

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116840.D
 Acq On : 5 Sep 2019 16:14
 Operator : HP/JU
 Sample : K4683-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190663-LOCATION-1

Manual Integrations
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mohammad
 9/10/2019 9:52:22 AM

Quant Time: Sep 06 04:40:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	86783	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	357003	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	186230	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	297741	20.00	ng	0.00
76) Chrysene-d12	14.00	240	224005	20.00	ng	0.00
87) Perylene-d12	15.46	264	215931	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	580528	108.37	ng	0.00
7) Phenol-d6	6.48	99	794517	112.95	ng	0.00
23) Nitrobenzene-d5	7.40	82	482501	77.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	154925	124.44	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	775252	70.22	ng	-0.01
79) Terphenyl-d14	12.95	244	738118	60.96	ng	0.00
Target Compounds						
10) Phenol	6.49	94	19670	2.525	ng	97
50) Dimethylphthalate	9.59	163	87063	6.772	ng	98
71) Phenanthrene	11.39	178	57044	3.442	ng	97
75) Fluoranthene	12.57	202	49490	3.038	ng	98
78) Pyrene	12.80	202	62030	3.115	ng	98
81) Benzo(a)anthracene	13.99	228	30536	2.154	ng	# 78
83) Chrysene	14.02	228	33650	2.304	ng	# 94
88) Benzo(b)fluoranthene	15.03	252	27528m	2.109	ng	

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

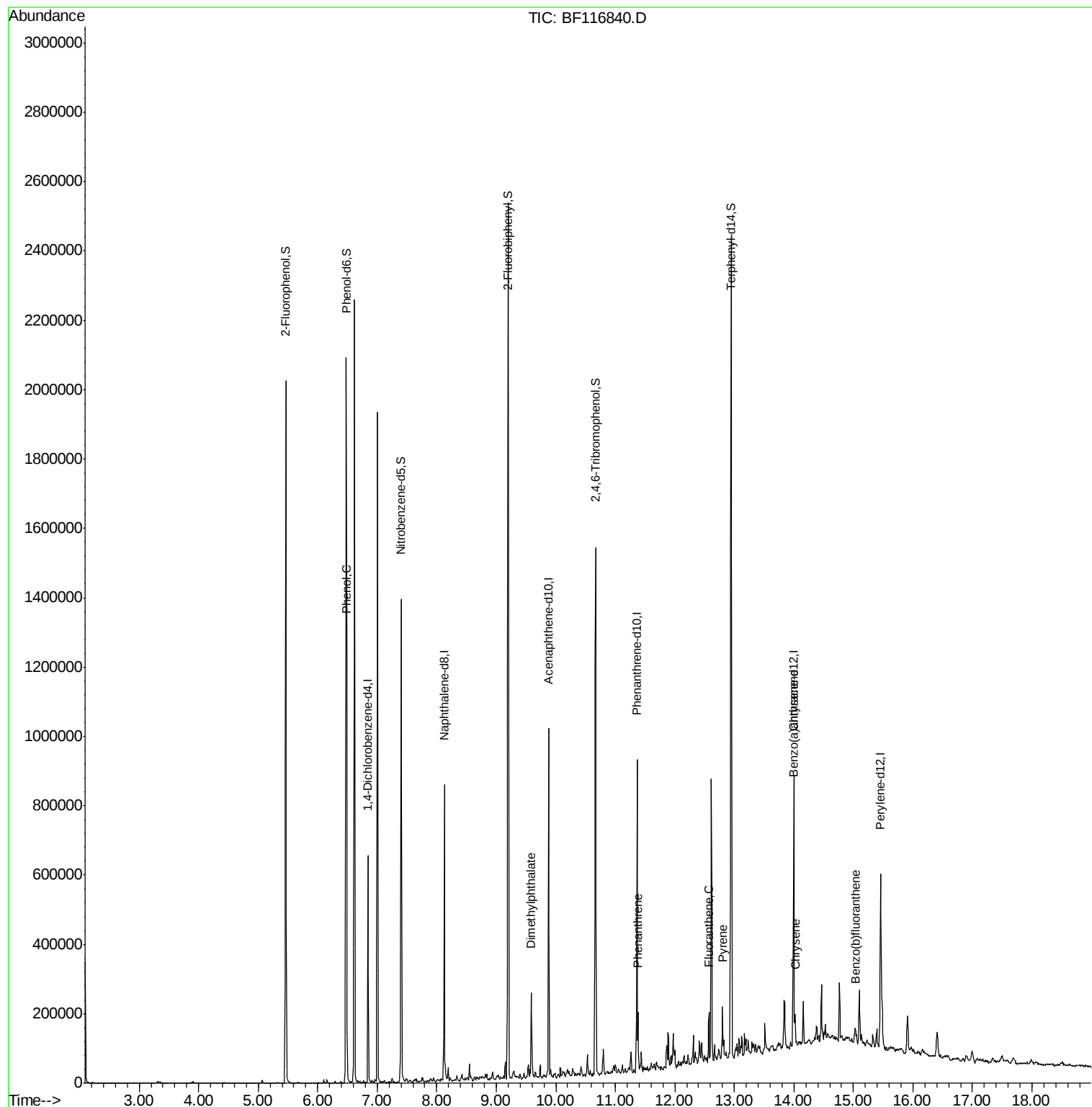
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116840.D
Acq On : 5 Sep 2019 16:14
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Sample : K4683-01
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#1

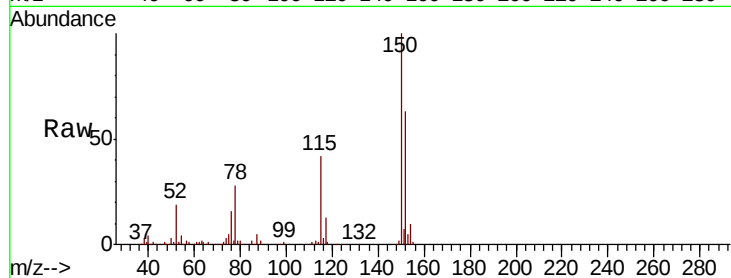
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.4	186.6
115	66.1	49.9	74.9

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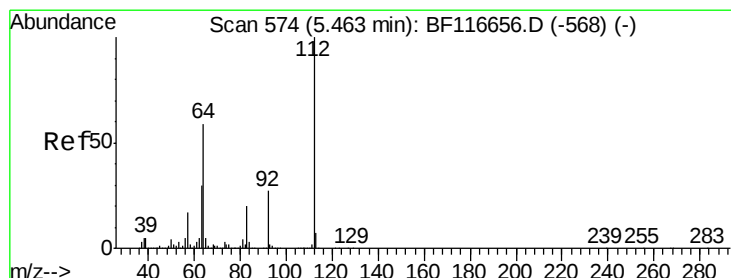
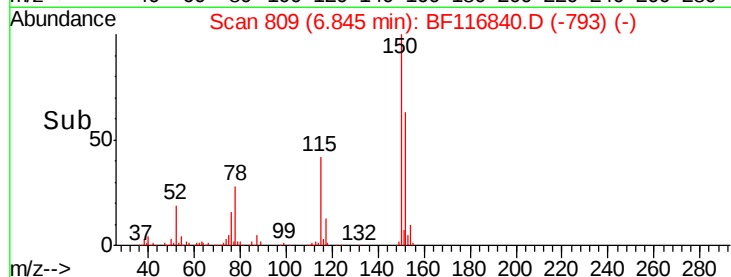
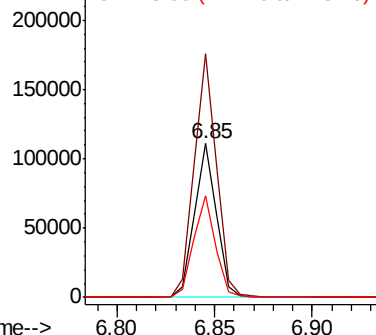


