

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116097.D
 Acq On : 9 Aug 2019 4:44
 Operator : HP/JU
 Sample : K4154-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-5

Manual Integrations
 APPROVED

mohammad
 8/14/2019 9:21:59 AM

Quant Time: Aug 09 17:15:10 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	134402	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	539275	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	267206	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	389660	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	295404	20.00	ng	-0.01
87) Perylene-d12	15.46	264	278887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	651674	81.17	ng	0.00
7) Phenol-d6	6.47	99	856518	84.56	ng	-0.01
23) Nitrobenzene-d5	7.40	82	490083	52.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	157268	60.71	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	723195	50.69	ng	-0.01
79) Terphenyl-d14	12.94	244	539115	38.46	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	227544	12.507	ng	98
75) Fluoranthene	12.57	202	68503	3.285	ng	100
78) Pyrene	12.80	202	86638	3.891	ng	98
81) Benzo(a)anthracene	13.99	228	40263	2.132	ng	97
83) Chrysene	14.03	228	44703	2.439	ng	99
88) Benzo(b)fluoranthene	15.04	252	38055m	2.360	ng	

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

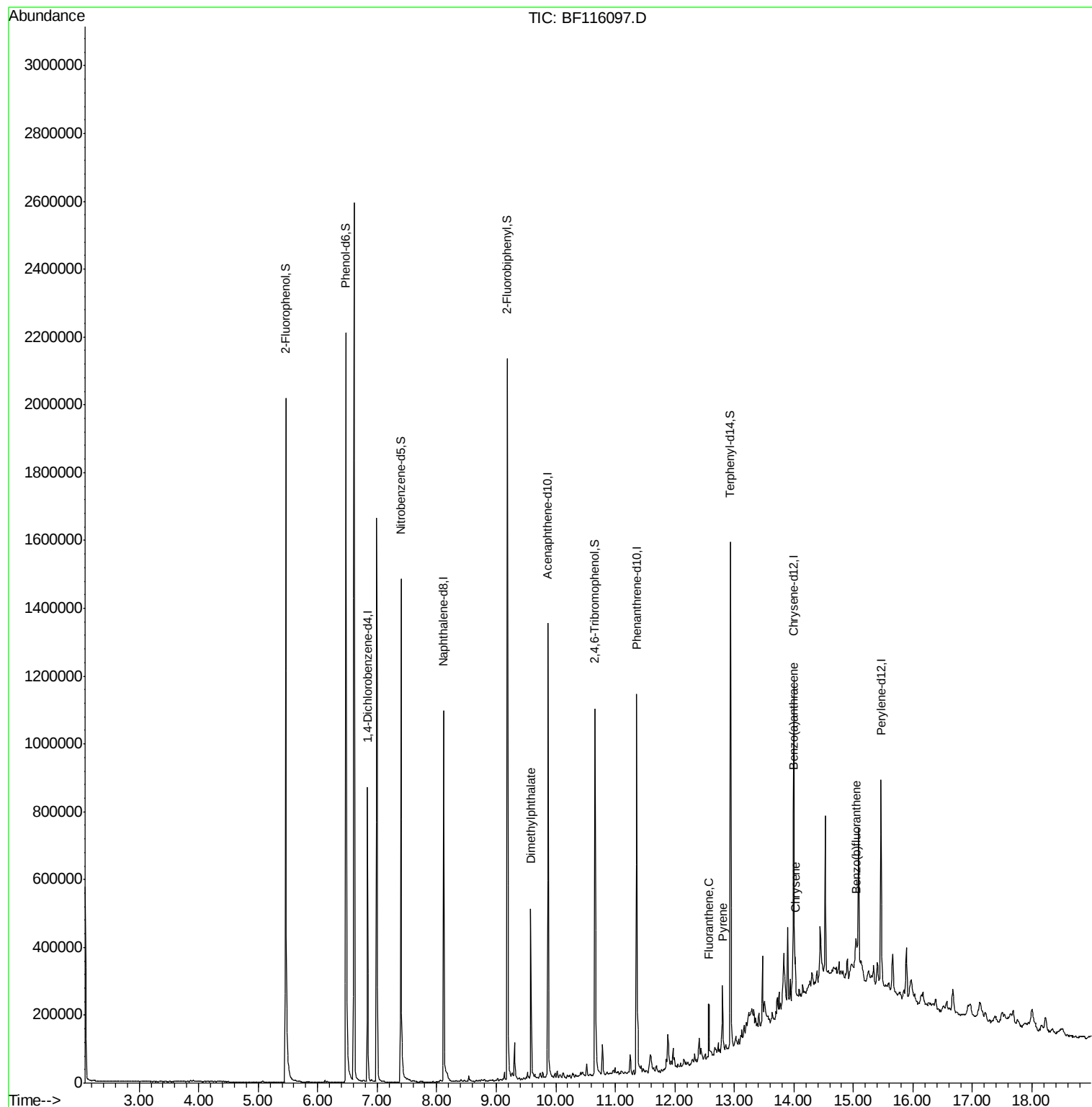
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116097.D
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#1

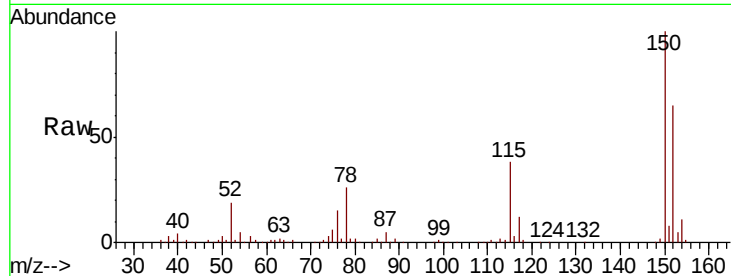
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Instrument :
BNA_F
ClientSampleId :
PS-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	58.8	49.9	74.9

