

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116091.D
 Acq On : 9 Aug 2019 2:04
 Operator : HP/JU
 Sample : K4154-08 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-8

Manual Integrations
 APPROVED

mohammad
 8/14/2019 9:21:39 AM

Quant Time: Aug 09 16:55:03 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	141529	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	590986	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	313781	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	509740	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	335244	20.00	ng	-0.01
87) Perylene-d12	15.46	264	364989	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	416437	49.26	ng	-0.01
7) Phenol-d6	6.47	99	575402	53.94	ng	-0.02
23) Nitrobenzene-d5	7.40	82	351432	34.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	136536	44.88	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	552229	32.96	ng	-0.02
79) Terphenyl-d14	12.93	244	477202	29.99	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.59	163	155790	7.292	ng	98
71) Phenanthrene	11.38	178	88456	3.394	ng	97
75) Fluoranthene	12.57	202	136528	5.004	ng	98
78) Pyrene	12.80	202	106694	4.222	ng	98
81) Benzo(a)anthracene	13.99	228	49349	2.303	ng	98
83) Chrysene	14.02	228	52248	2.512	ng	98
88) Benzo(b)fluoranthene	15.04	252	63576m	3.012	ng	

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

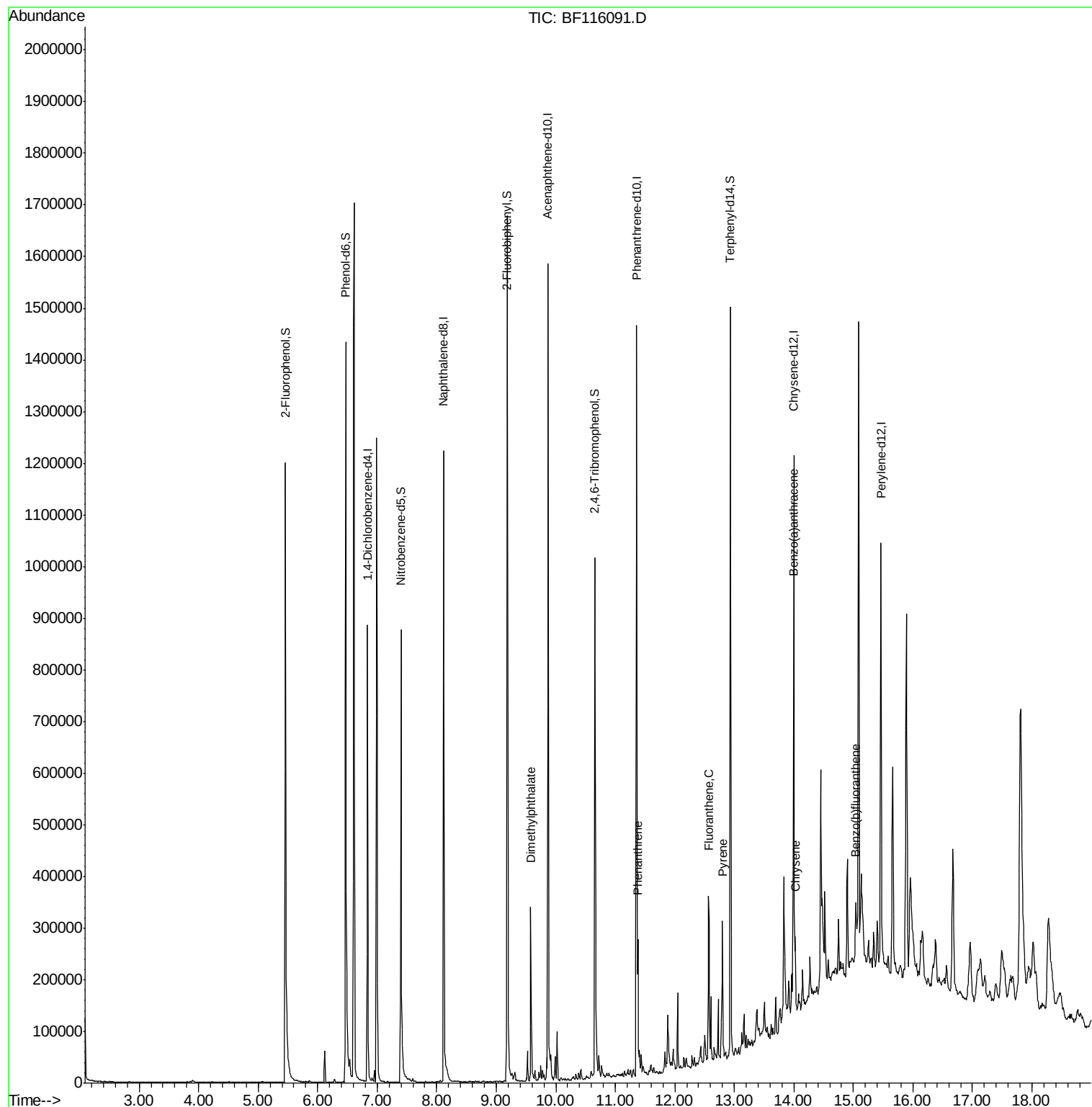
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116091.D
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Sample : K4154-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

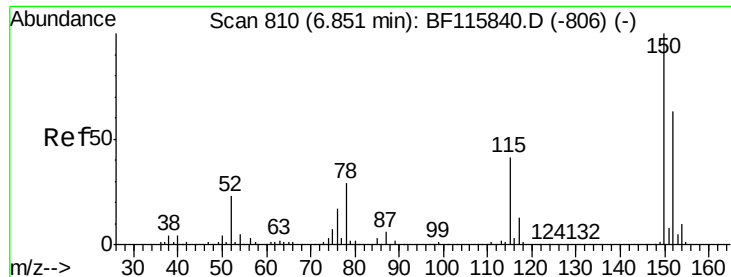
Instrument :
BNA_F
ClientSampled :
PS-8

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8/14/2019 9:21:39 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

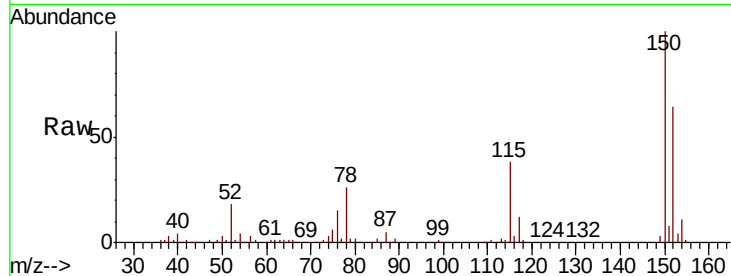
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :
PS-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	59.9	49.9	74.9