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

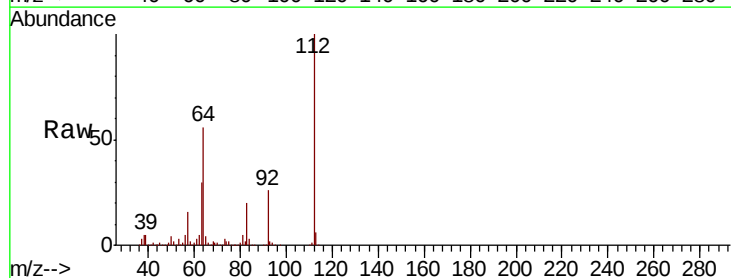
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.372 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.1	70.7
63	29.6	24.9	37.3

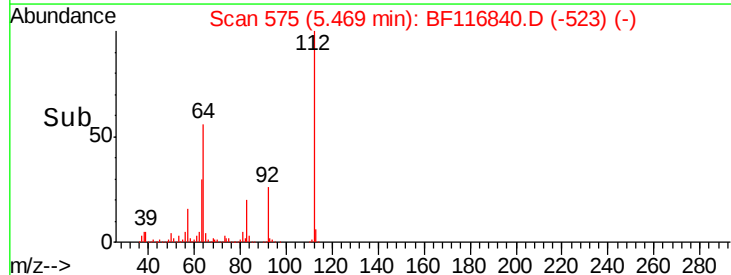
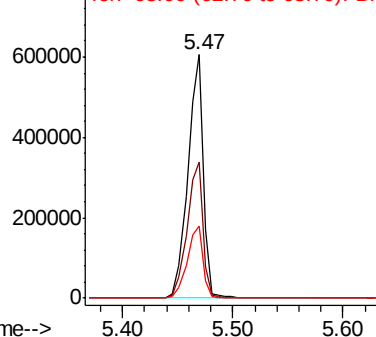


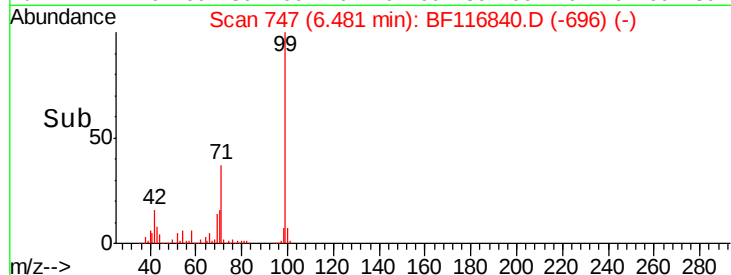
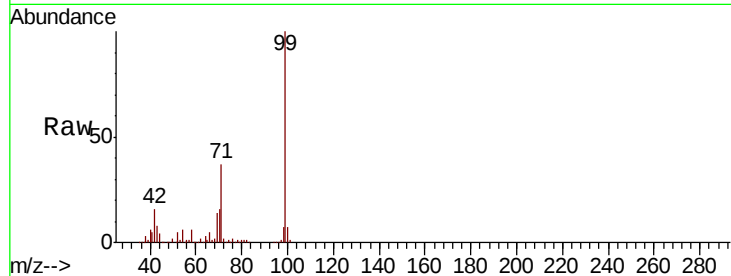
Abundance

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: 112.953 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116840.D

Acq: 5 Sep 2019 16:14

Tot Ion:	99	Resp:	794517
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.7	20.5
71	37.4	30.8	46.2

Instrument :

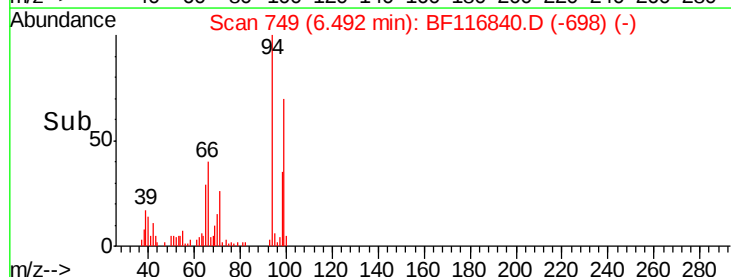
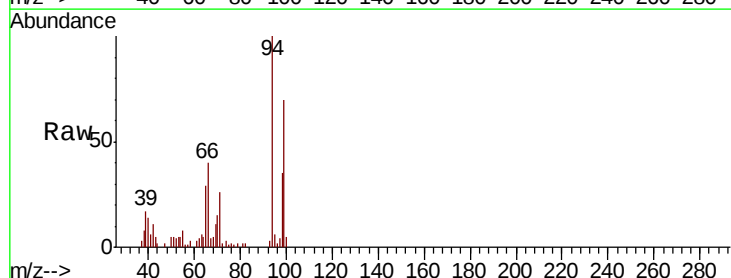
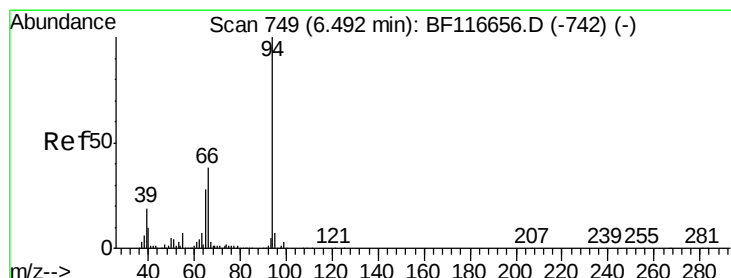
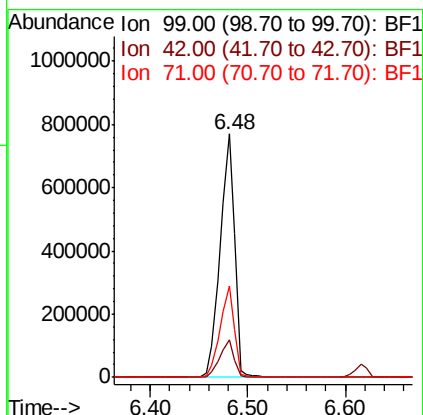
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#10

