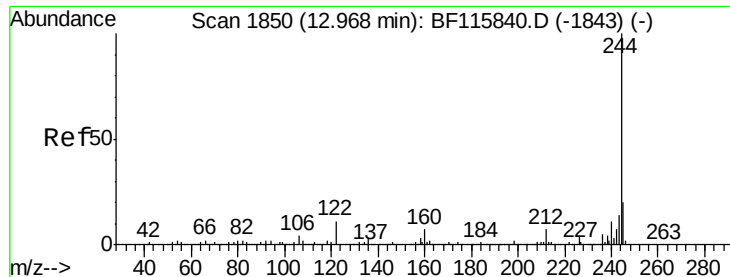
Delta R.T. -0.02 min

Lab File: BF116092.D

Acq: 9 Aug 2019 2:31

Tgt Ion:	202	Resp:	155391
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.0	27.0
203	17.3	14.1	21.1





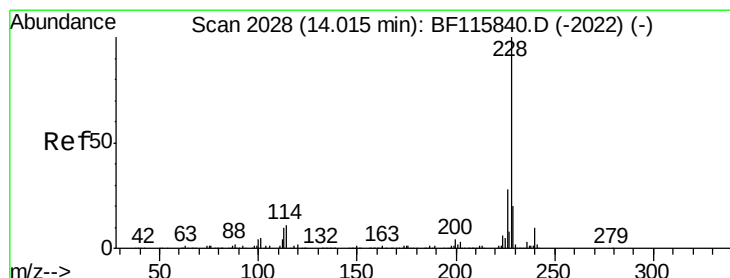
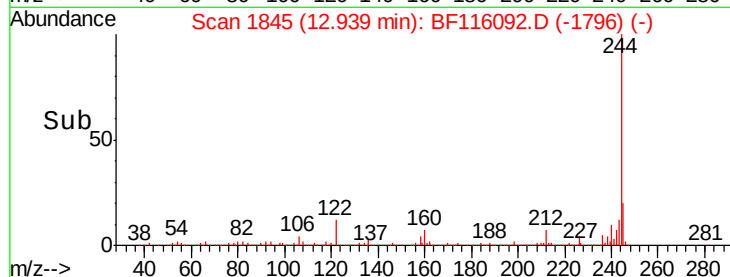
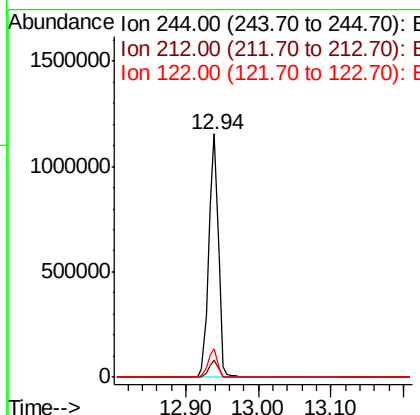
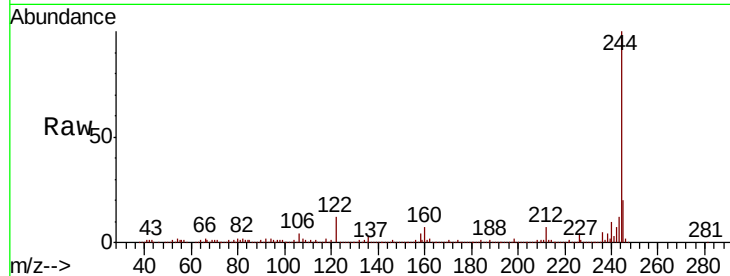
#79
 Terphenyl-d14
 Concen: 73.917 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116092.D
 Acq: 9 Aug 2019 2:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407

Tot Ion:244 Resp: 1054073
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.7 9.0 13.4