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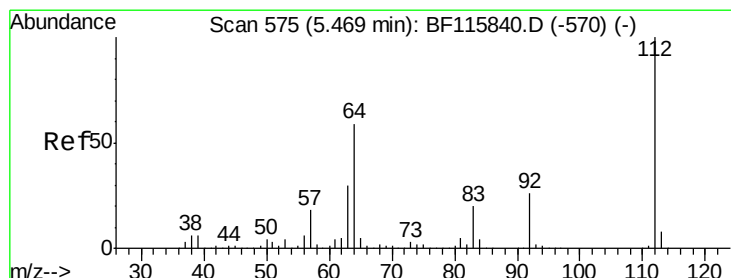
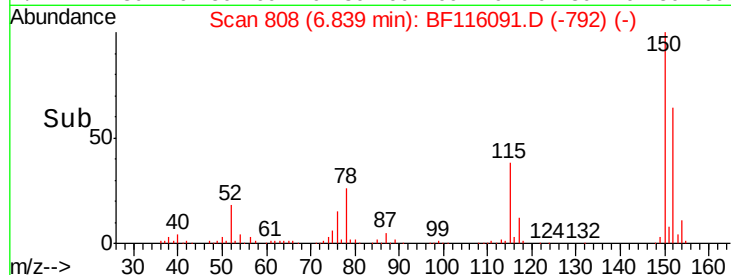
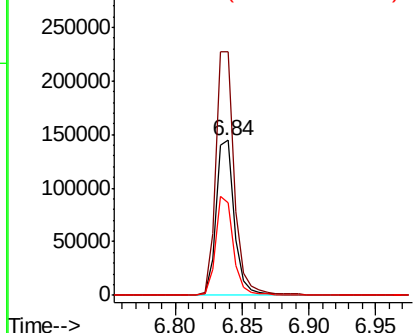


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

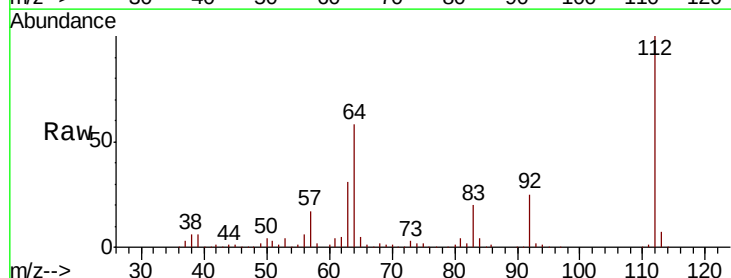
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.258 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.4	68.2
63	30.8	23.7	35.5

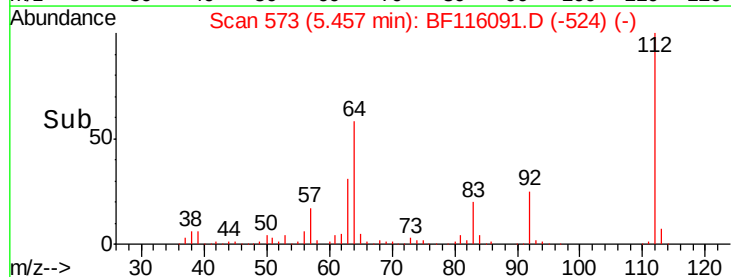
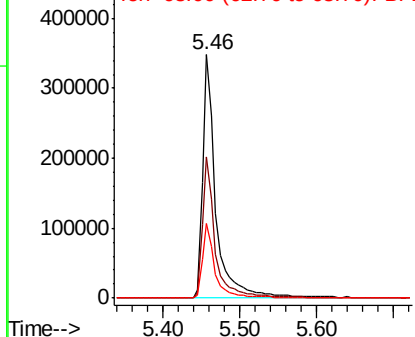


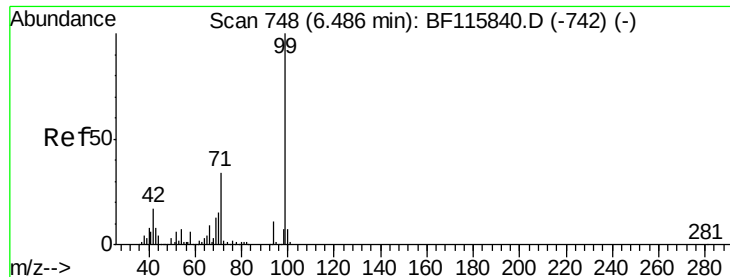
Abundance

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: 53.945 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116091.D

Acq: 9 Aug 2019 2:04

Instrument :

BNA_F

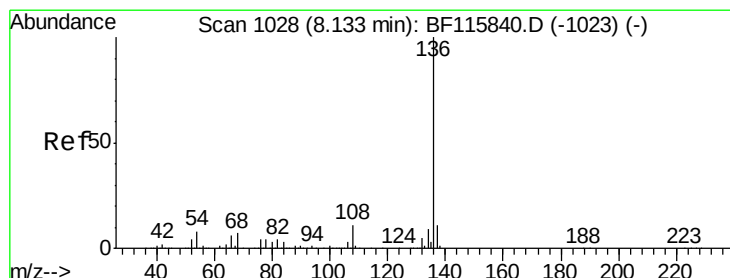
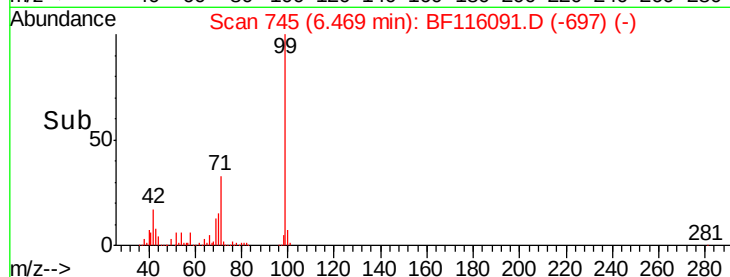
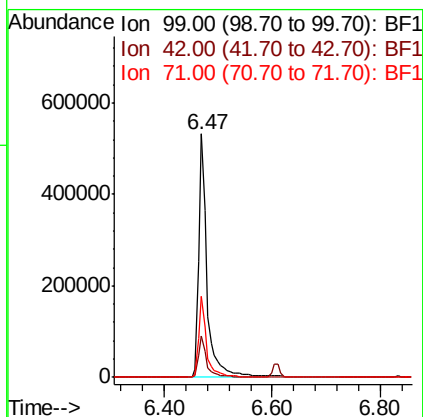
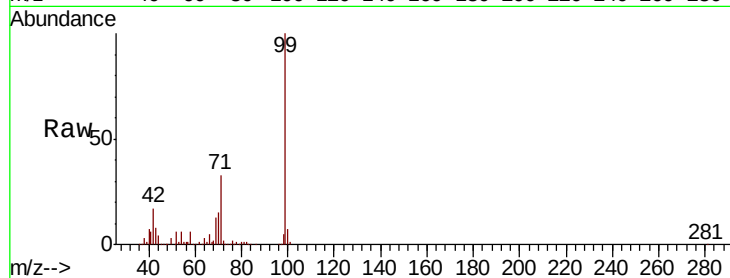
ClientSampleId :

PS-8

Tot Ion:	99	Resp:	575402
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	33.1	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