Phenol

Concen: 2.525 ng

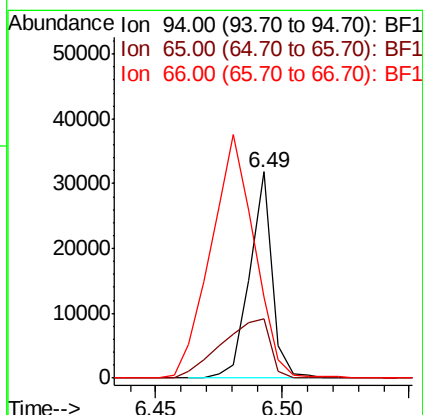
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116840.D

Acq: 5 Sep 2019 16:14

Tgt Ion:	94	Resp:	19670
Ion Ratio	Lower	Upper	
94	100		
65	28.8	10.8	50.8
66	39.6	21.1	61.1





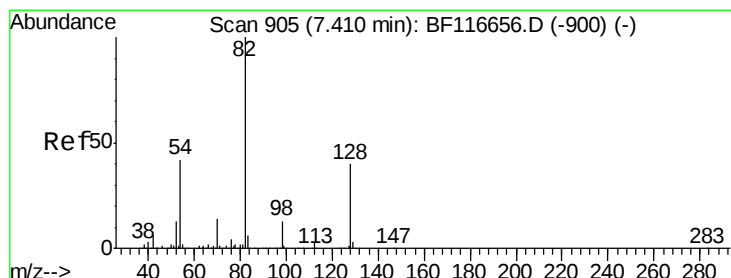
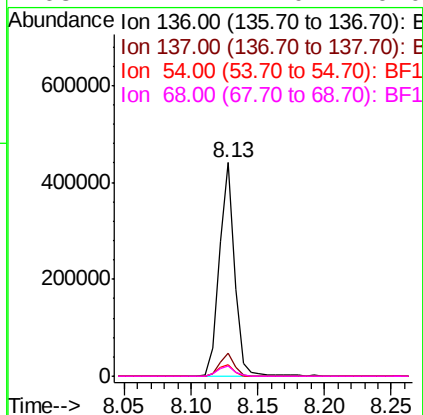
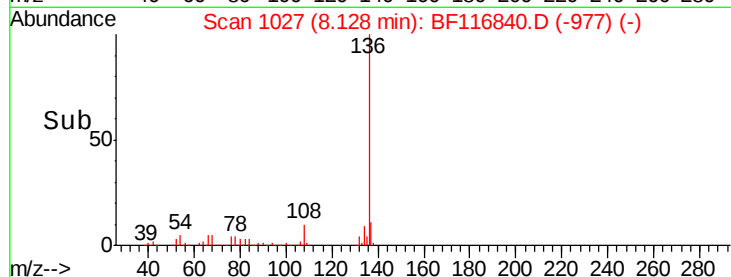
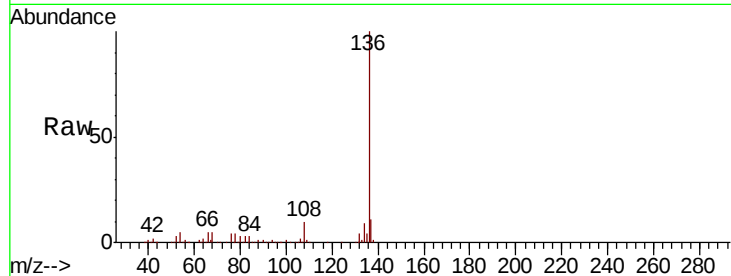
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	357003		
137	10.8		8.9	13.3
54	5.5		4.8	7.2
68	4.7		4.0	6.0

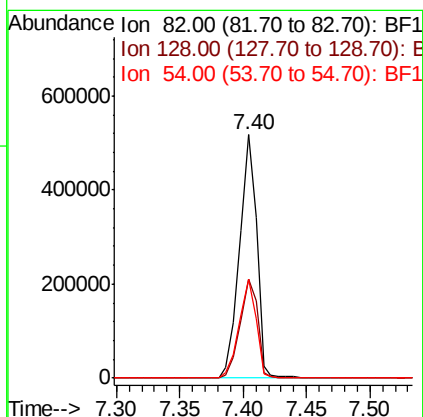
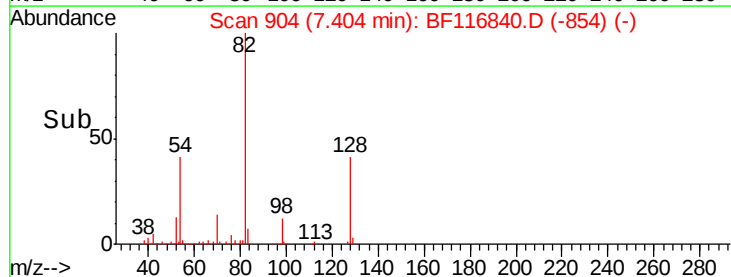
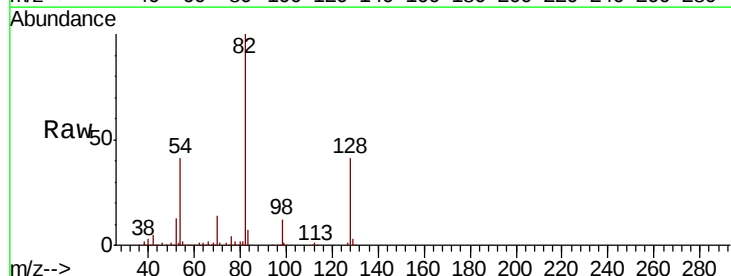
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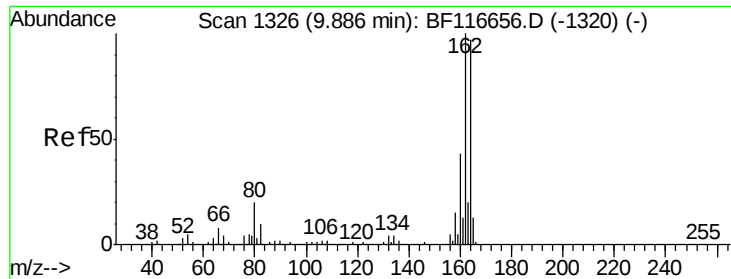
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#23
Nitrobenzene-d5
Concen: 77.155 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	482501		
128	40.8		32.8	49.2
54	40.7		36.9	55.3





