

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116807.D
 Acq On : 4 Sep 2019 11:30
 Operator : HP/JU
 Sample : K4622-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-11-C1-C4-(0-4)

Manual Integrations
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mohammad
 9/9/2019 9:55:31 AM

Quant Time: Sep 05 02:32:56 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	73332	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	289794	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	149012	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	247544	20.00	ng	0.00
76) Chrysene-d12	13.99	240	187414	20.00	ng	0.00
87) Perylene-d12	15.44	264	176883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	423900	93.65	ng	0.00
7) Phenol-d6	6.47	99	586238	98.63	ng	0.00
23) Nitrobenzene-d5	7.40	82	370969	73.08	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	123933	124.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	579956	65.65	ng	0.00
79) Terphenyl-d14	12.94	244	561101	55.39	ng	0.00
Target Compounds						
10) Phenol	6.49	94	13858	2.106	ng	99
50) Dimethylphthalate	9.59	163	103509	10.061	ng	97
71) Phenanthrene	11.39	178	52022	3.775	ng	97
75) Fluoranthene	12.57	202	123660	9.131	ng	99
78) Pyrene	12.80	202	117568	7.057	ng	99
81) Benzo(a)anthracene	13.98	228	70684	5.959	ng	99
83) Chrysene	14.02	228	68739	5.625	ng	98
86) Indeno(1,2,3-cd)pyrene	16.88	276	33196	3.382	ng	95
88) Benzo(b)fluoranthene	15.02	252	79951m	7.476	ng	
89) Benzo(k)fluoranthene	15.04	252	23303m	2.390	ng	
90) Benzo(a)pyrene	15.38	252	52931	5.689	ng	97
92) Benzo(a,h,i)perylene	17.32	276	30661	3.692	ng	95

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

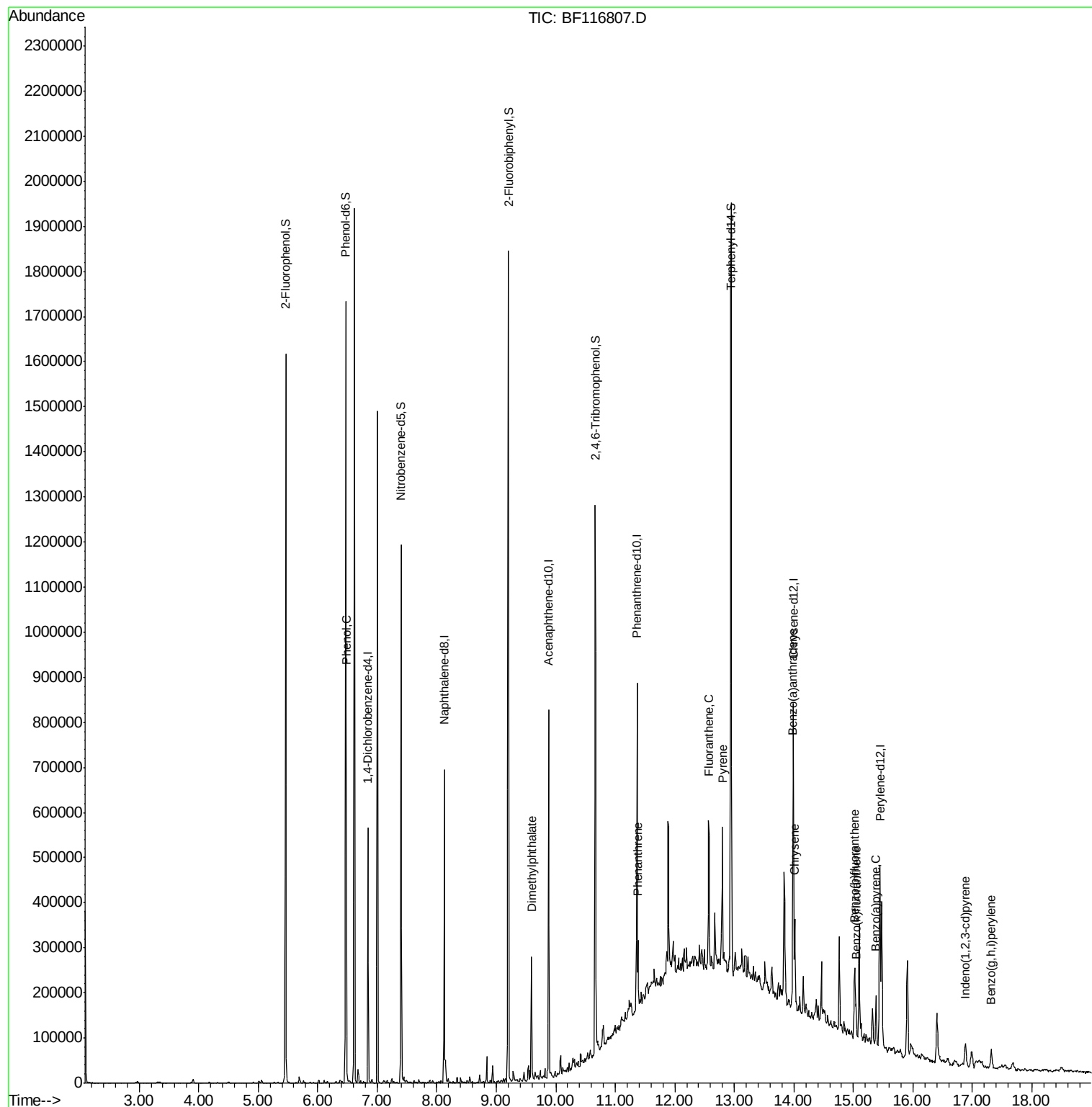
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116807.D
Acq On : 4 Sep 2019 11:30
Operator : HP/JU
Sample : K4622-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