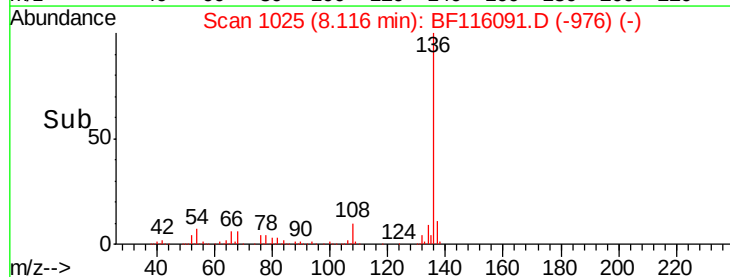
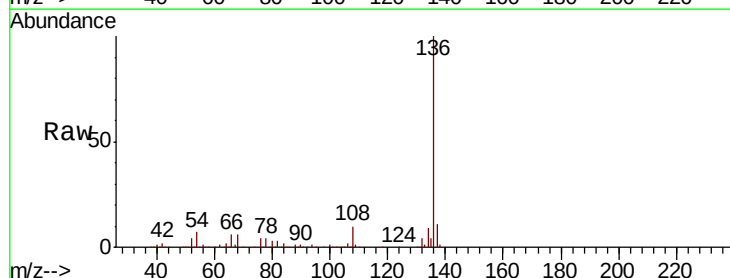
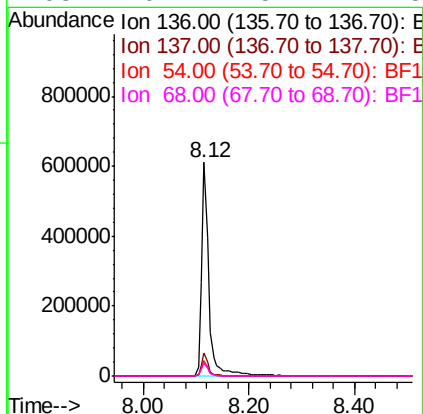
RT: 8.12 min Scan# 1025

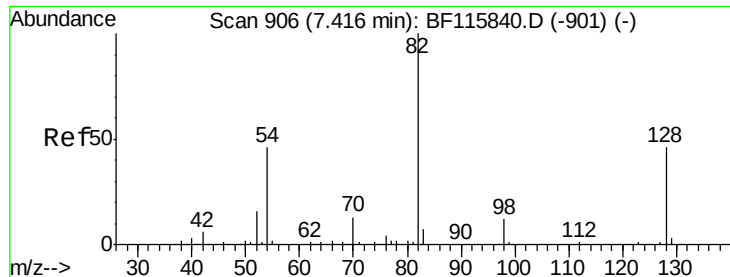
Delta R.T. -0.01 min

Lab File: BF116091.D

Acq: 9 Aug 2019 2:04

Tgt Ion:	136	Resp:	590986
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	5.8	8.6
68	6.2	5.2	7.8





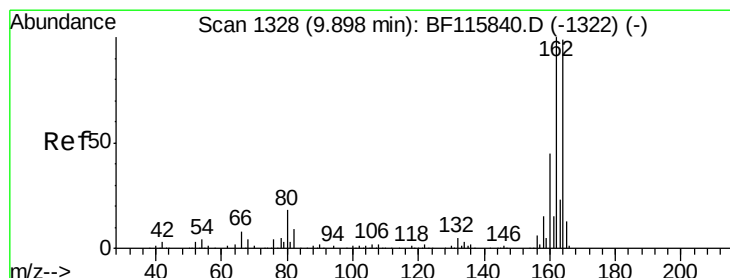
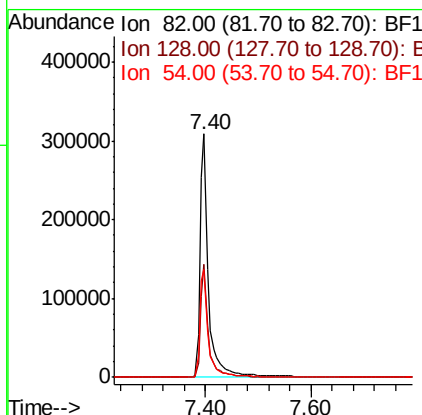
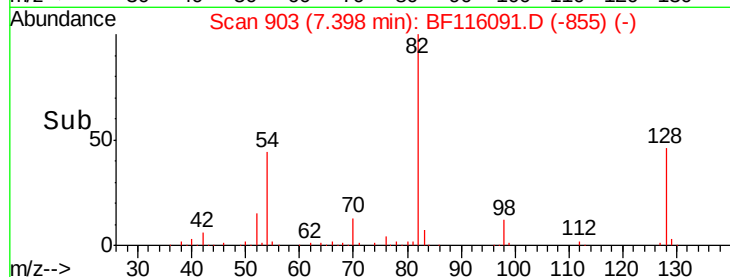
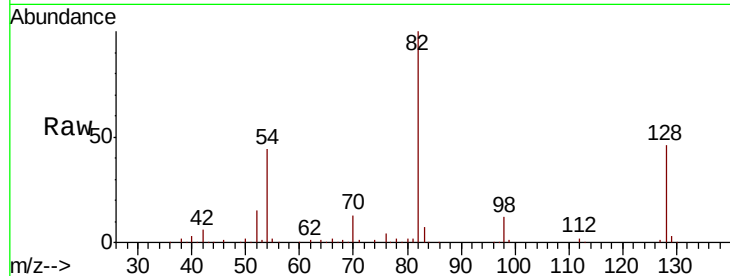
#23
 Nitrobenzene-d5
 Concen: 34.325 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116091.D
 Acq: 9 Aug 2019 2:04

Instrument :
 BNA_F
 ClientSampled :
 PS-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	44.4	36.0	54.0

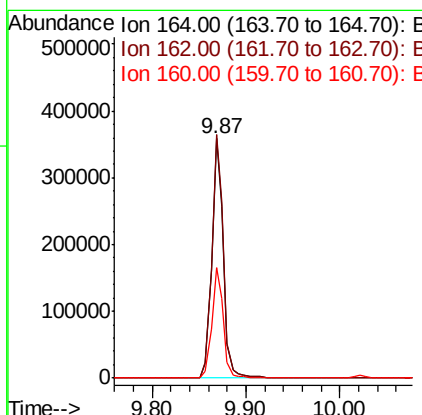
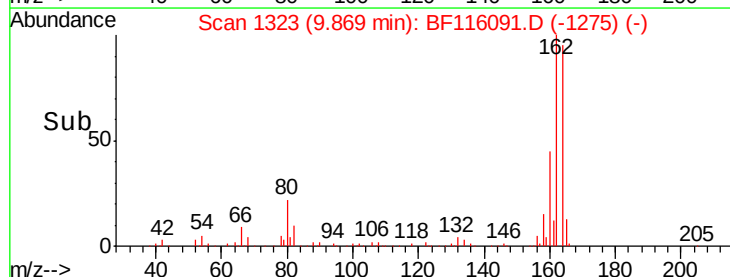
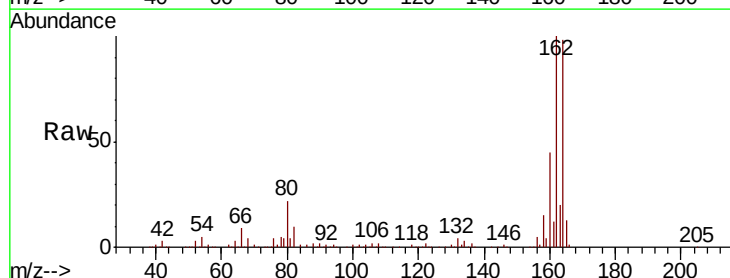
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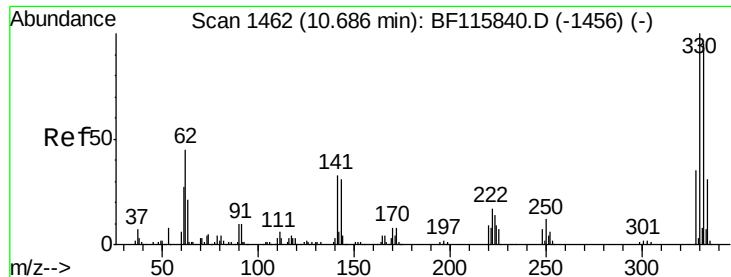
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116091.D
 Acq: 9 Aug 2019 2:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.0	37.6	56.4