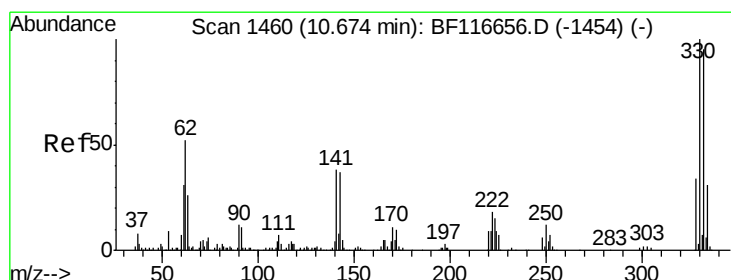
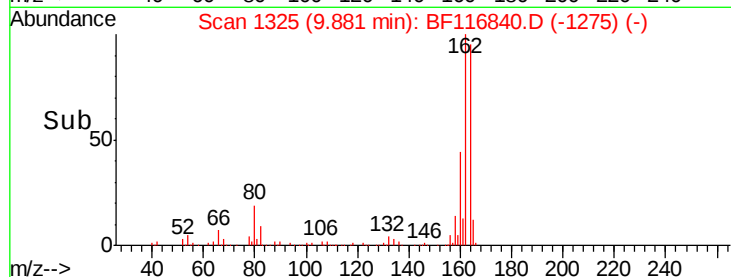
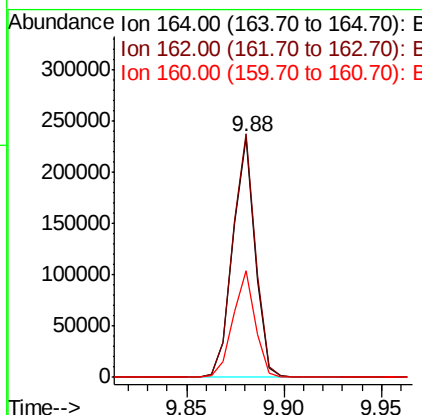
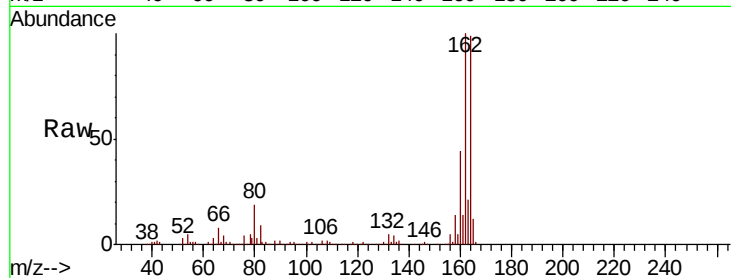
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	186230		
162	101.5	81.4	122.0	
160	44.6	35.4	53.2	

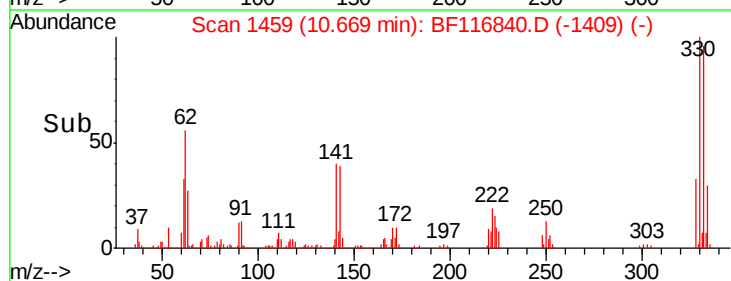
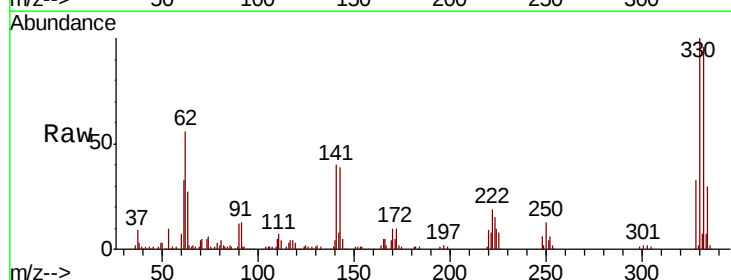
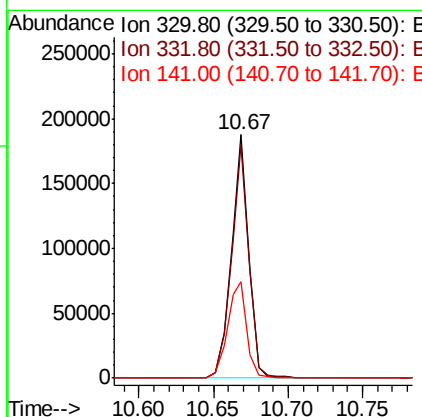
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#42
2,4,6-Tribromophenol
Concen: 124.439 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	154925		
332	96.1	76.9	115.3	
141	44.1	31.4	47.2	





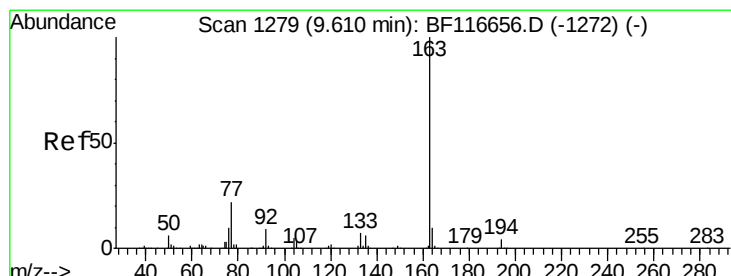
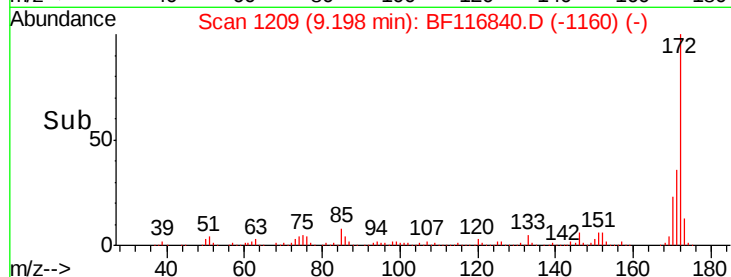
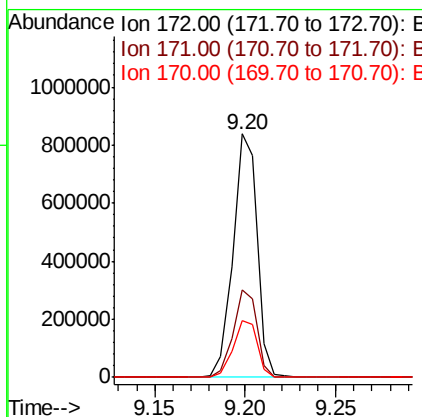
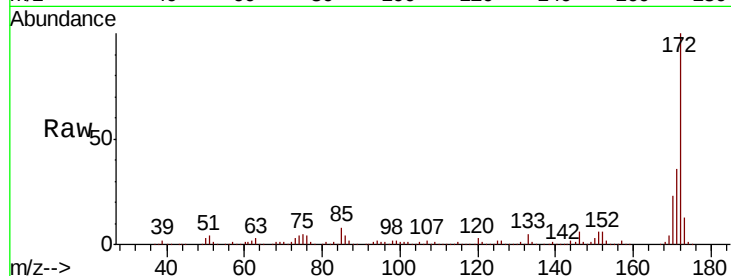
#45
2-Fluorobiphenyl
Concen: 70.223 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	775252		
171	35.7		27.8	41.6
170	23.4		18.9	28.3