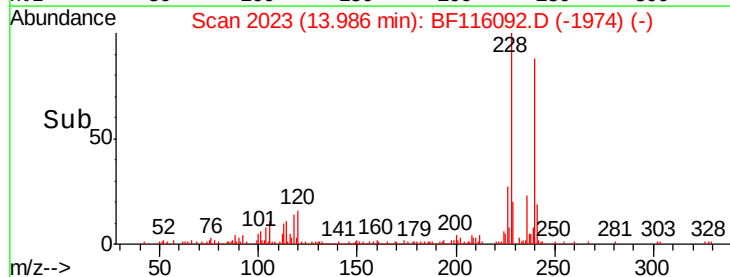
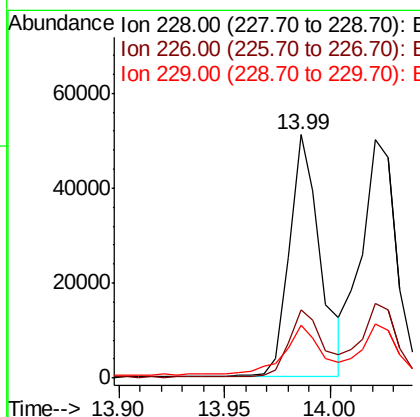
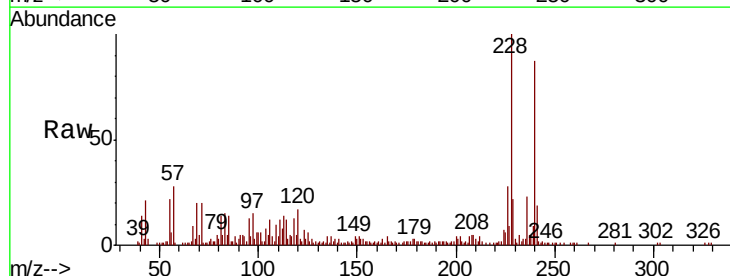
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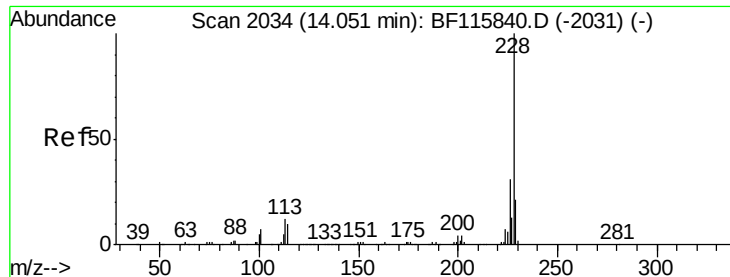
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.715 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116092.D
 Acq: 9 Aug 2019 2:31

Tgt Ion:228 Resp: 52141
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.7 34.1
 229 21.6 16.2 24.4





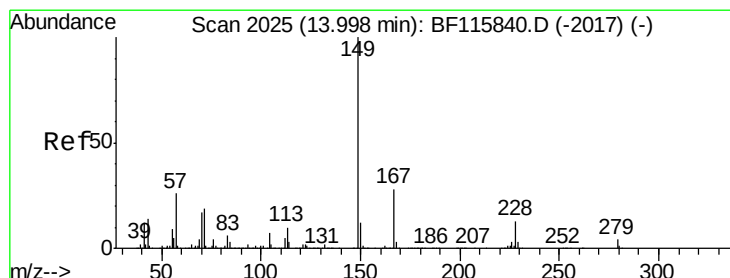
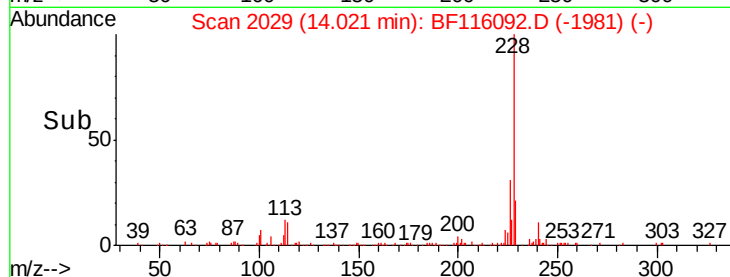
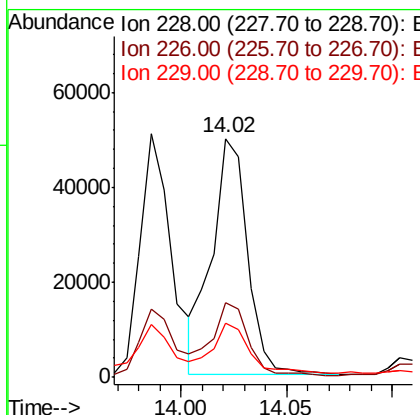
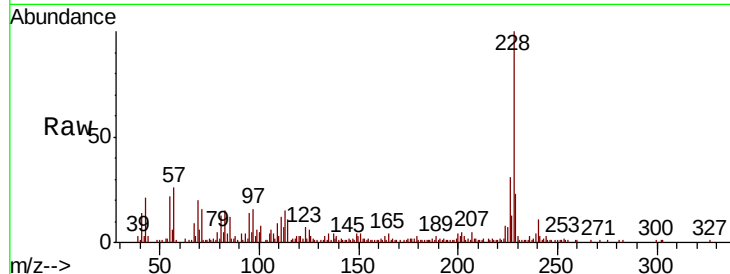
#83
 Chrysene
 Concen: 3.137 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF116092.D
 Acq: 9 Aug 2019 2:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	22.8	16.6	24.8