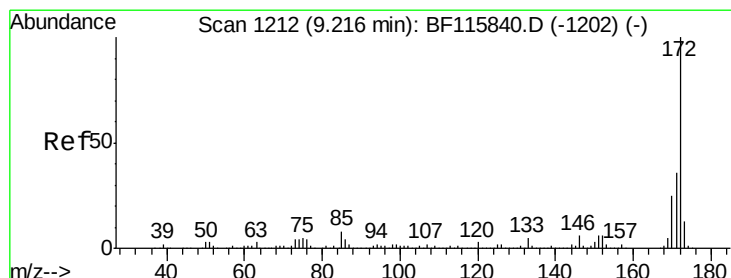
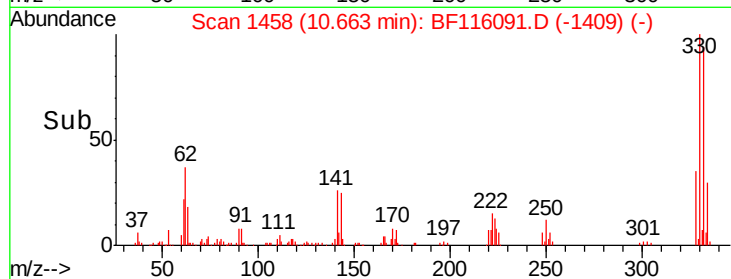
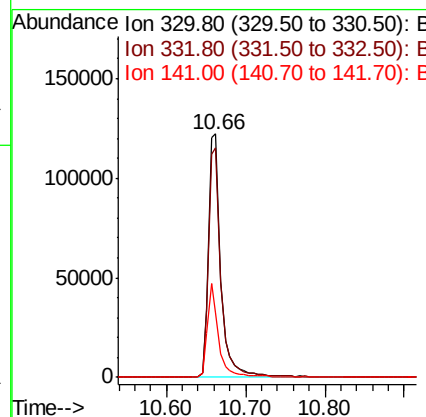
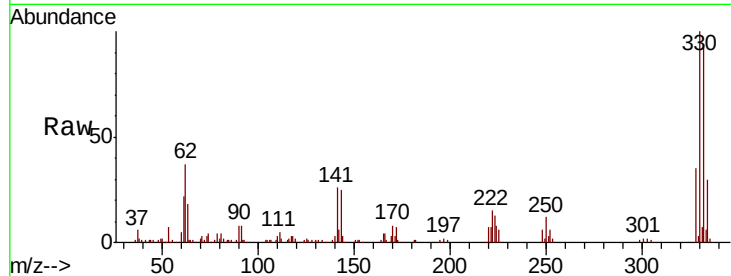
#42
 2,4,6-Tribromophenol
 Concen: 44.881 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116091.D
 Acq: 9 Aug 2019 2:04

Instrument :
 BNA_F
 ClientSampled :
 PS-8

Tot Ion	Ratio	Resp	Lower	Upper
330	100	136536		
332	95.1	76.8	115.2	
141	34.5	26.3	39.5	

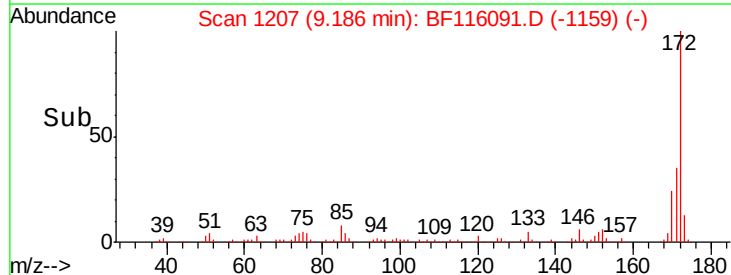
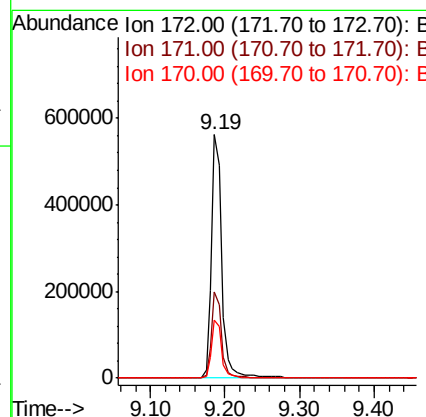
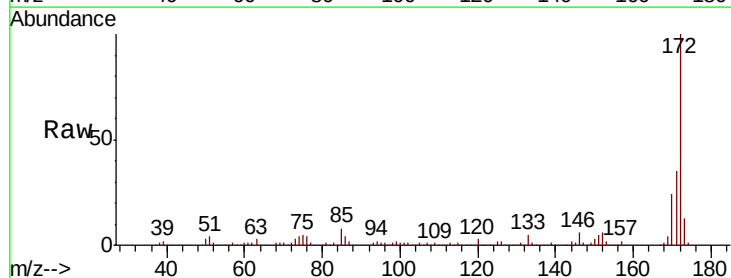
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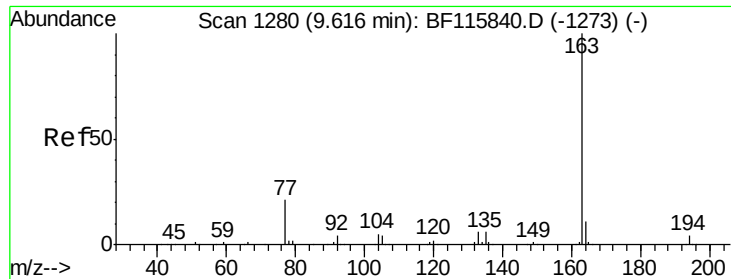
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#45
 2-Fluorobiphenyl
 Concen: 32.965 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116091.D
 Acq: 9 Aug 2019 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	552229		
171	35.2	29.6	44.4	
170	24.0	20.1	30.1	