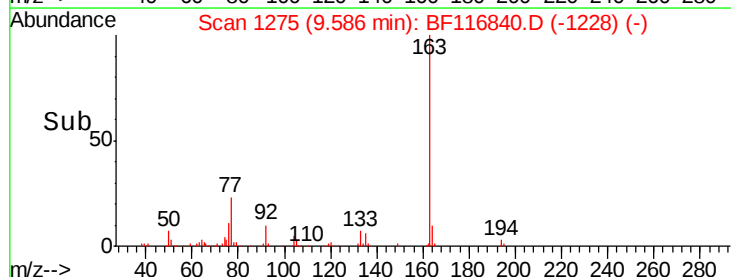
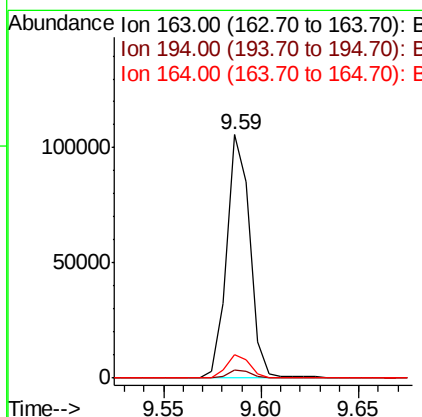
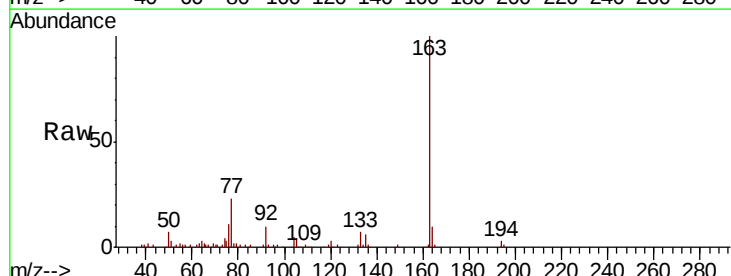
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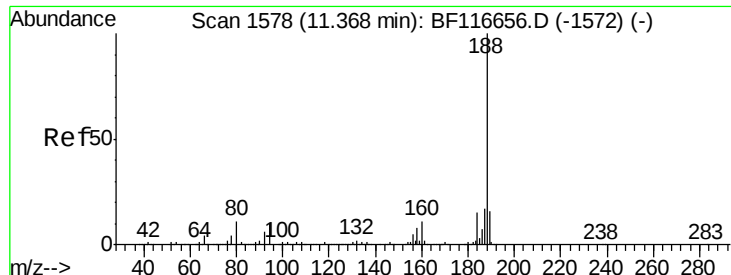
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#50
Dimethylphthalate
Concen: 6.772 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87063		
194	3.3		2.8	4.2
164	9.6		8.6	12.8





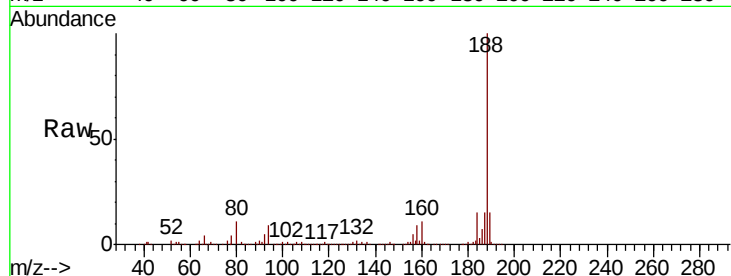
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

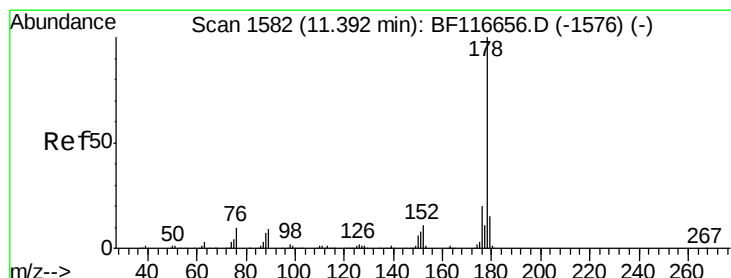
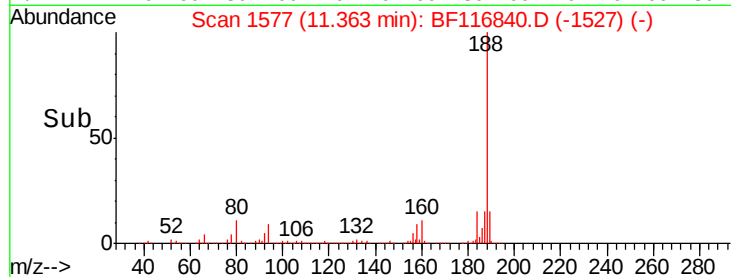
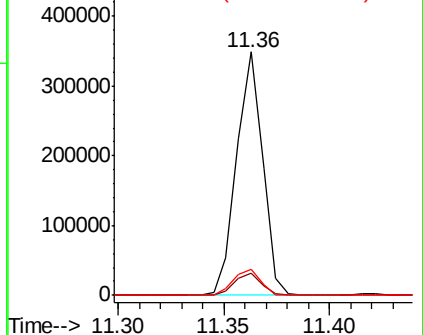
Tot Ion	Ratio	Resp	Lower	Upper
188	100	297741		
94	9.0	7.3	10.9	
80	10.8	8.4	12.6	

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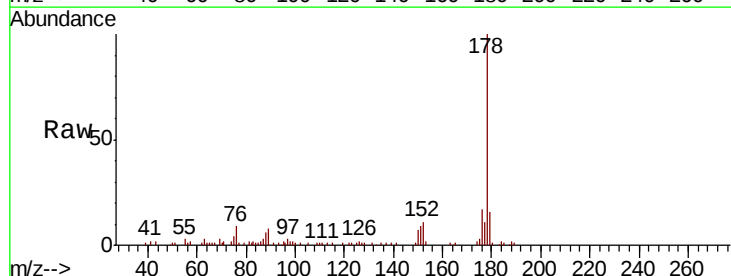


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

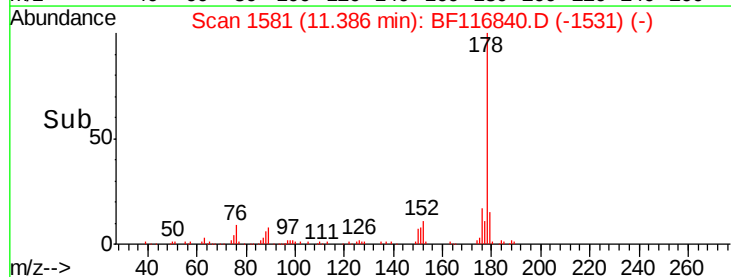
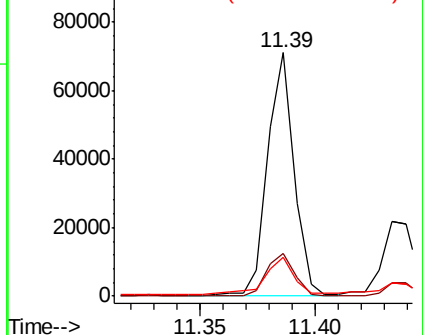