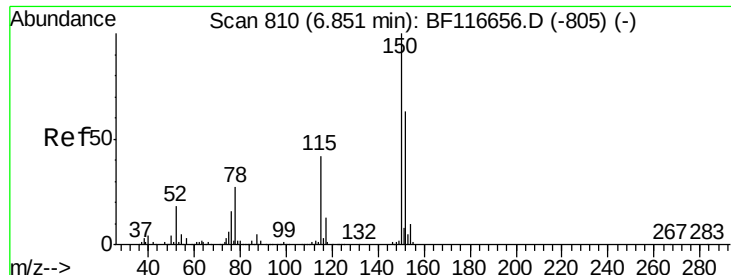
Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

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#1

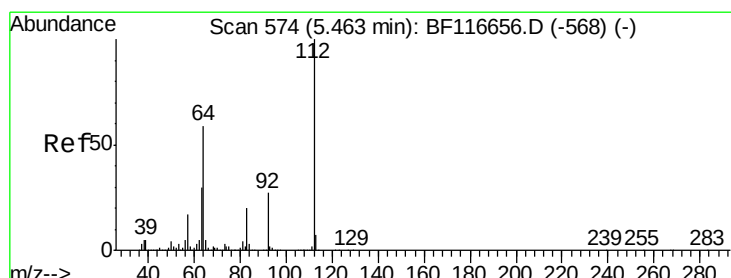
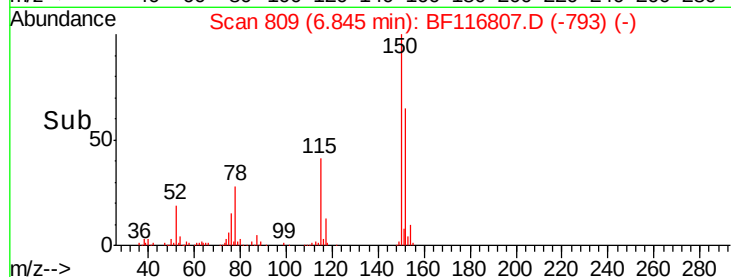
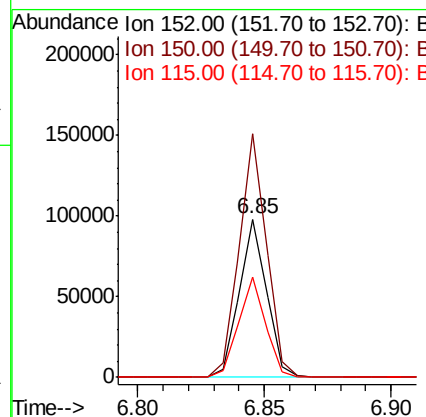
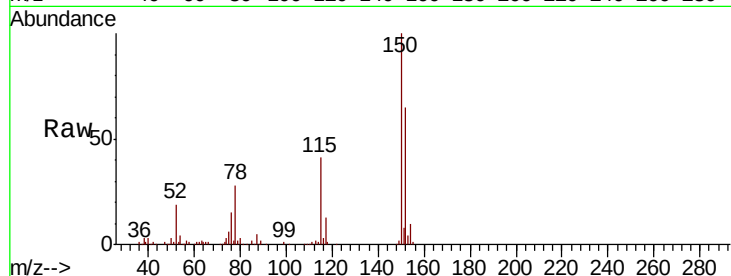
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.4	186.6
115	63.7	49.9	74.9

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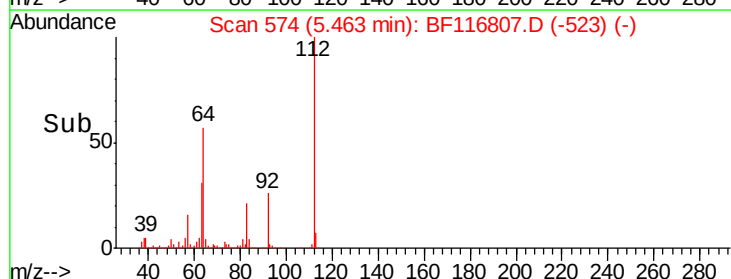
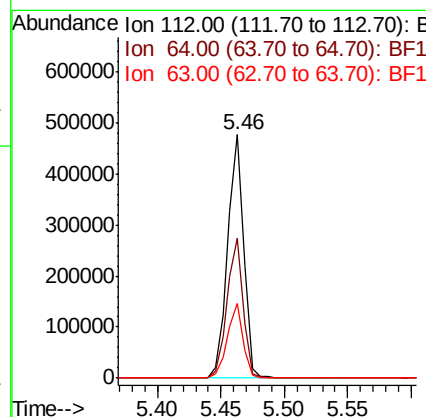
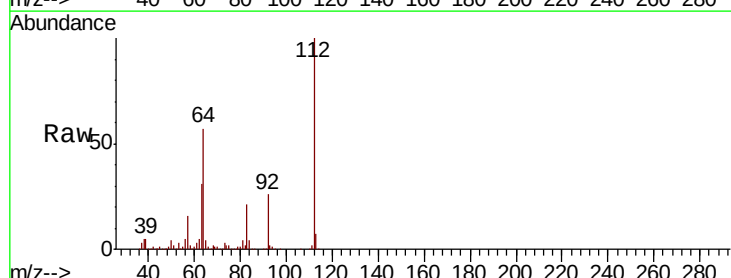
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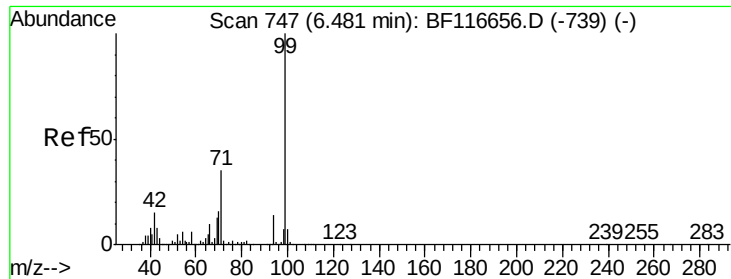