#50

Dimethylphthalate

Concen: 7.292 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116091.D

Acq: 9 Aug 2019 2:04

Instrument :

BNA_F

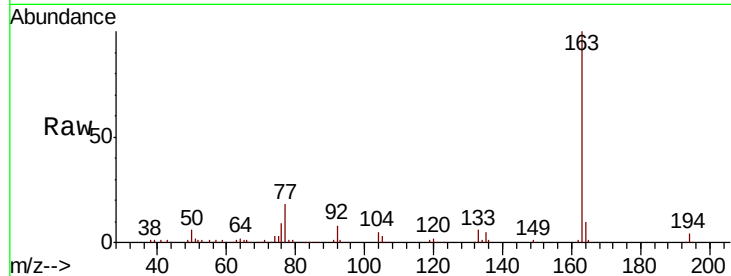
ClientSampleId :

PS-8

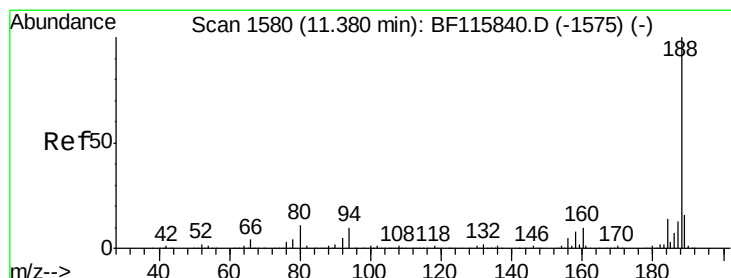
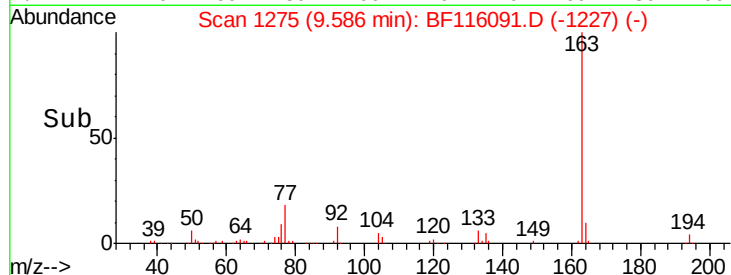
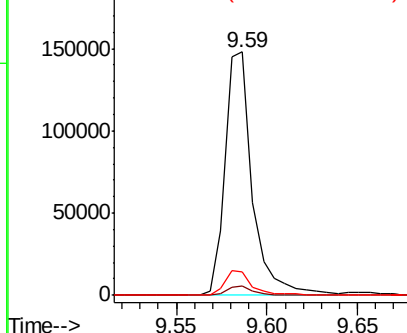
Tot Ion:	163	Resp:	155790
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	9.8	8.4	12.6

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

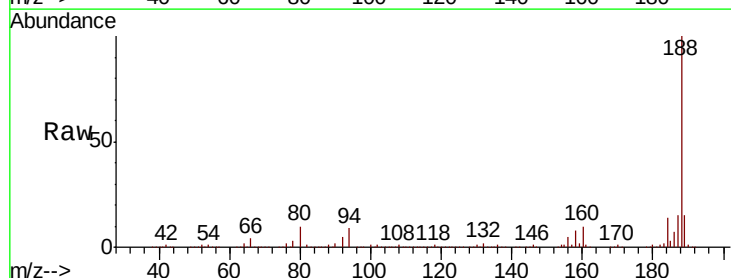
RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

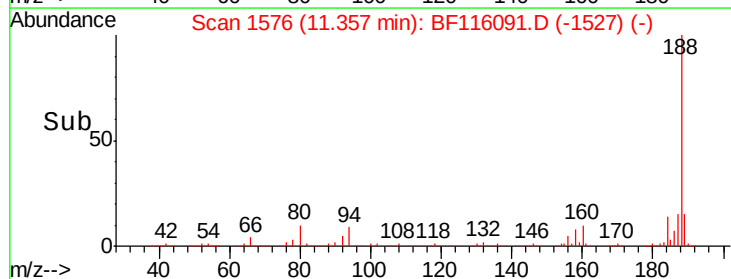
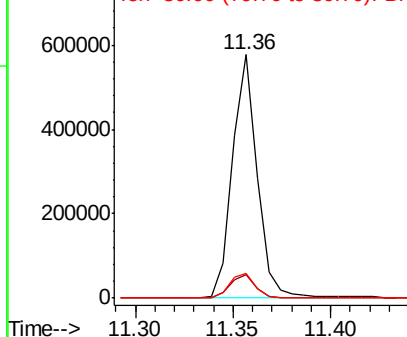
Lab File: BF116091.D

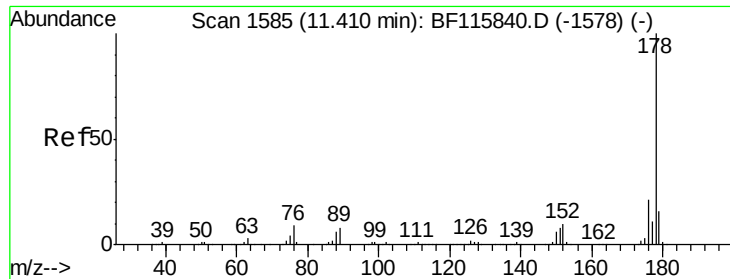
Acq: 9 Aug 2019 2:04

Tgt Ion:	188	Resp:	509740
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.1	12.1
80	10.3	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





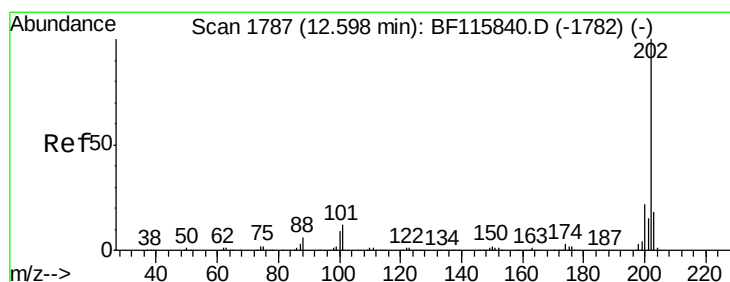
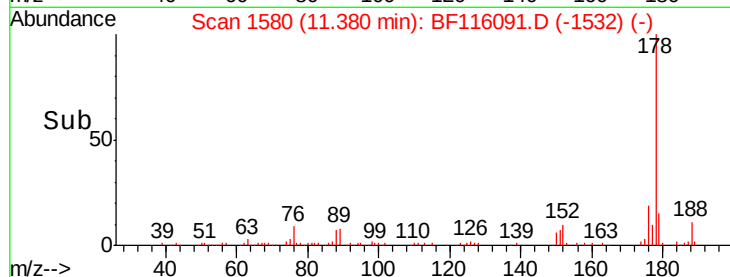
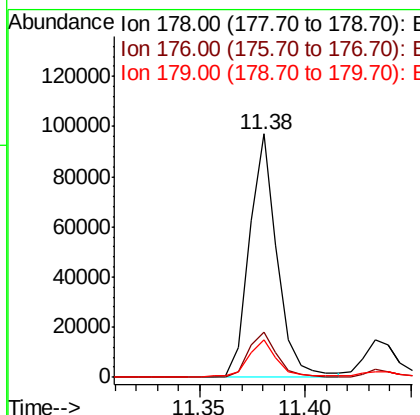
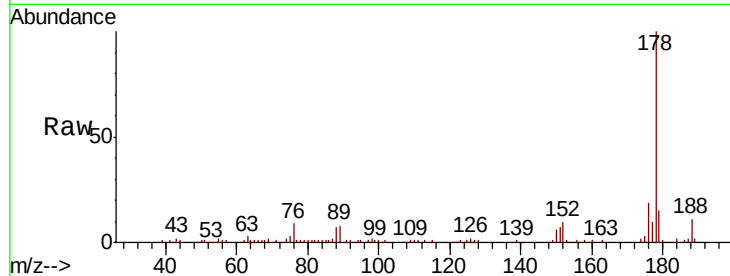
#71
Phenanthrene
Concen: 3.394 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :
PS-8