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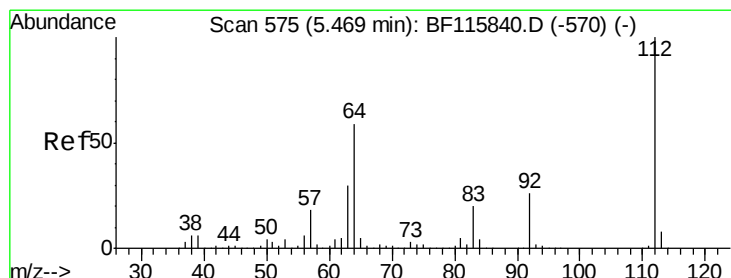
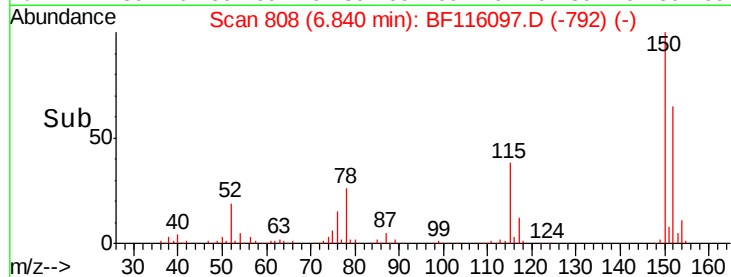
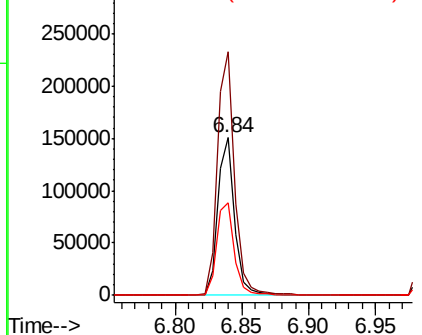


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

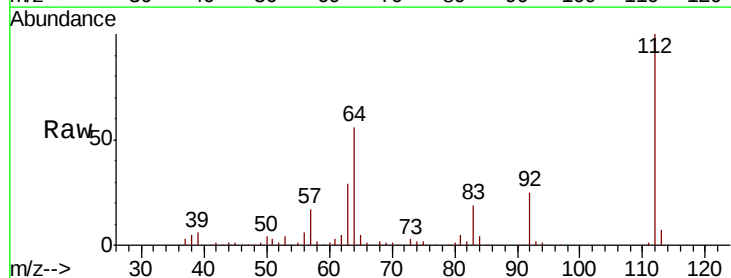
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.170 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.4	68.2
63	29.4	23.7	35.5

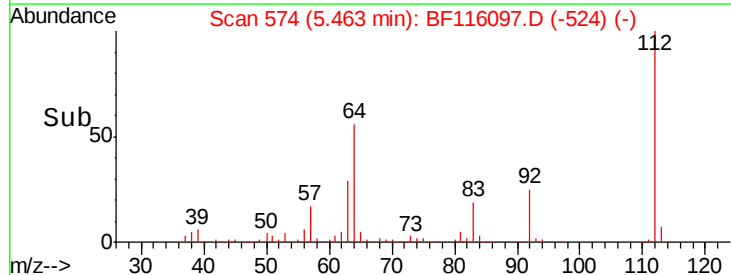
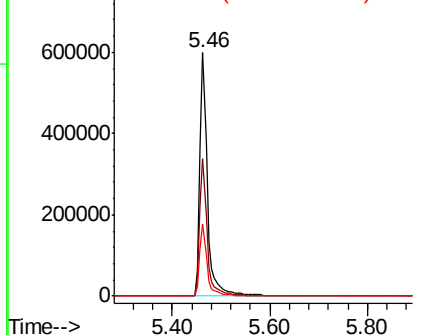


Abundance

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: 84.558 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116097.D

Acq: 9 Aug 2019 4:44

Instrument :

BNA_F

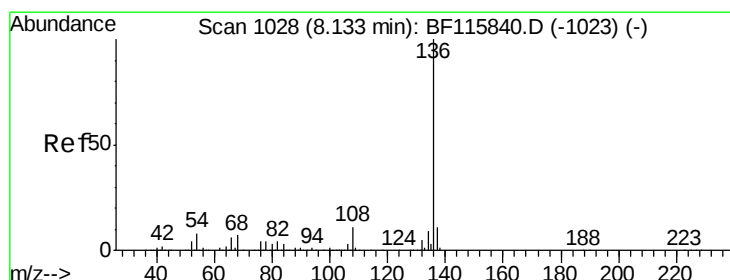
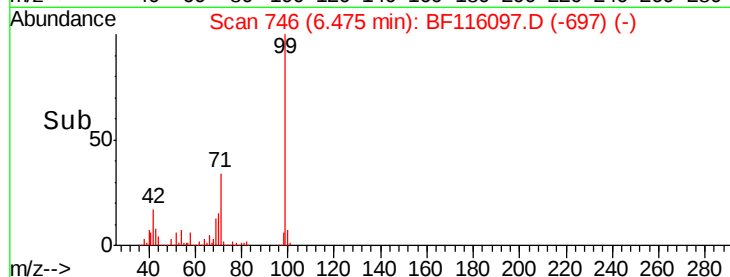
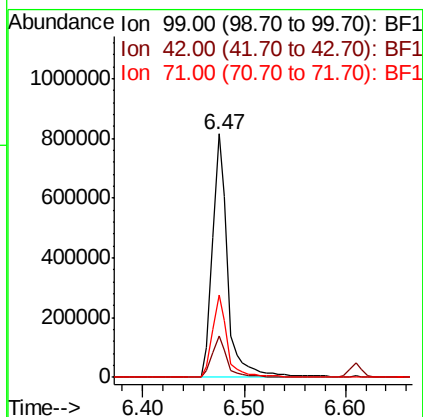
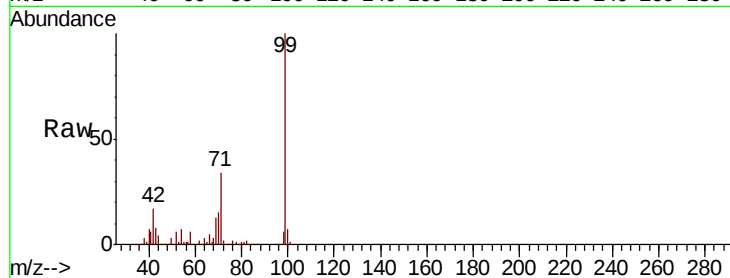
ClientSampled :

PS-5

Tot Ion:	99	Resp:	856518
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.8
71	33.9	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