#5

2-Fluorophenol
Concen: 93.648 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.1	70.7
63	30.9	24.9	37.3





#7

Phenol-d6

Concen: 98.630 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116807.D

Acq: 4 Sep 2019 11:30

Instrument :

BNA_F

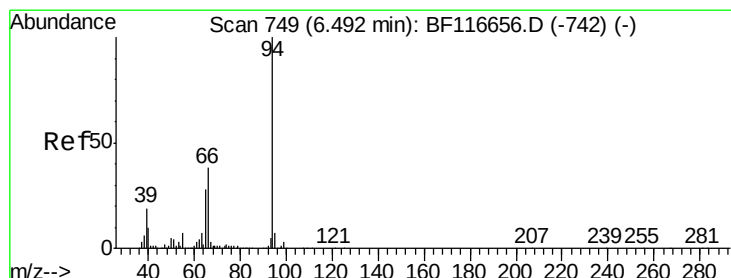
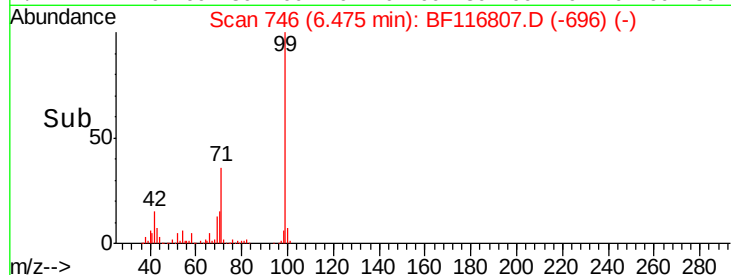
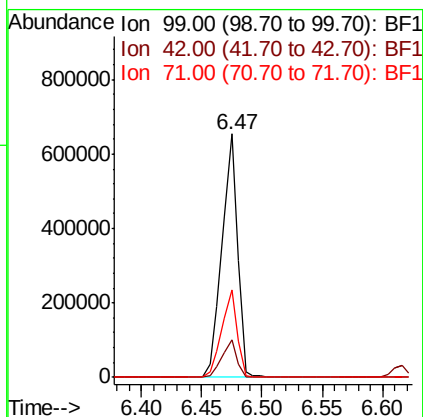
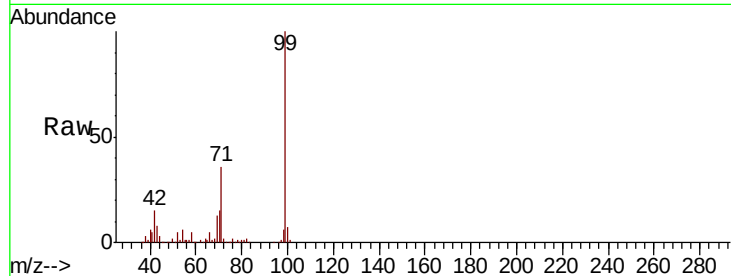
ClientSampleId :

PAR-11-C1-C4-(0-4)

Tot Ion:	99	Resp:	586238
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.7	20.5
71	35.7	30.8	46.2

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#10

Phenol

Concen: 2.106 ng

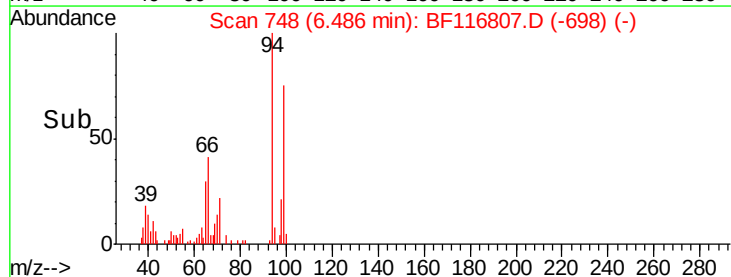
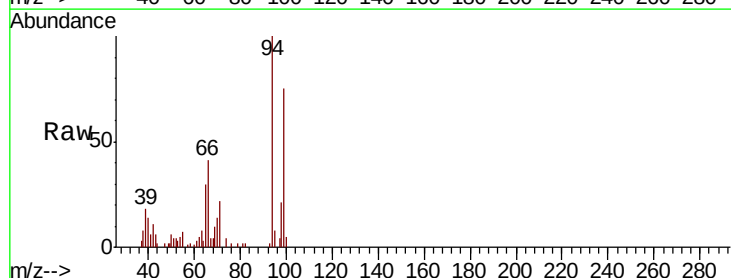
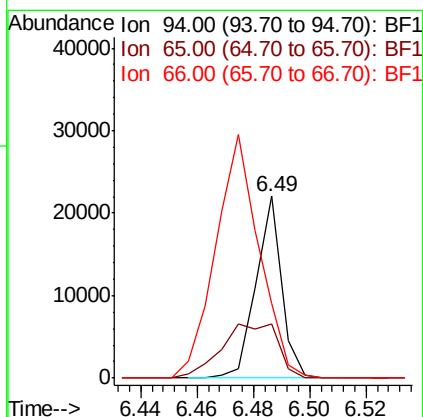
RT: 6.49 min Scan# 748

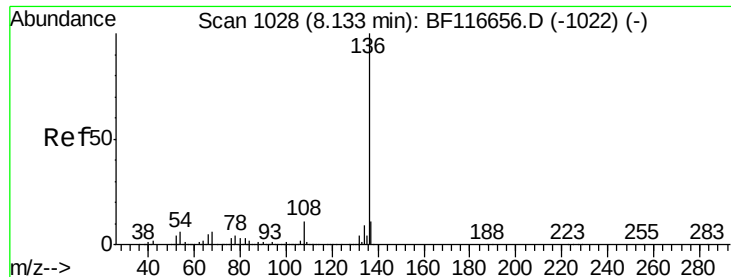
Delta R.T. -0.01 min

Lab File: BF116807.D

Acq: 4 Sep 2019 11:30

Tgt Ion:	94	Resp:	13858
Ion Ratio	Lower	Upper	
94	100		
65	29.8	10.8	50.8
66	41.1	21.1	61.1