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	24.8
179	15.2	12.5	18.7

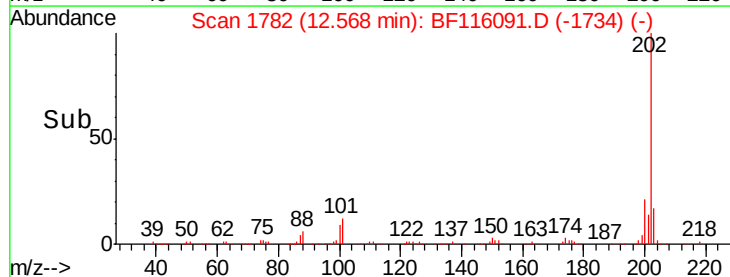
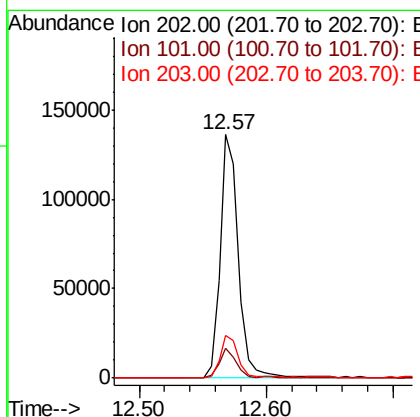
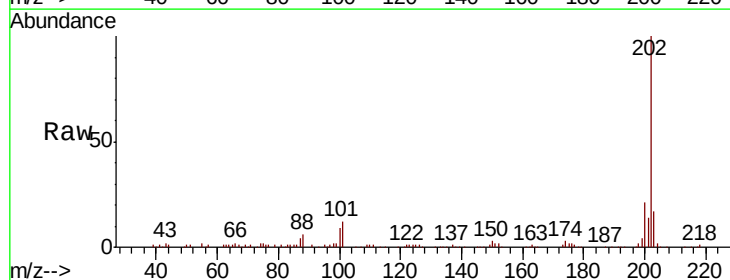
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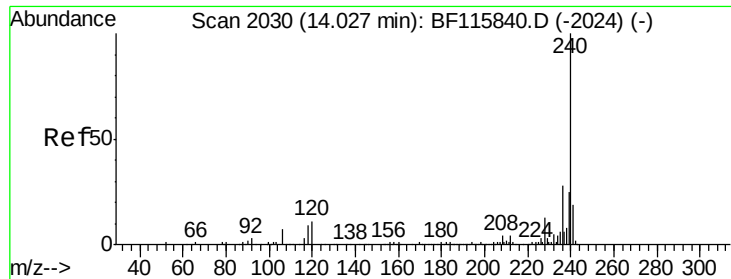
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#75
Fluoranthene
Concen: 5.004 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.2
203	17.4	0.0	37.8





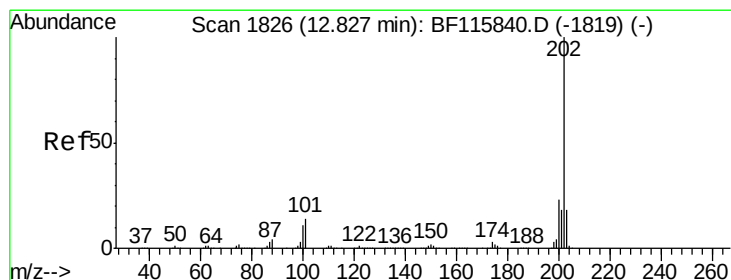
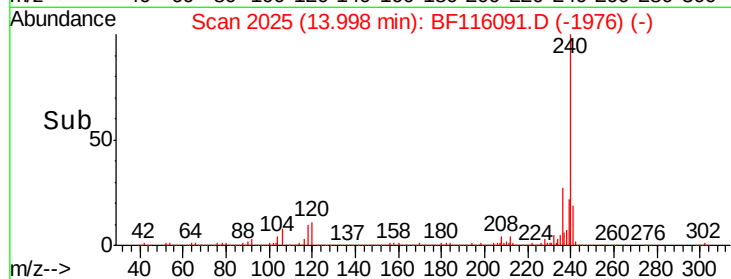
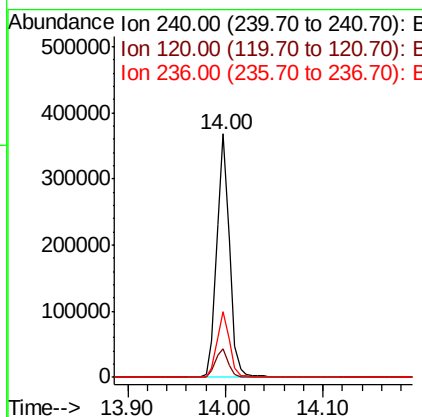
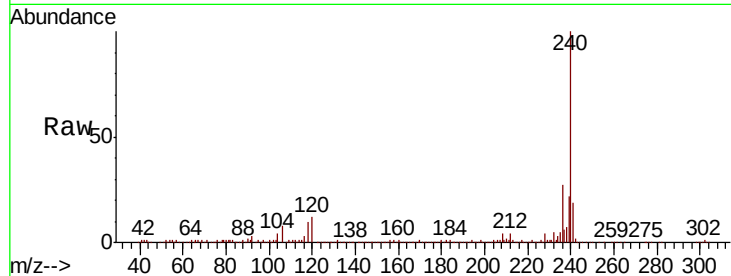
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampled :
PS-8