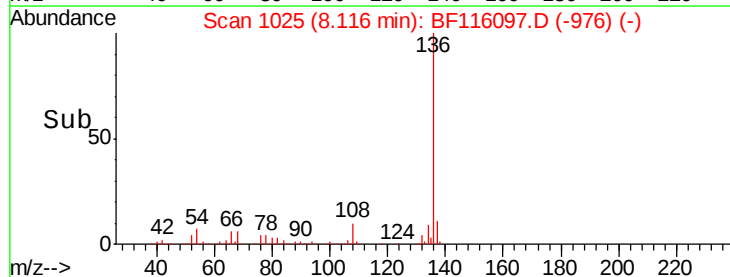
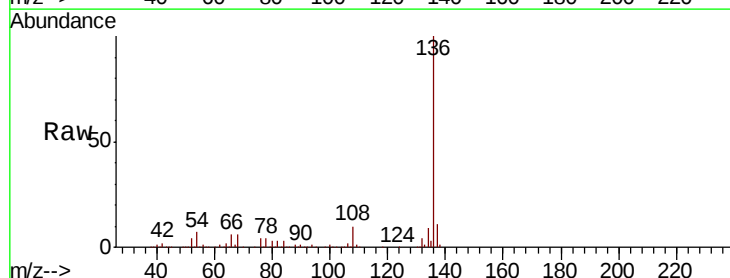
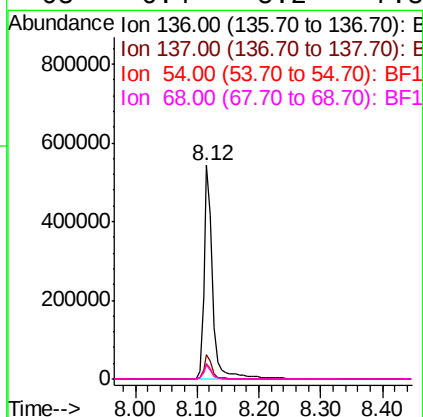
RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116097.D

Acq: 9 Aug 2019 4:44

Tgt Ion:	136	Resp:	539275
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	7.3	5.8	8.6
68	6.4	5.2	7.8





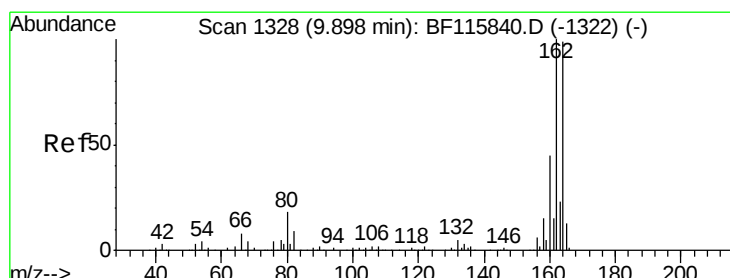
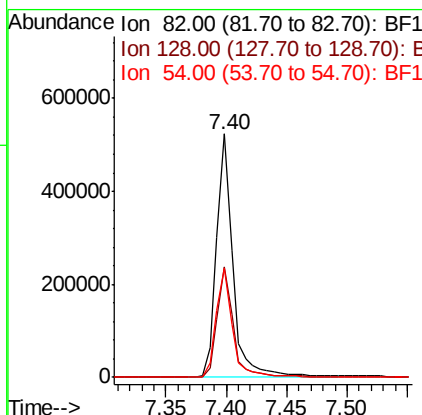
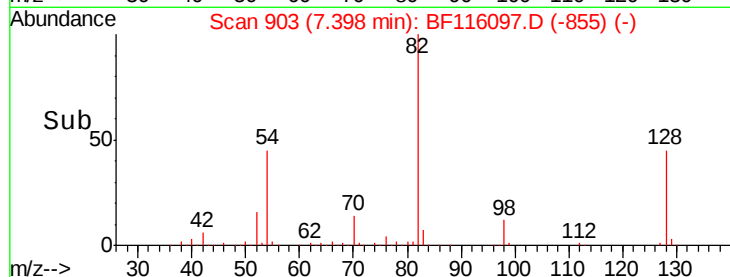
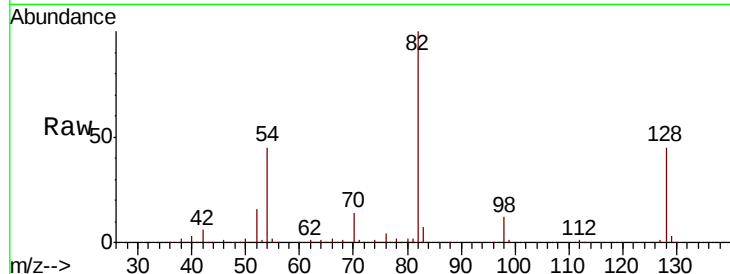
#23
Nitrobenzene-d5
Concen: 52.458 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Instrument :
BNA_F
ClientSampleId :
PS-5

Tot Ion	Ratio	Resp	Lower	Upper
82	100	490083		
128	45.3	36.5	54.7	
54	45.1	36.0	54.0	

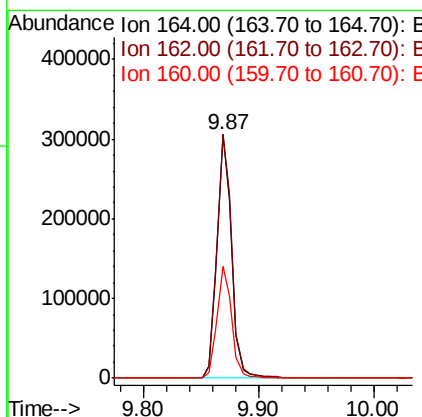
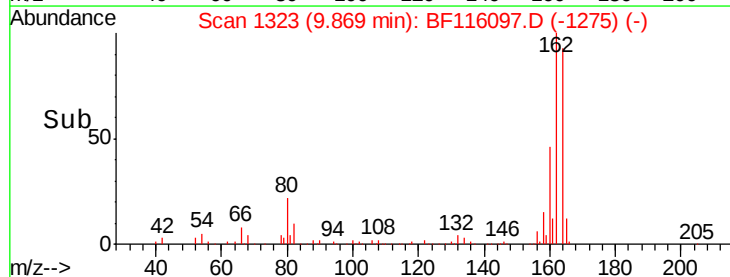
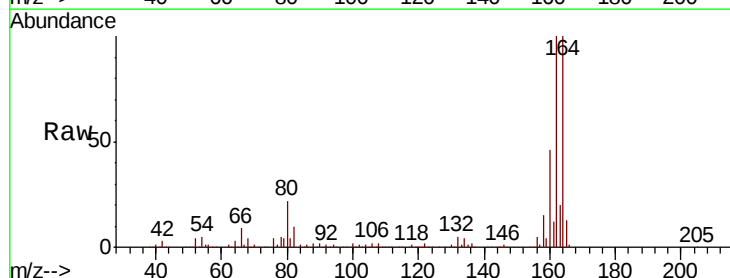
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	267206		
162	99.9	82.6	124.0	
160	45.7	37.6	56.4	