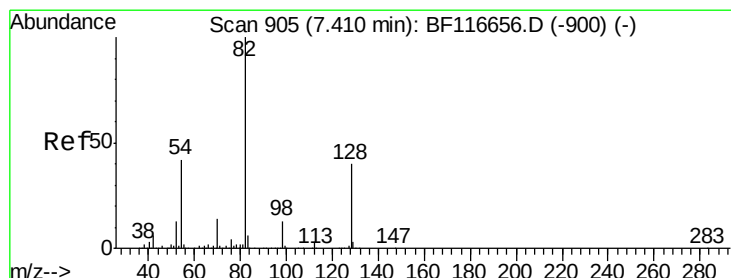
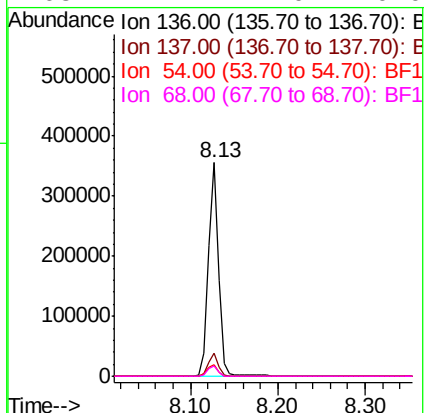
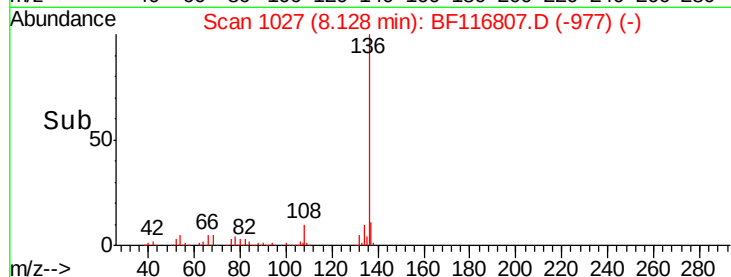
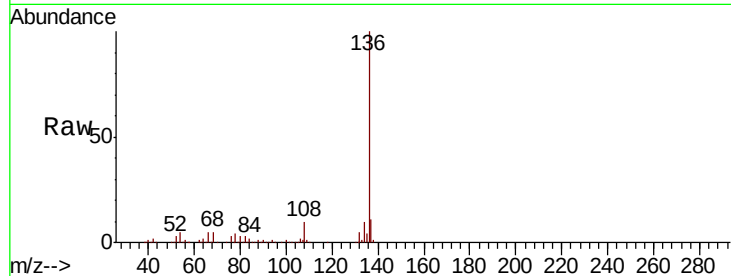
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		289794		
137	10.9		8.9	13.3	
54	5.5		4.8	7.2	
68	4.7		4.0	6.0	

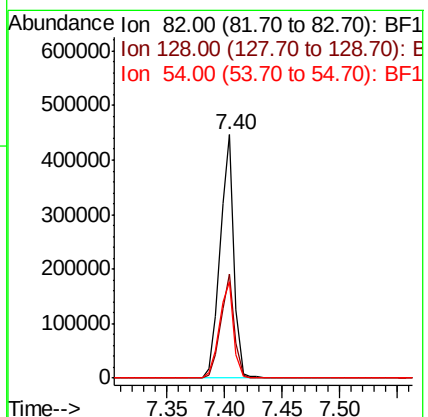
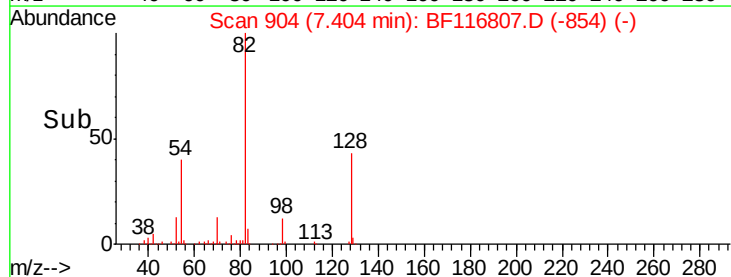
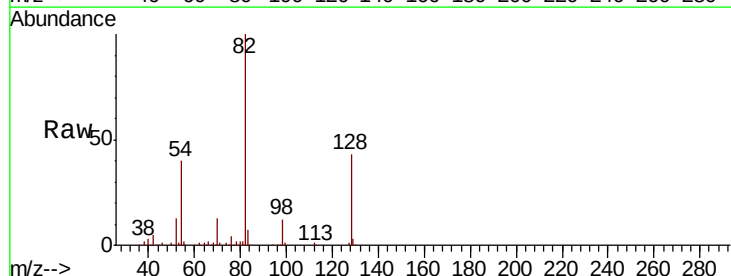
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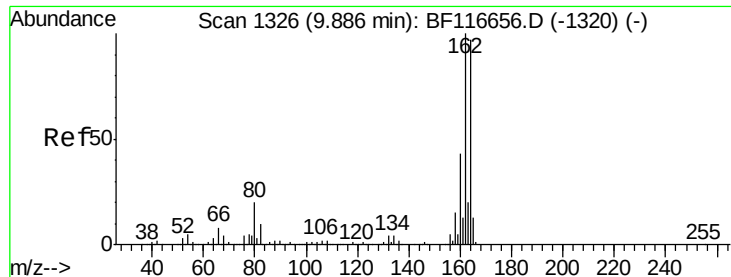
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#23
Nitrobenzene-d5
Concen: 73.078 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		370969		
128	43.0		32.8	49.2	
54	39.7		36.9	55.3	