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.7	16.1
236	27.0	22.2	33.2

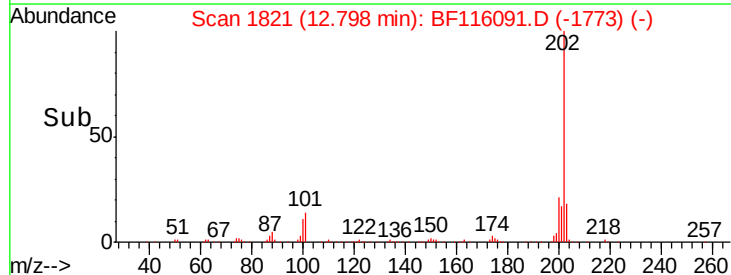
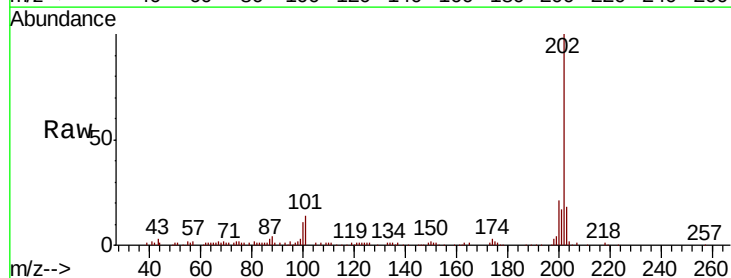
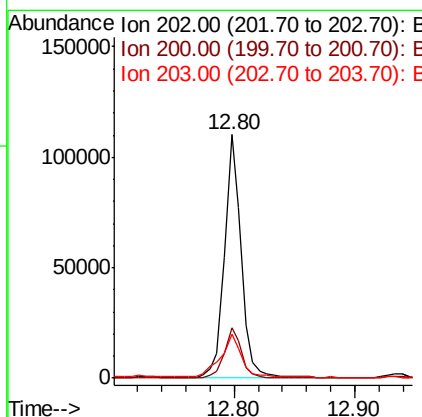
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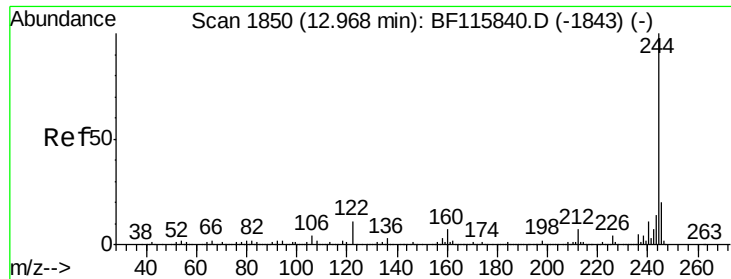
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#78
Pyrene
Concen: 4.222 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	17.9	14.1	21.1





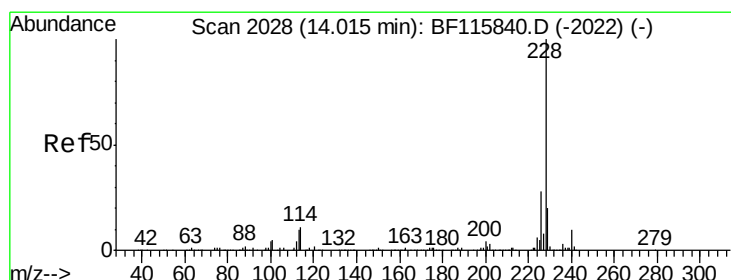
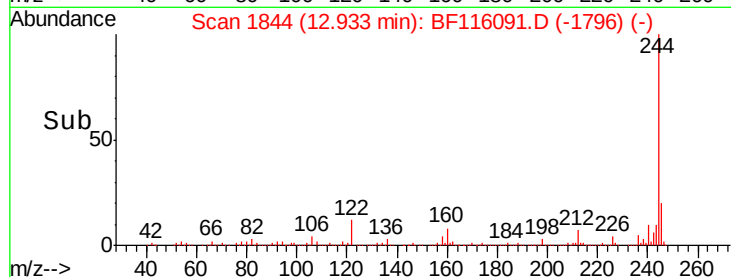
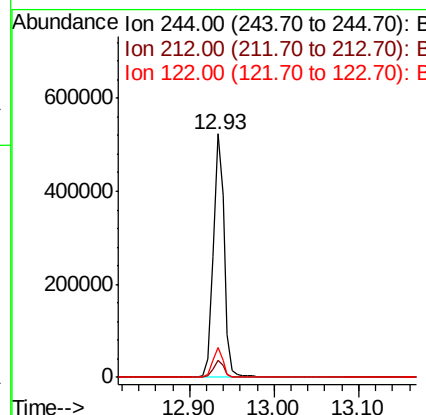
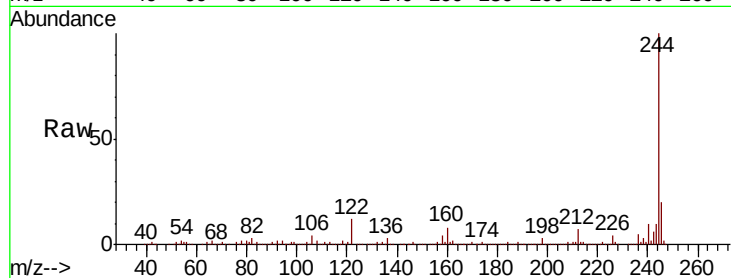
#79
 Terphenyl-d14
 Concen: 29.994 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116091.D
 Acq: 9 Aug 2019 2:04

Instrument :
 BNA_F
 ClientSampleId :
 PS-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	9.0	13.4

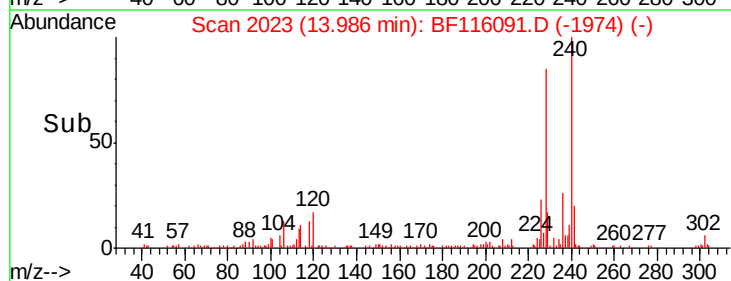
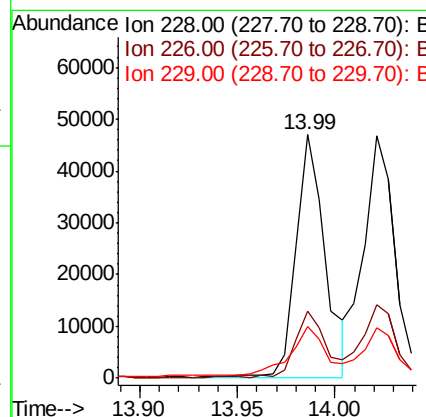
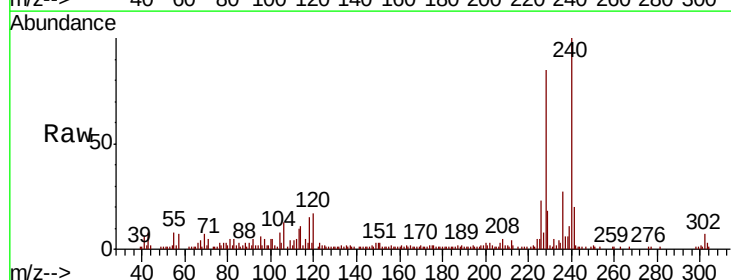
Manual Integrations
 APPROVED