#42

2,4,6-Tribromophenol

Concen: 60.706 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116097.D

Acq: 9 Aug 2019 4:44

Instrument :

BNA_F

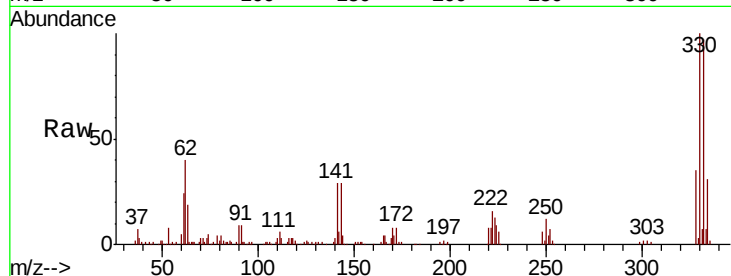
ClientSampleId :

PS-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	157268		
332	97.0	76.8	115.2	
141	35.5	26.3	39.5	

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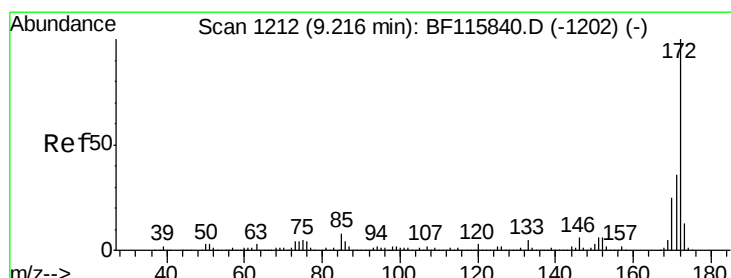
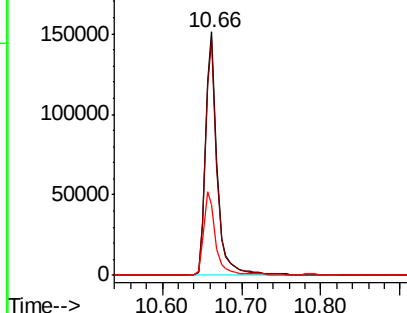
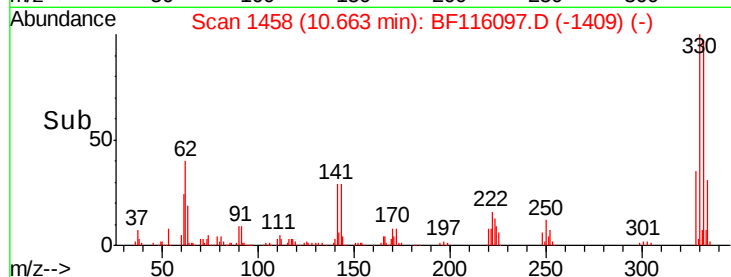


Abundance

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: 50.695 ng

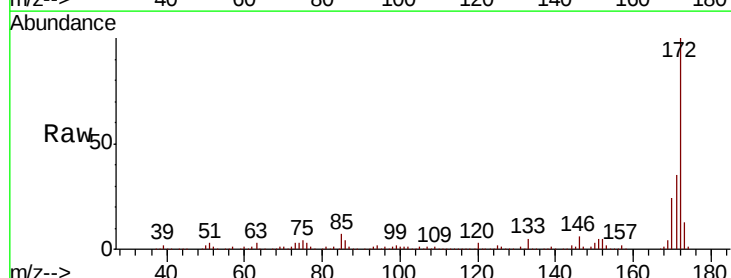
RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116097.D

Acq: 9 Aug 2019 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	723195		
171	35.3	29.6	44.4	
170	24.2	20.1	30.1	

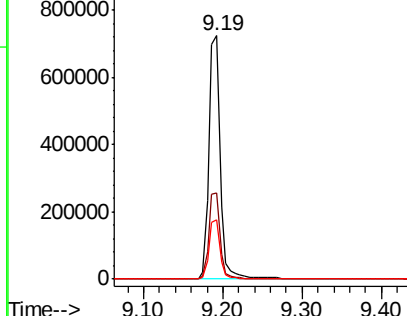
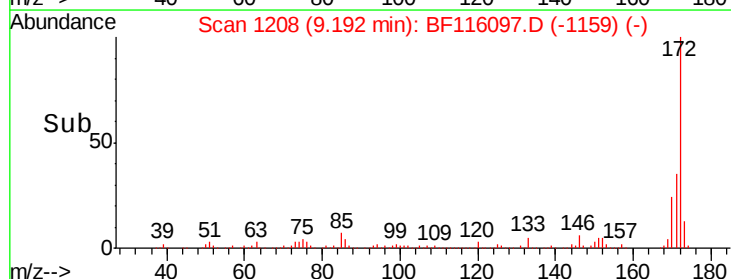


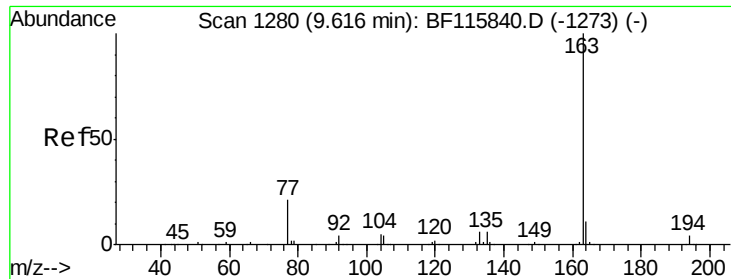
Abundance

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





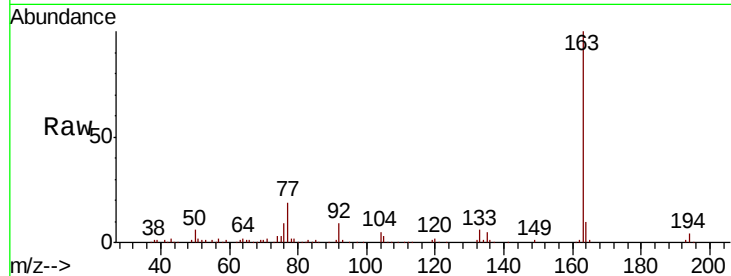
#50
Dimethylphthalate
Concen: 12.507 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Instrument :
BNA_F
ClientSampleId :
PS-5