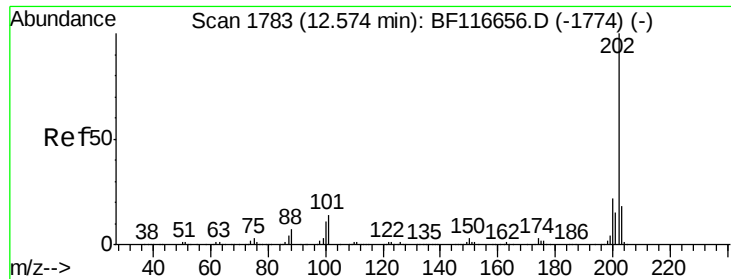
#71
Phenanthrene
Concen: 3.442 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	57044		
176	17.5	15.4	23.0	
179	16.1	12.2	18.2	



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: 3.038 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116840.D

Acq: 5 Sep 2019 16:14

Instrument :

BNA_F

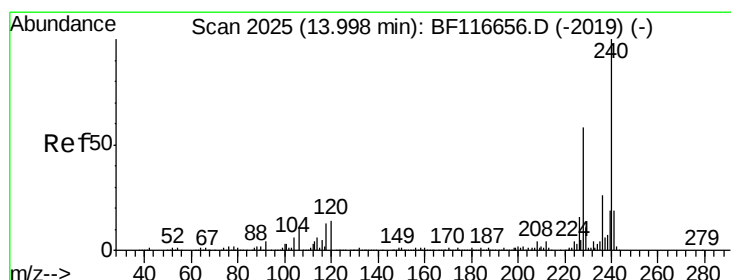
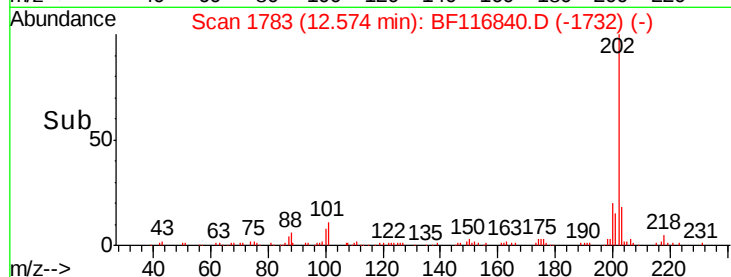
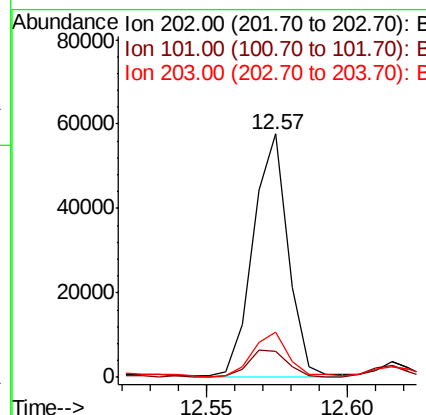
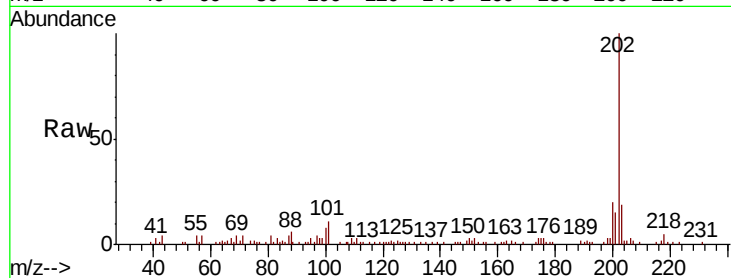
ClientSampleId :

20190663-LOCATION-1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	49490		
101	10.7	0.0	31.3	
203	18.5	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

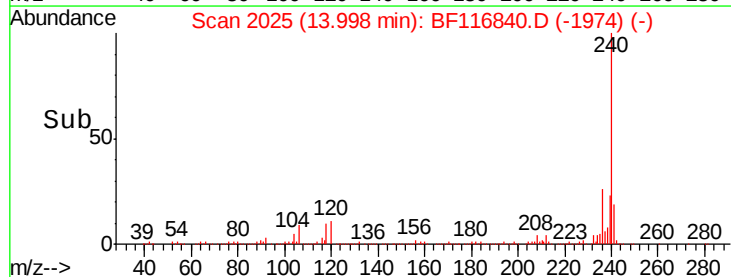
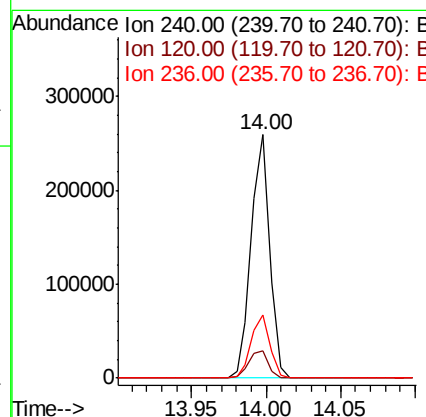
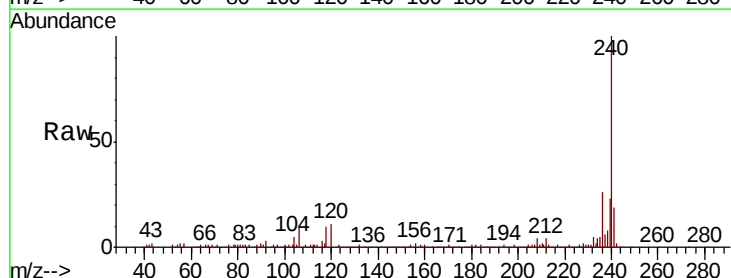
RT: 14.00 min Scan# 2025

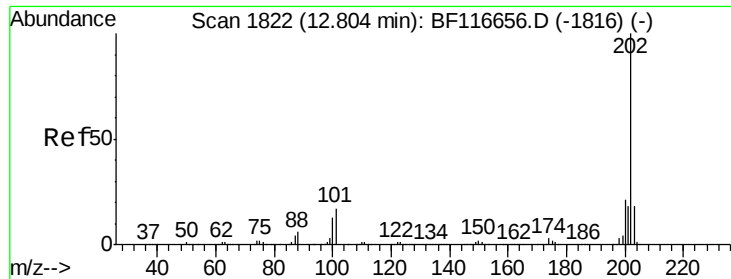
Delta R.T. 0.00 min

Lab File: BF116840.D

Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	224005		
120	11.1	9.1	13.7	
236	25.9	21.1	31.7	