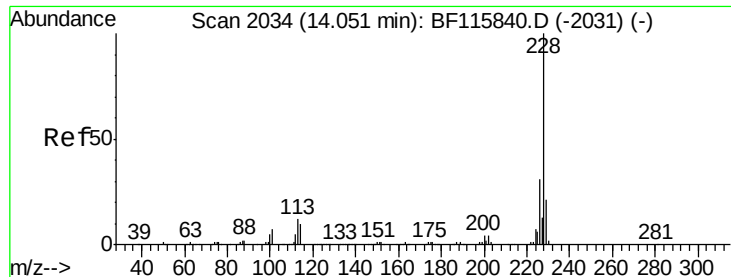
mohammad
 8/14/2019 9:21:39 AM



#81
 Benzo(a)anthracene
 Concen: 2.303 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116091.D
 Acq: 9 Aug 2019 2:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	21.2	16.2	24.4





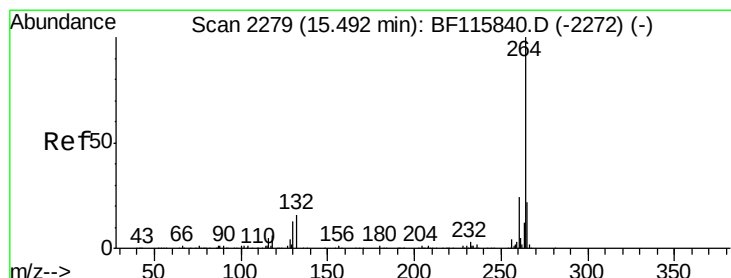
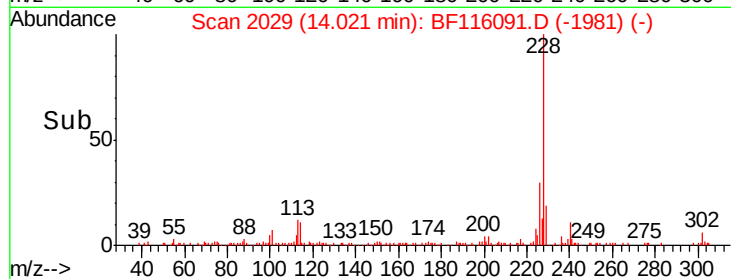
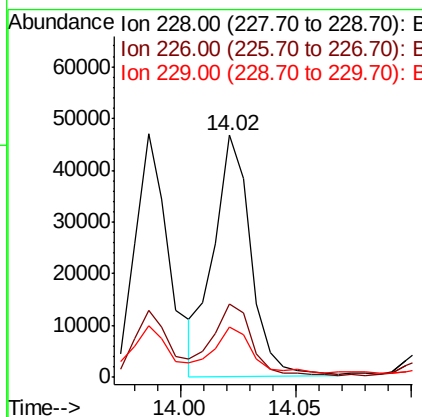
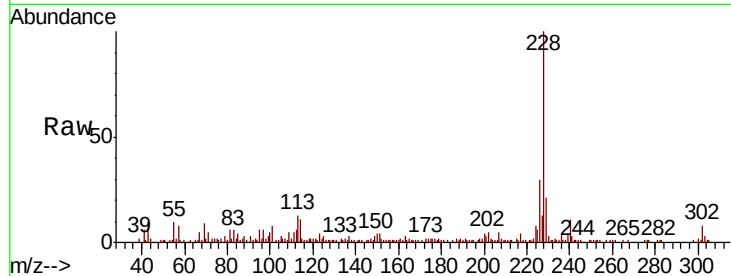
#83
Chrysene
Concen: 2.512 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Instrument :
BNA_F
ClientSampleId :
PS-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.5	38.3
229	20.9	16.6	24.8

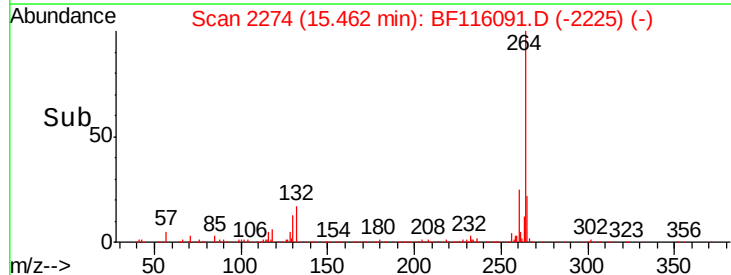
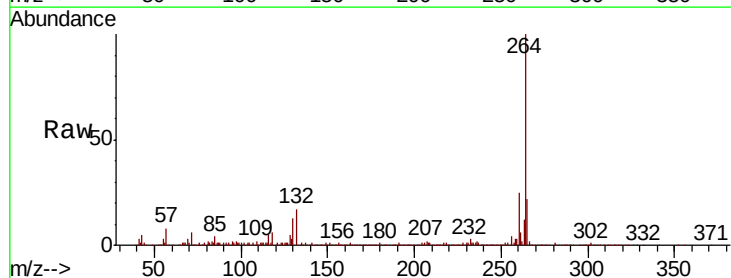
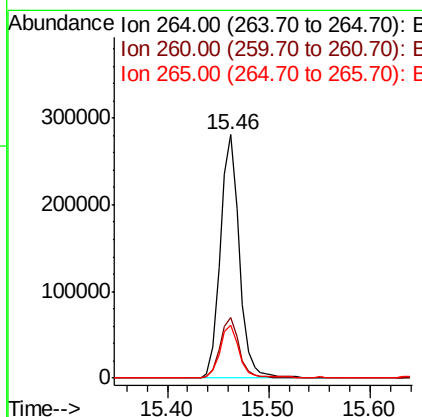
Manual Integrations
APPROVED

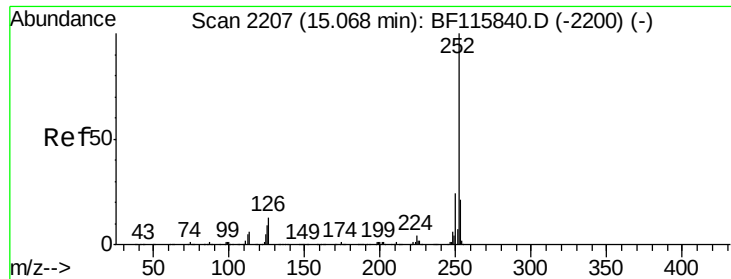
mohammad
8/14/2019 9:21:39 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116091.D
Acq: 9 Aug 2019 2:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.8	17.4	26.0





#88
 Benzo(b)fluoranthene
 Concen: 3.012 ng m
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF116091.D
 Acq: 9 Aug 2019 2:04

Instrument :
 BNA_F
 ClientSampleId :
 PS-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	14.6	8.4	12.6#

Manual Integrations
 APPROVED

mohammad
 8/14/2019 9:21:39 AM