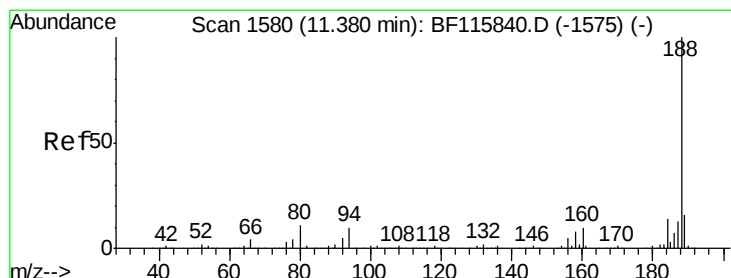
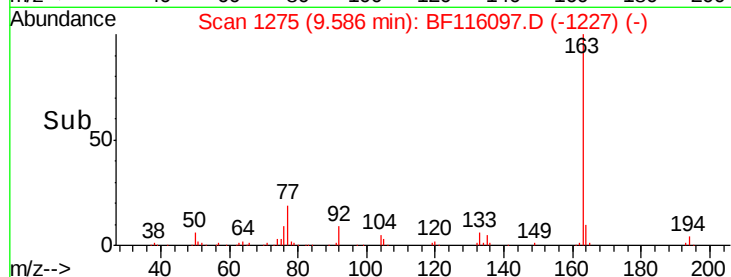
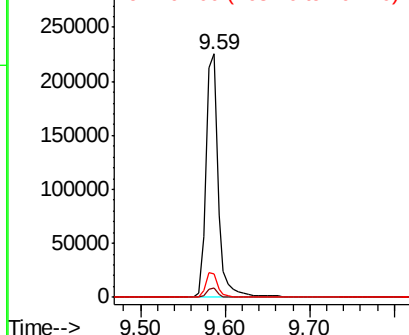
Tot Ion	Ratio	Resp	Lower	Upper
163	100	227544		
194	4.0	3.0	4.6	
164	9.8	8.4	12.6	

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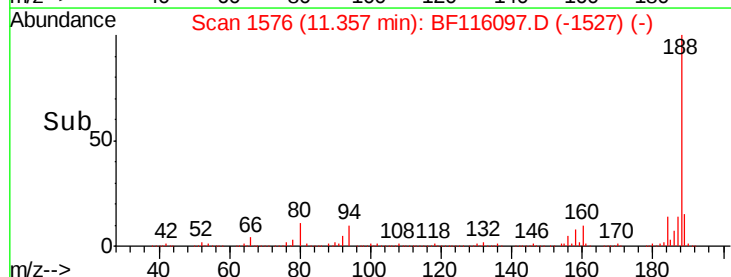
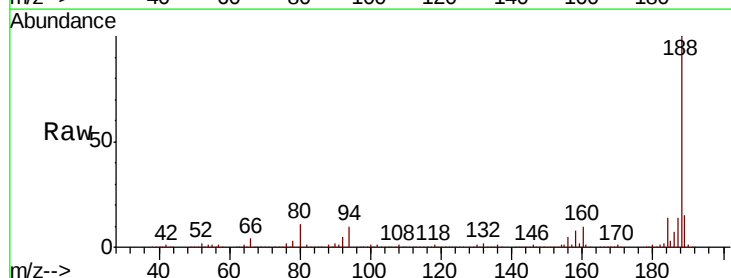
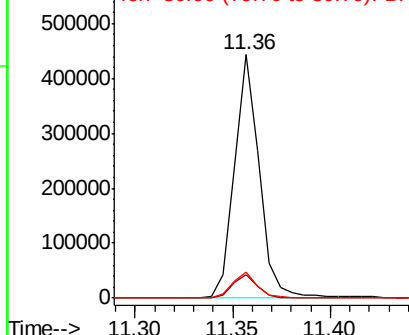
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

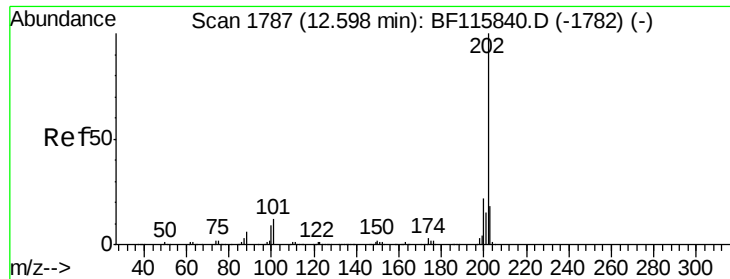


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	389660		
94	9.8	8.1	12.1	
80	10.7	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





#75

Fluoranthene

Concen: 3.285 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116097.D

Acq: 9 Aug 2019 4:44

Instrument :

BNA_F

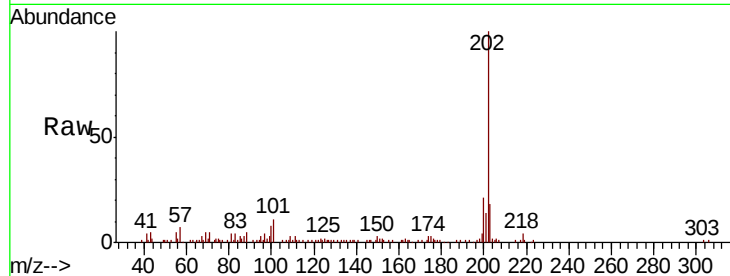
ClientSampleId :

PS-5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		68503		
101	11.0	0.0	31.2		
203	17.9	0.0	37.8		