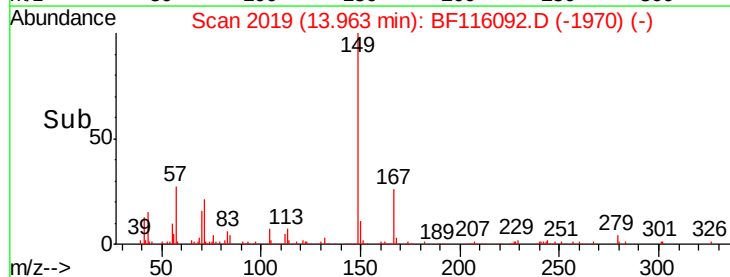
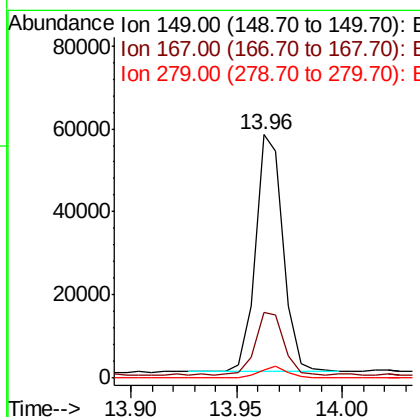
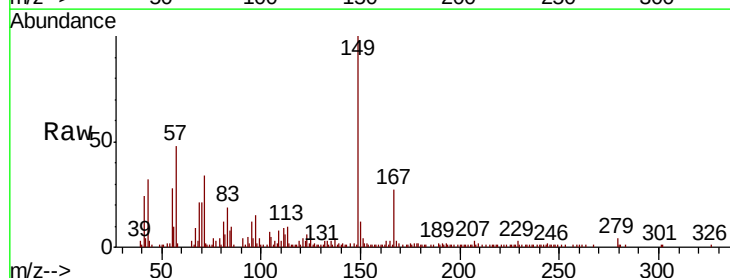
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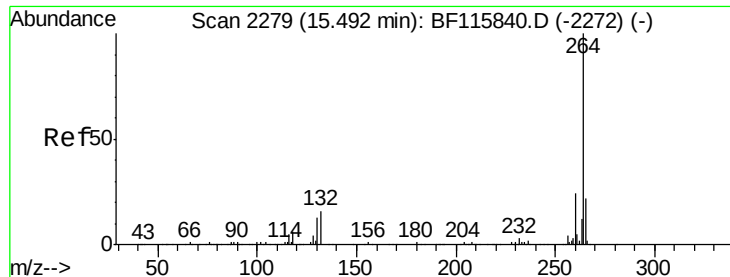
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.164 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116092.D
 Acq: 9 Aug 2019 2:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.6	32.4
279	3.5	3.0	4.4