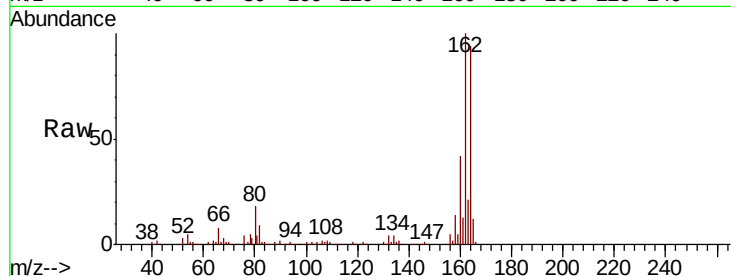
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	149012		
162	105.9	81.4	122.0	
160	44.8	35.4	53.2	

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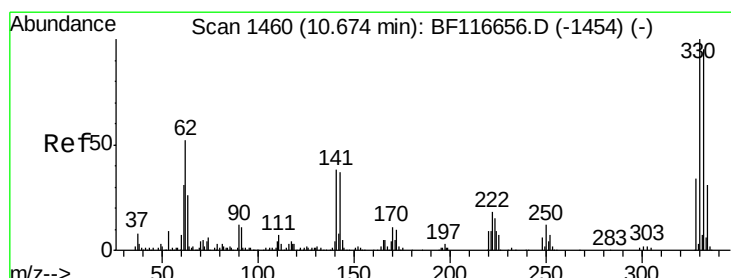
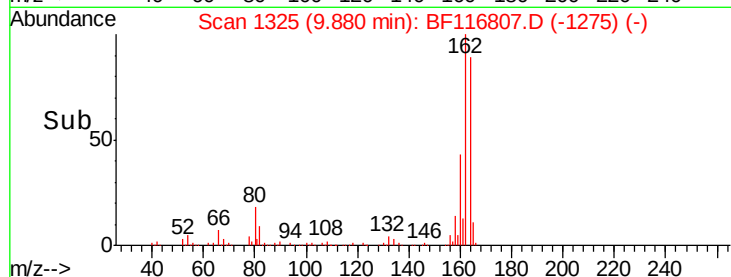
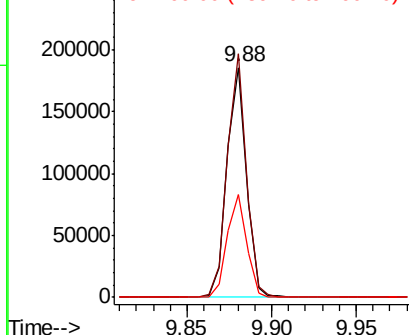


Abundance

Ion 164.00 (163.70 to 164.70): E

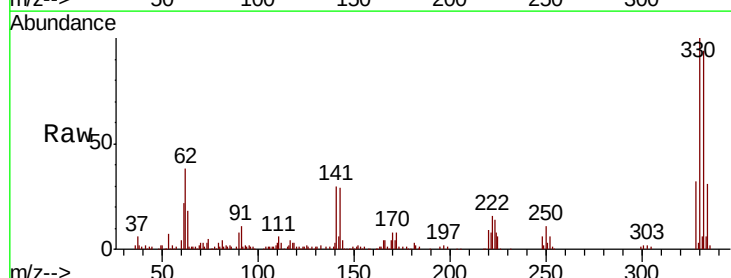
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 124.409 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123933		
332	94.5	76.9	115.3	
141	42.8	31.4	47.2	

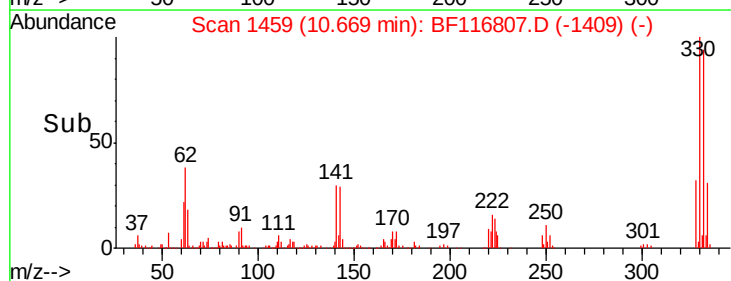
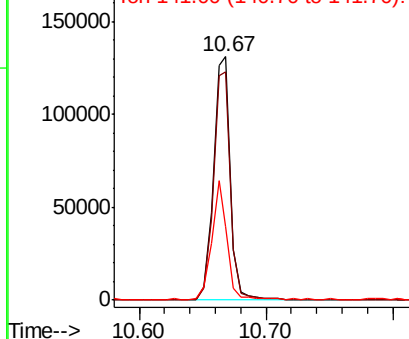