Manual Integrations
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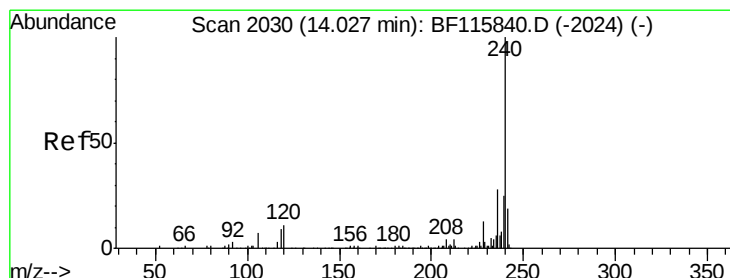
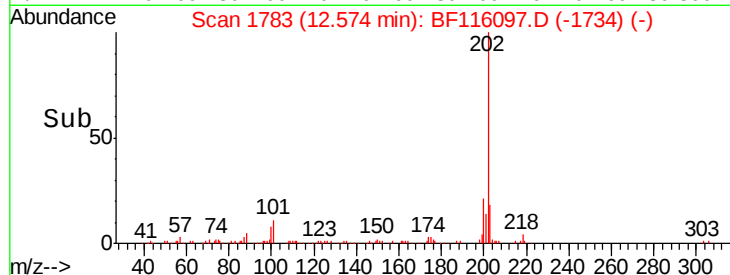
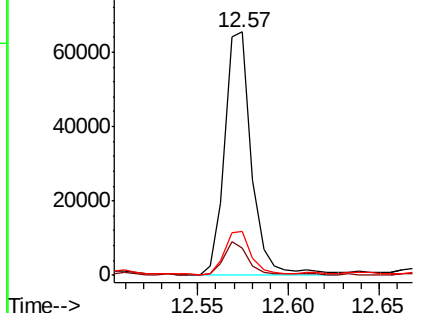


Abundance

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

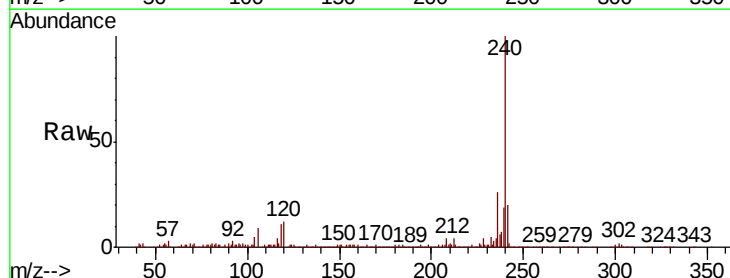
RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116097.D

Acq: 9 Aug 2019 4:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		295404		
120	12.5	10.7	16.1		
236	26.1	22.2	33.2		

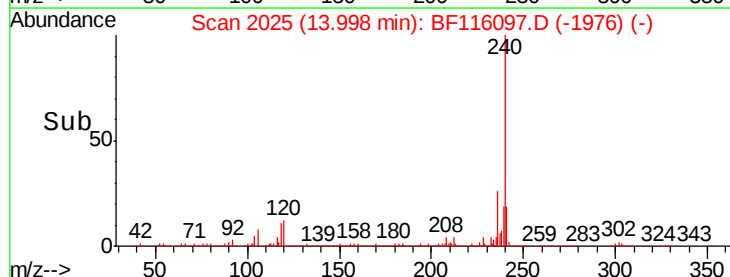
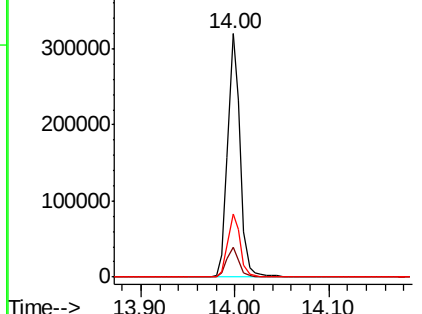


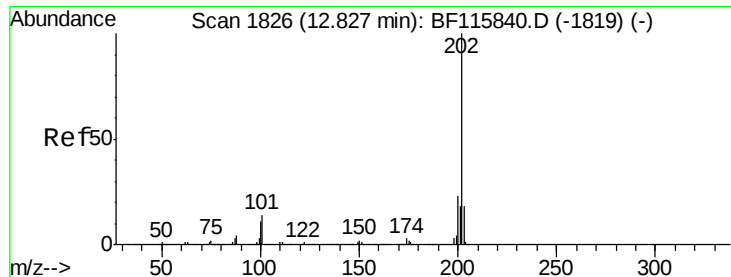
Abundance

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





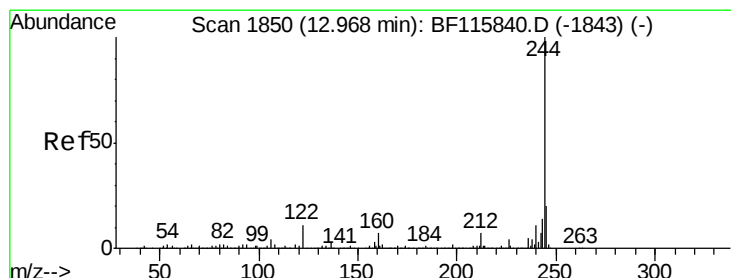
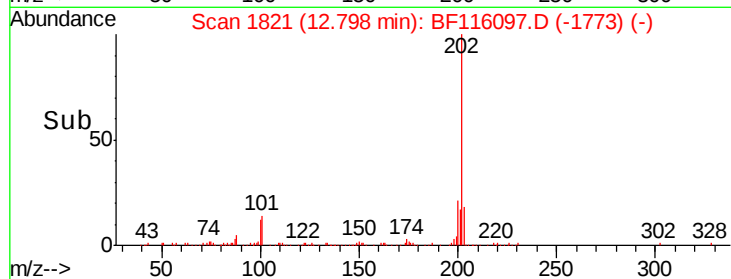
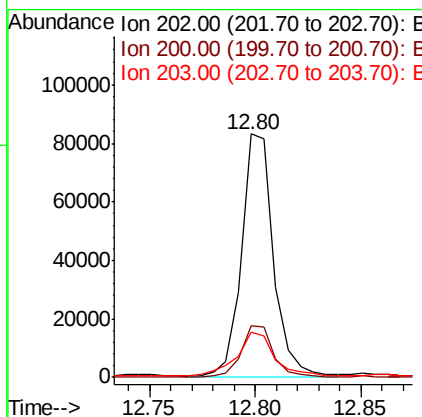
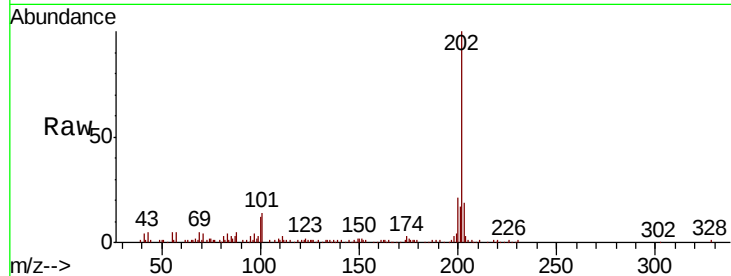
#78
Pvrene
Concen: 3.891 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Instrument :
BNA_F
ClientSampled :
PS-5