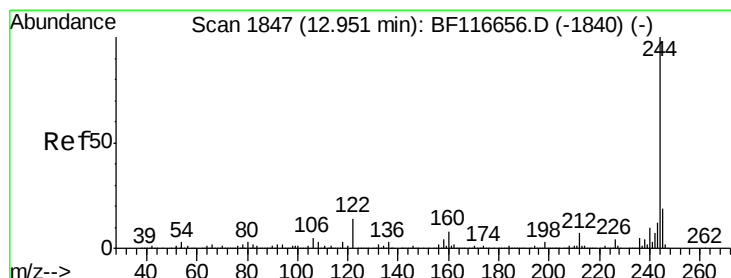
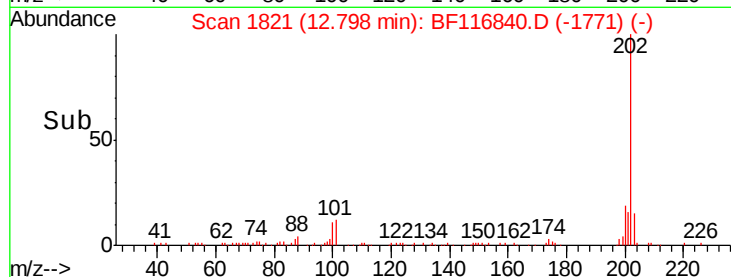
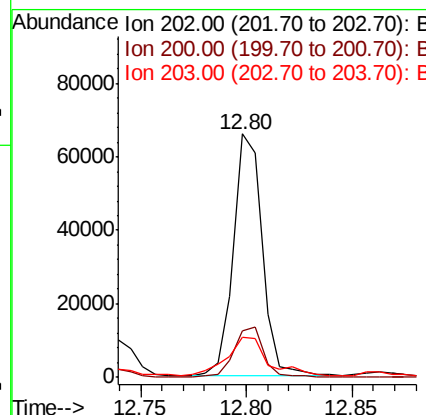
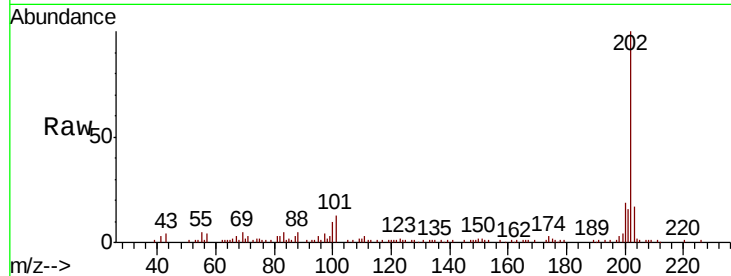
#78
Pvrene
Concen: 3.115 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.5	24.7
203	16.6	13.7	20.5

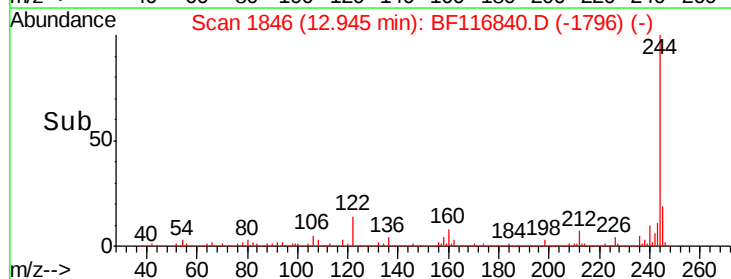
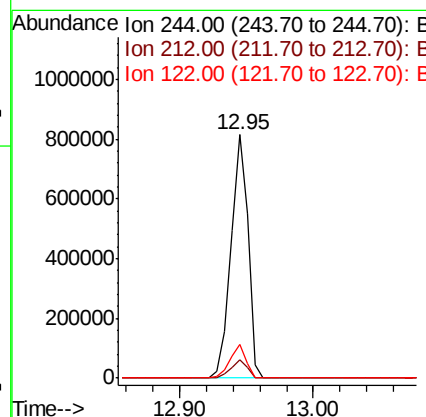
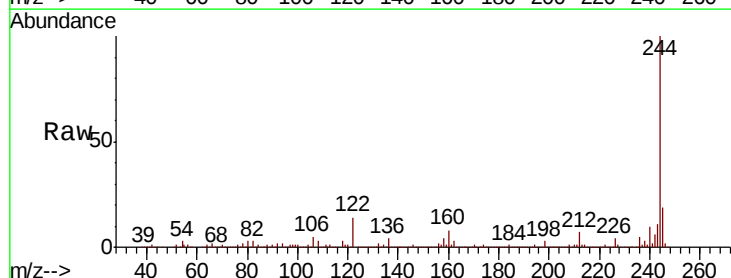
Manual Integrations
APPROVED

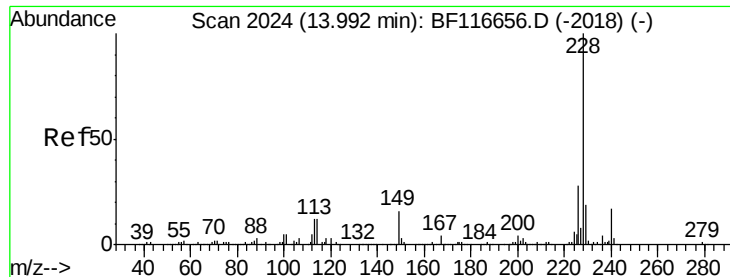
mohammad
9/10/2019 9:52:22 AM



#79
Terphenyl-d14
Concen: 60.957 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.7	10.2	15.4





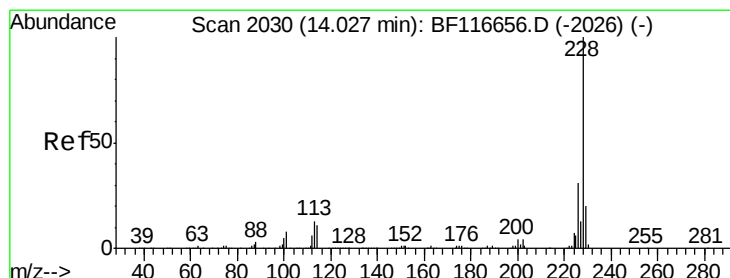
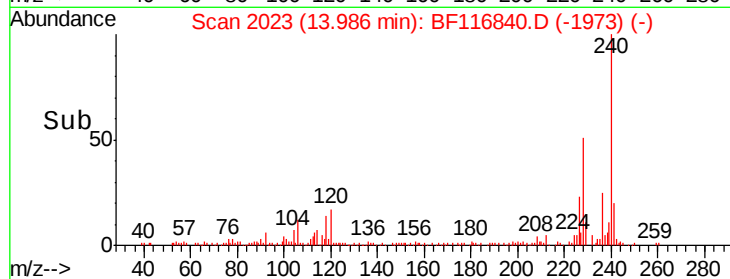
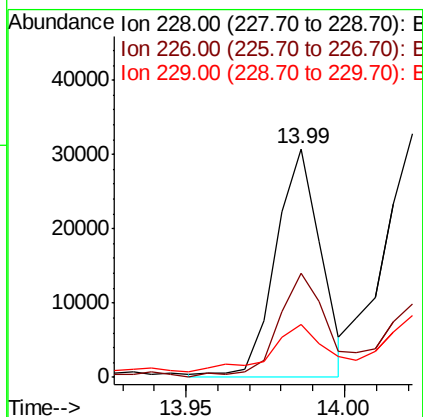
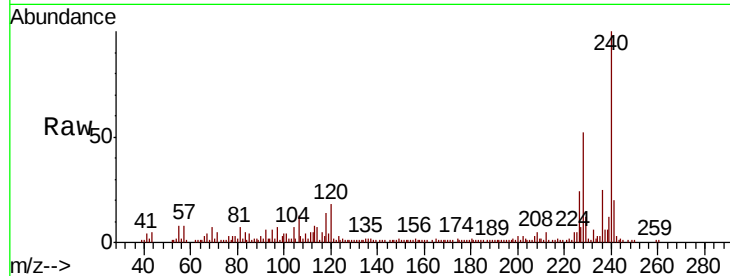
#81
Benzo(a)anthracene
Concen: 2.154 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	45.6	22.0	33.0#
229	23.0	16.4	24.6