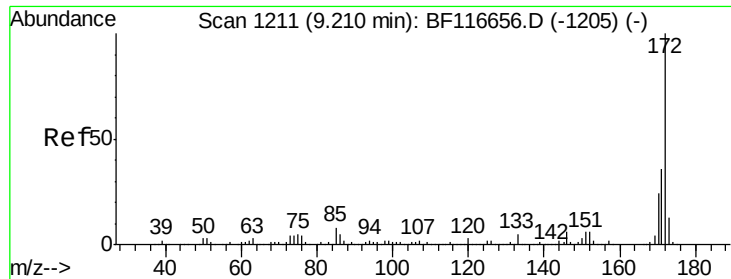
Abundance

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





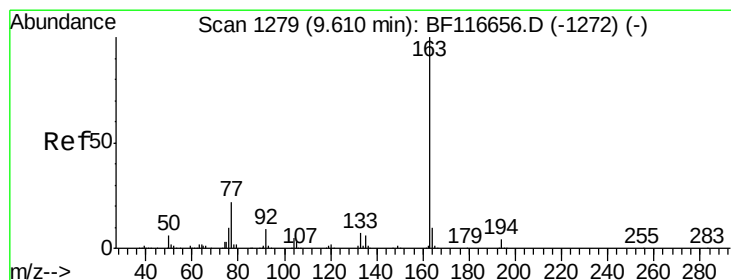
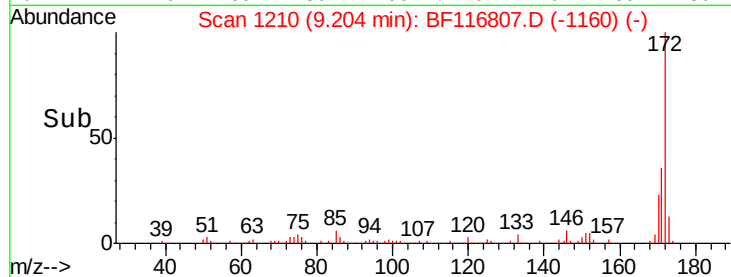
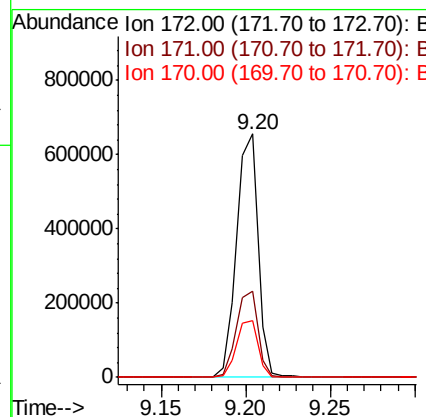
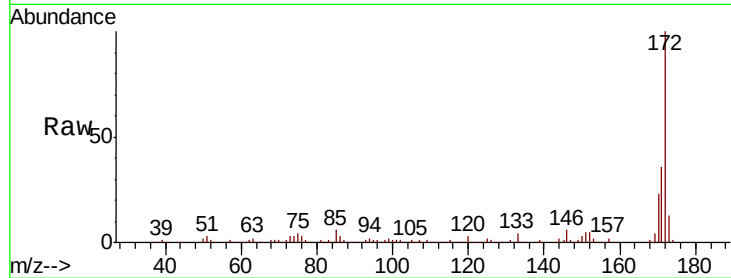
#45
2-Fluorobiphenyl
Concen: 65.654 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.4	18.9	28.3

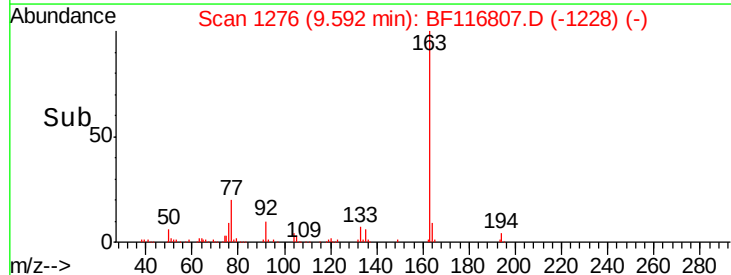
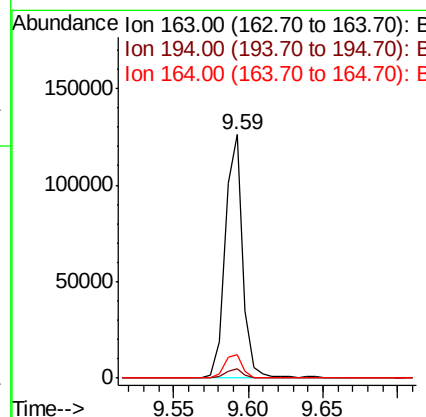
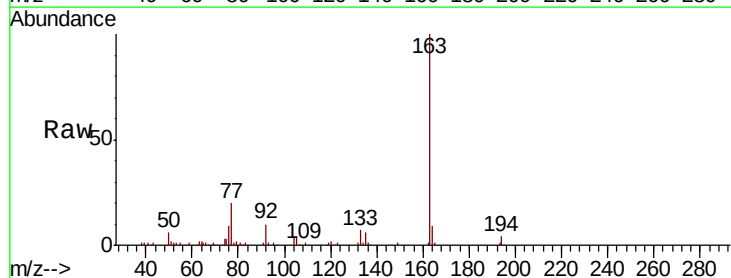
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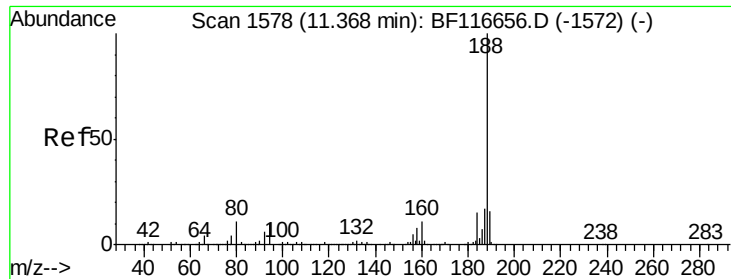
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#50
Dimethylphthalate
Concen: 10.061 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.4	8.6	12.8





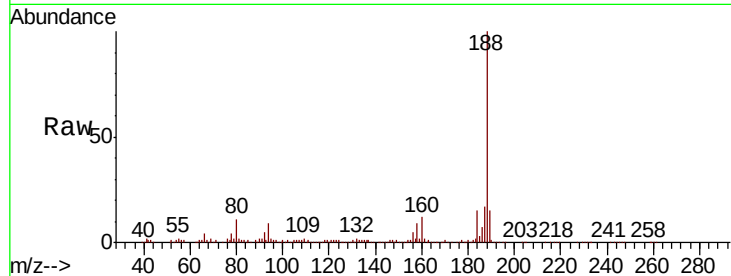
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