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	18.0	27.0	
203	18.6	14.1	21.1	

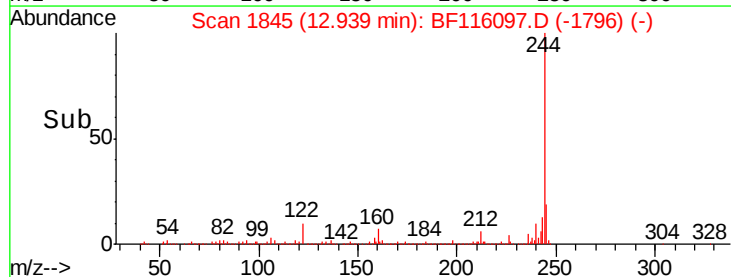
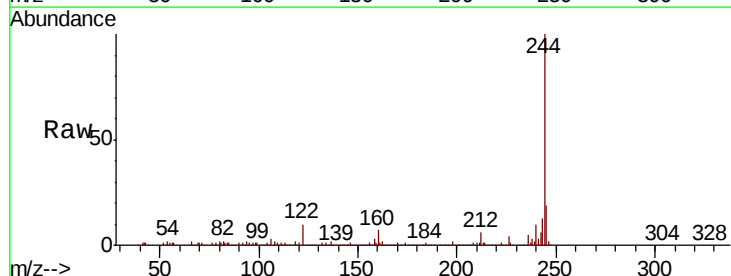
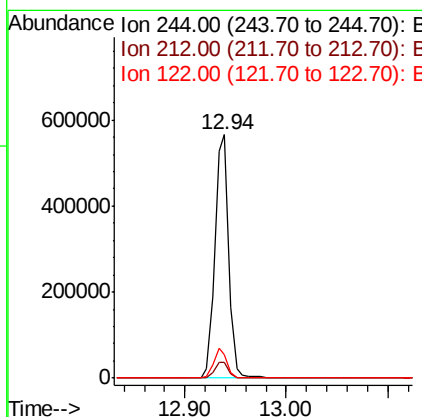
Manual Integrations
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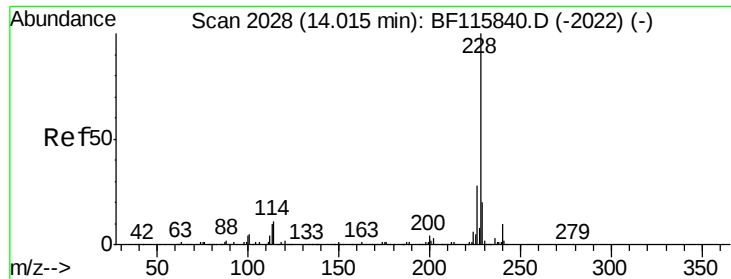
mohammad
8/14/2019 9:21:59 AM



#79
Terphenyl-d14
Concen: 38.456 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.4	5.8	8.8	
122	9.9	9.0	13.4	





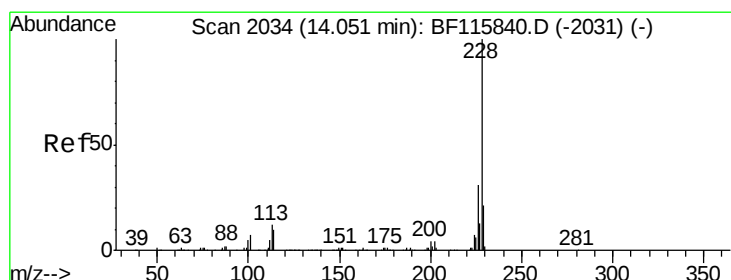
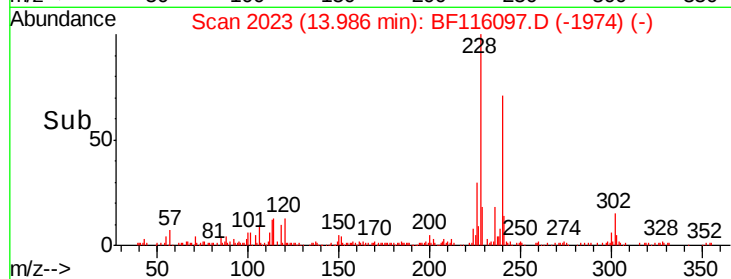
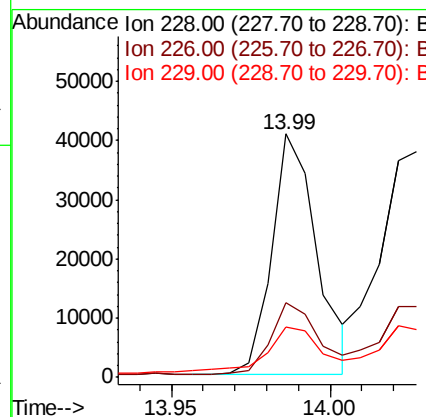
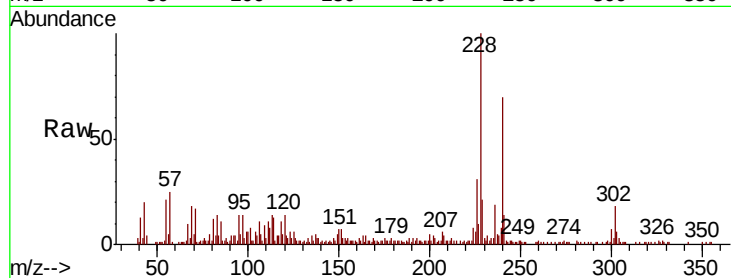
#81
Benzo(a)anthracene
Concen: 2.132 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Instrument :
BNA_F
ClientSampleId :
PS-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.7	34.1
229	20.7	16.2	24.4