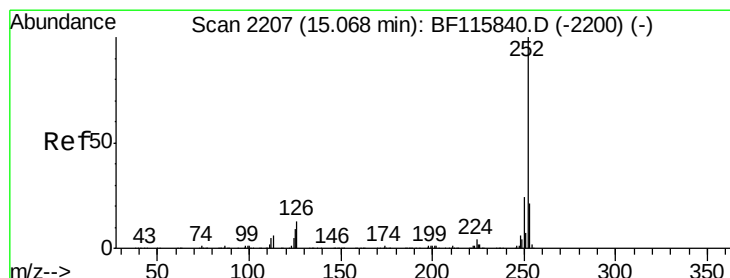
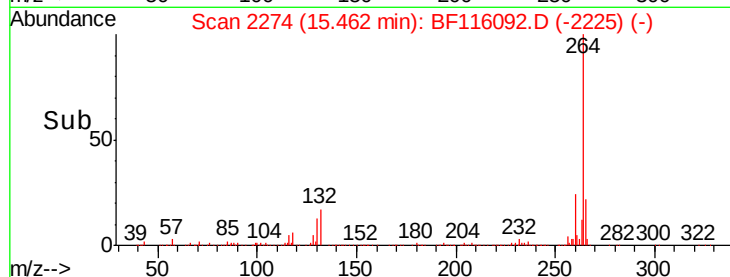
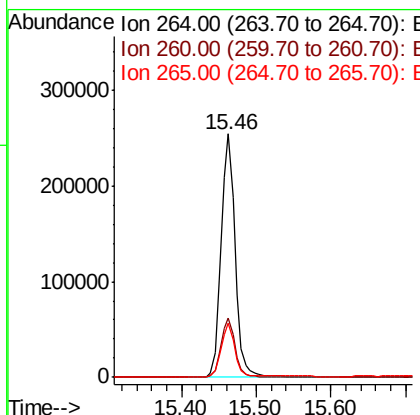
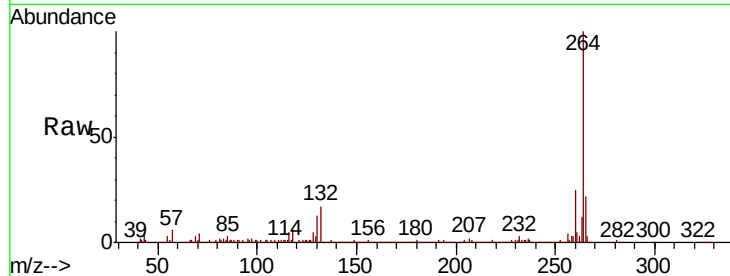
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Instrument :
BNA_F
ClientSampleId :
RT-3407

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.2	17.4	26.0

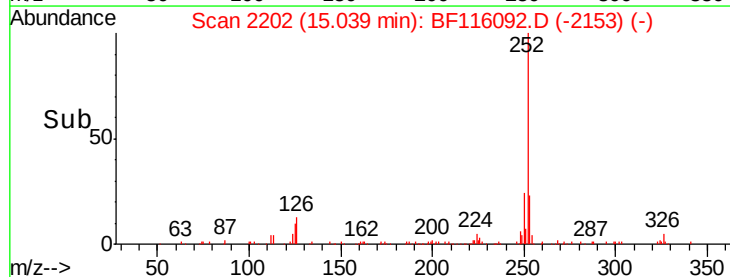
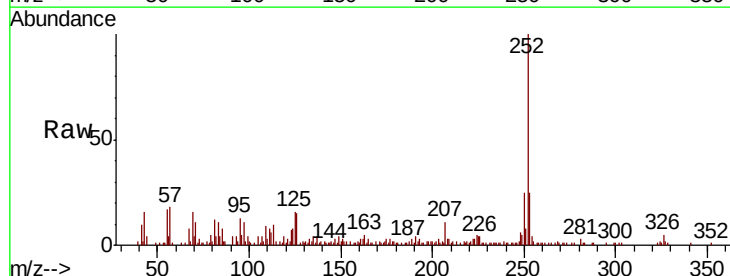
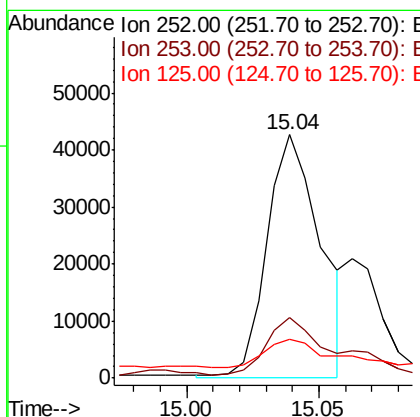
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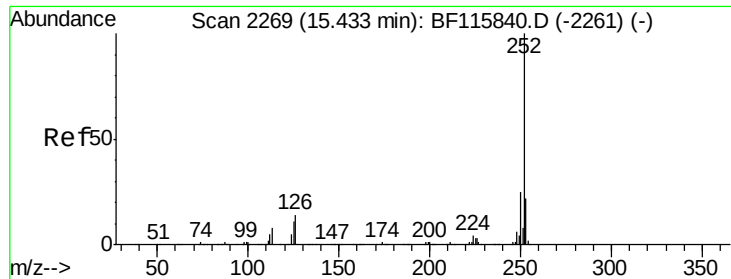
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#88
Benzo(b)fluoranthene
Concen: 3.130 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116092.D
Acq: 9 Aug 2019 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	16.0	8.4	12.6





#90
 Benzo(a)pyrene
 Concen: 2.001 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BF116092.D
 Acq: 9 Aug 2019 2:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.6	18.0	27.0
125	15.9	8.9	13.3

Manual Integrations
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mohammad
 8/14/2019 9:21:49 AM