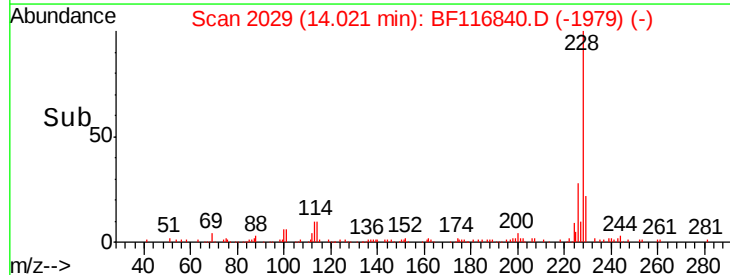
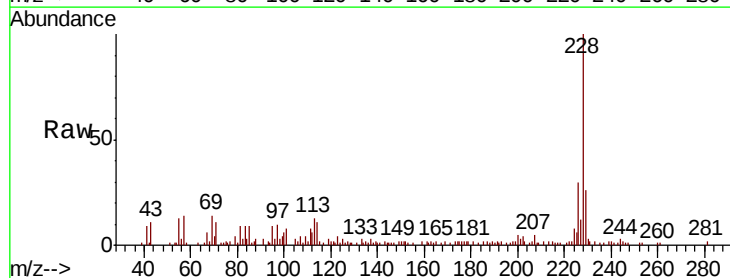
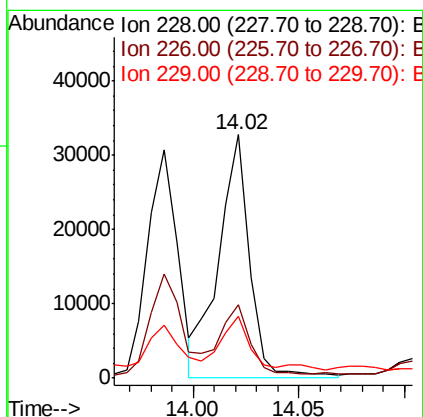
Manual Integrations
APPROVED

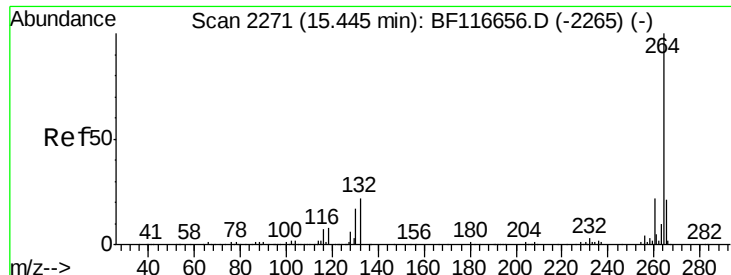
mohammad
9/10/2019 9:52:22 AM



#83
Chrysene
Concen: 2.304 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	25.5	15.4	23.0#





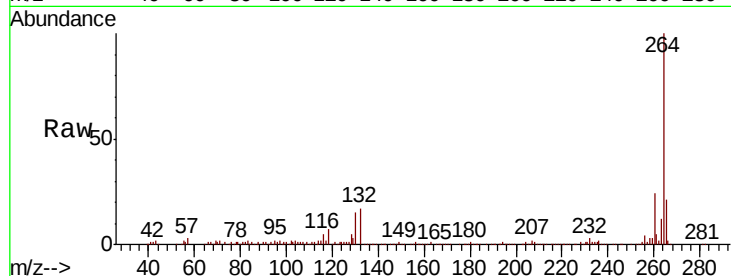
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Instrument :
BNA_F
ClientSampleId :
20190663-LOCATION-1

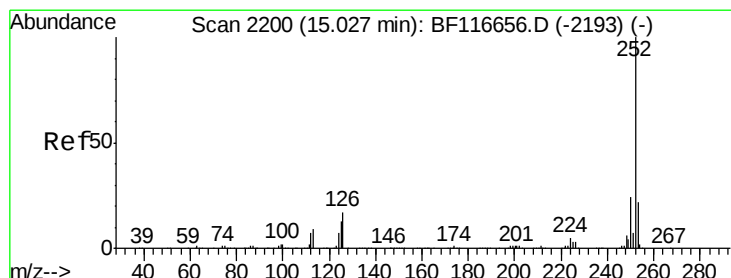
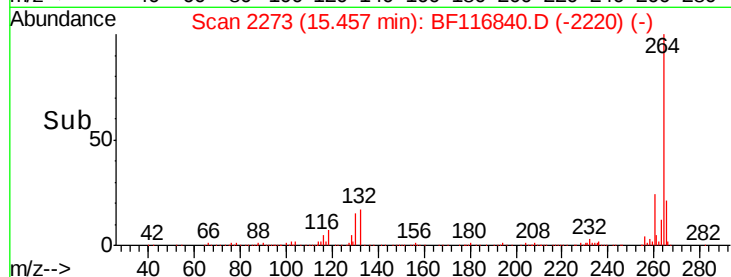
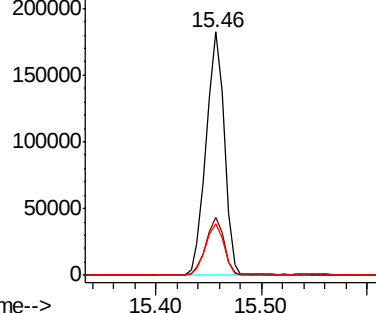
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.3	16.5	24.7

Manual Integrations
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mohammad
9/10/2019 9:52:22 AM

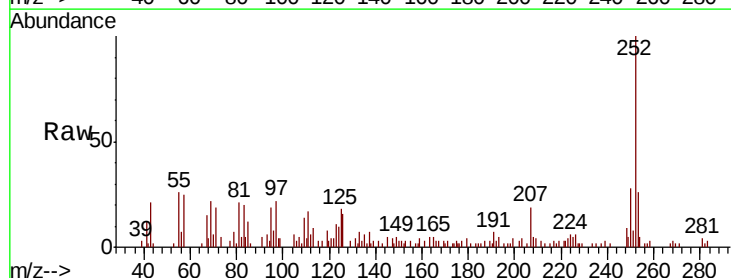


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.109 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116840.D
Acq: 5 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	17.9	8.2	12.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