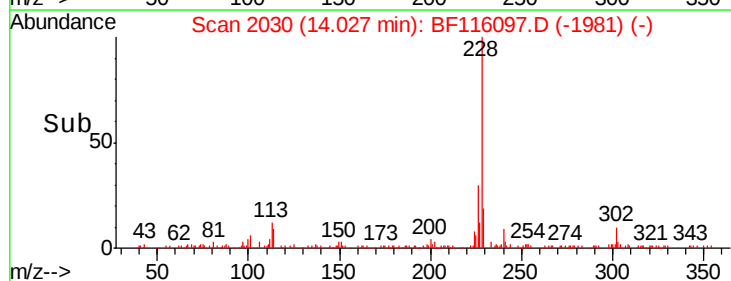
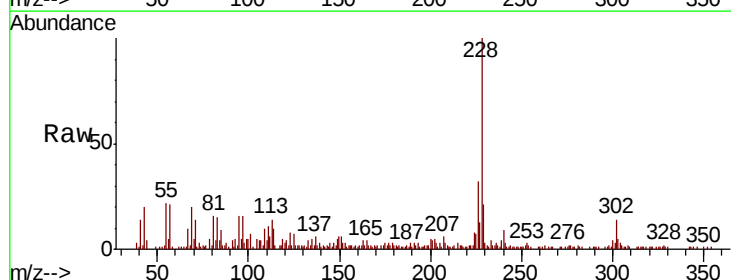
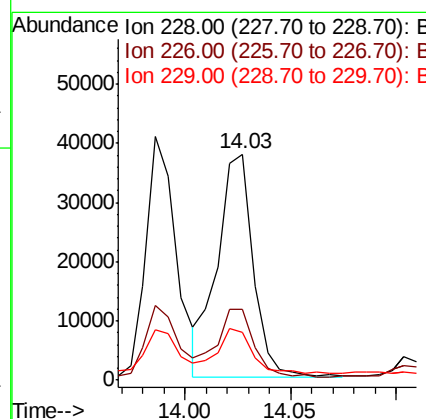
Manual Integrations
APPROVED

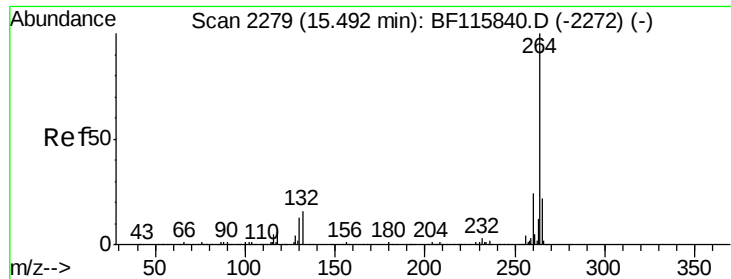
mohammad
8/14/2019 9:21:59 AM



#83
Chrysene
Concen: 2.439 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	21.2	16.6	24.8





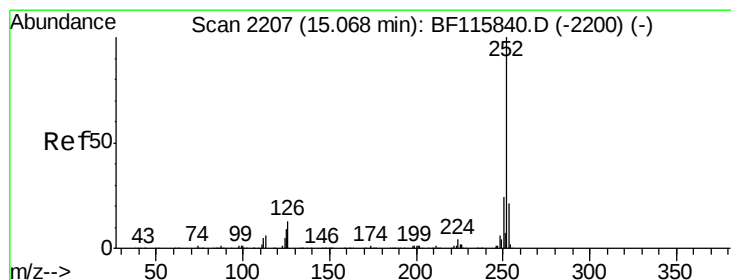
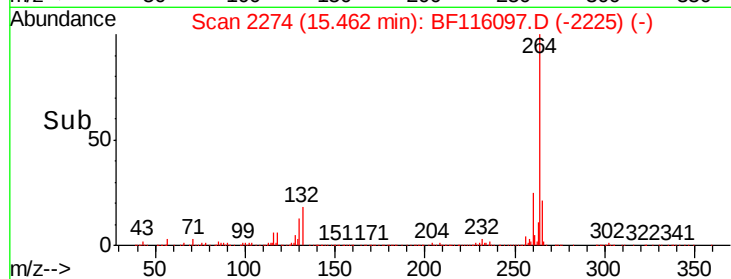
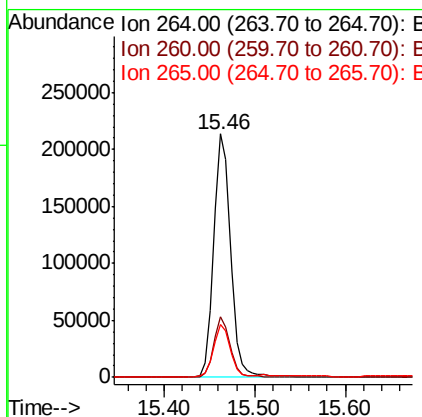
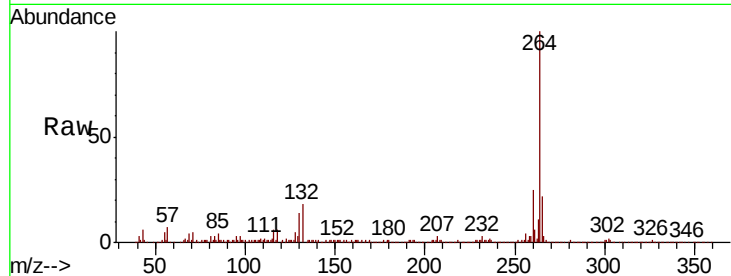
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Instrument :
BNA_F
ClientSampled :
PS-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.6	17.4	26.0

Manual Integrations
APPROVED

mohammad
8/14/2019 9:21:59 AM



#88
Benzo(b)fluoranthene
Concen: 2.360 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116097.D
Acq: 9 Aug 2019 4:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	21.6	8.4	12.6