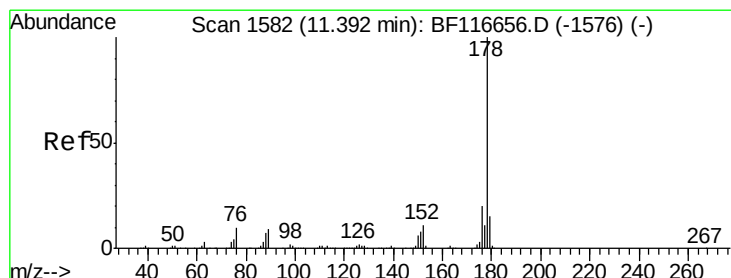
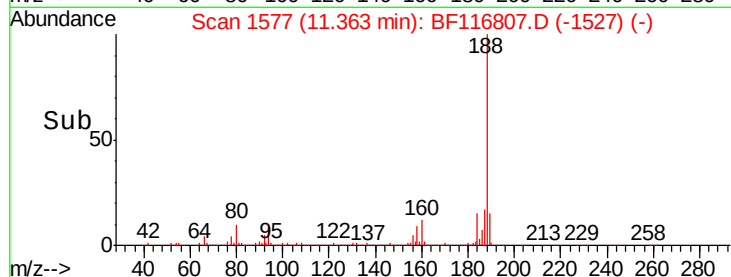
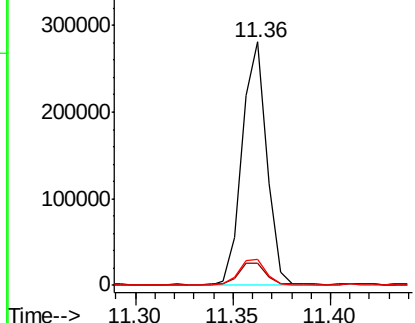
Tot Ion	Ratio	Resp	Lower	Upper
188	100	247544		
94	9.4	7.3	10.9	
80	10.6	8.4	12.6	

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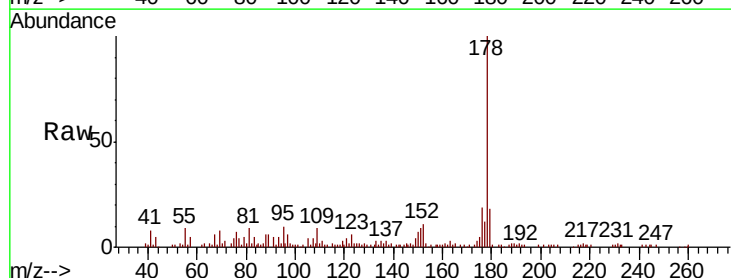


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

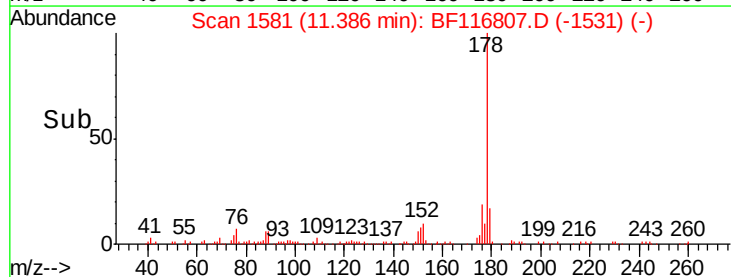
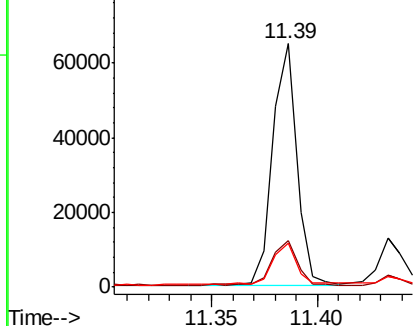


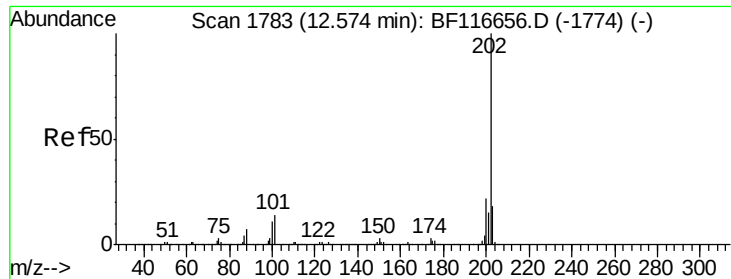
#71
Phenanthrene
Concen: 3.775 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52022		
176	19.2	15.4	23.0	
179	17.9	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: 9.131 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116807.D

Acq: 4 Sep 2019 11:30

Instrument :

BNA_F

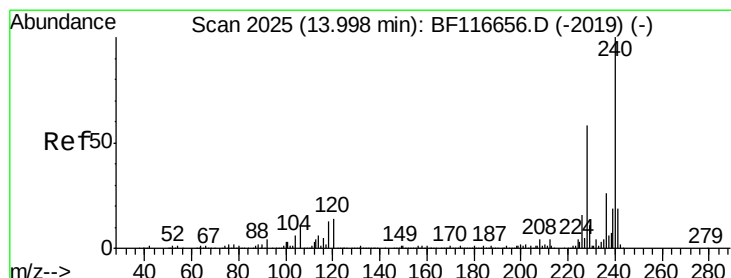
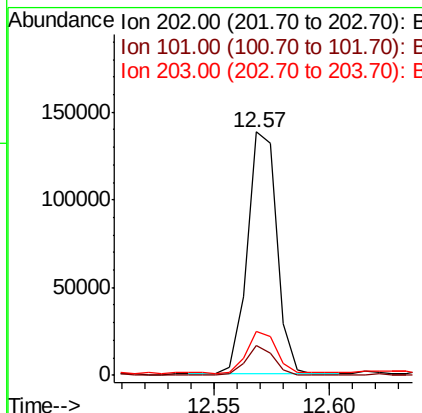
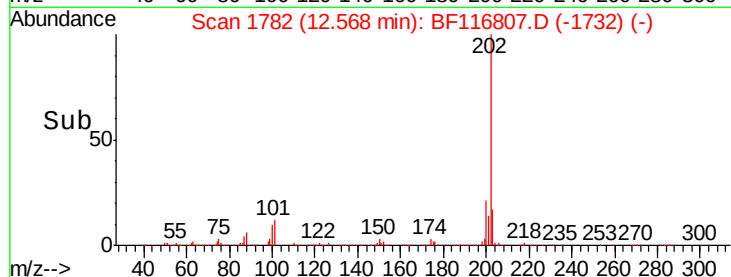
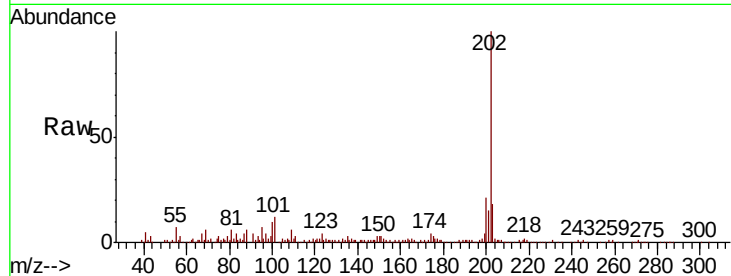
ClientSampleId :

PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	31.3
203	17.8	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

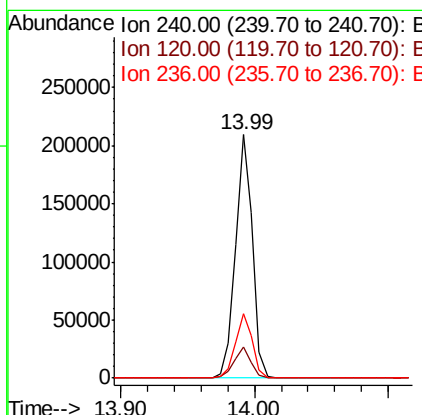
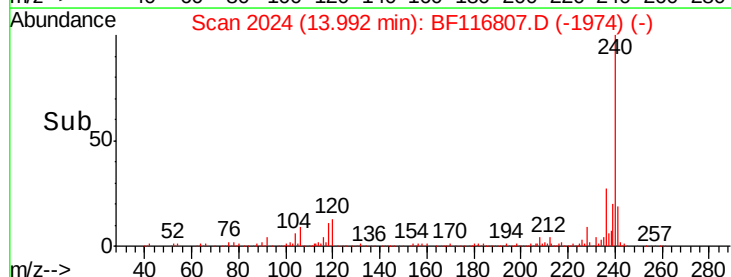
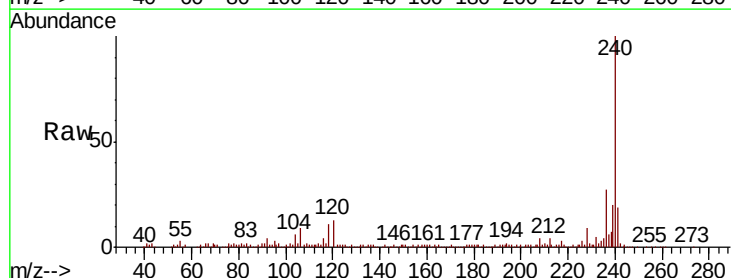
RT: 13.99 min Scan# 2024

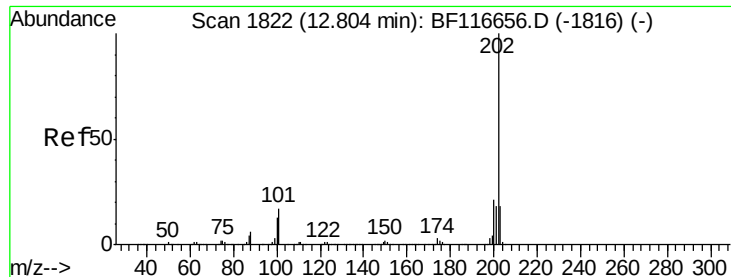
Delta R.T. -0.01 min

Lab File: BF116807.D

Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.0	9.1	13.7
236	26.6	21.1	31.7





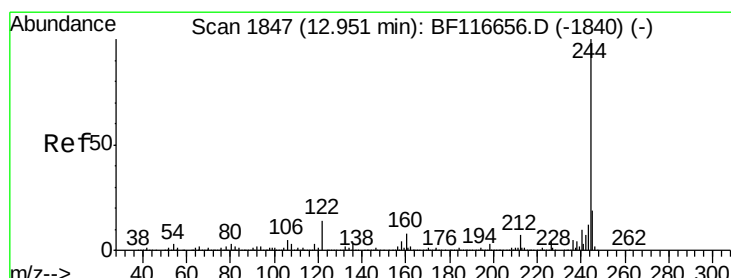
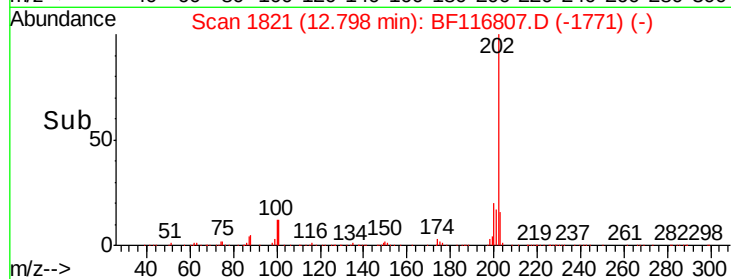
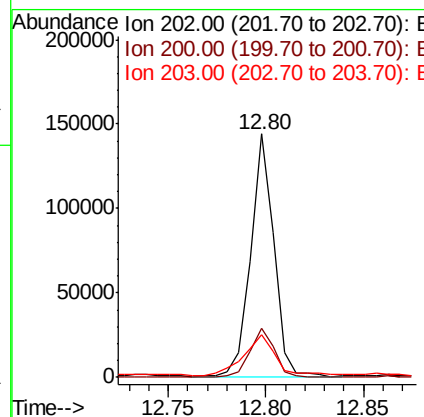
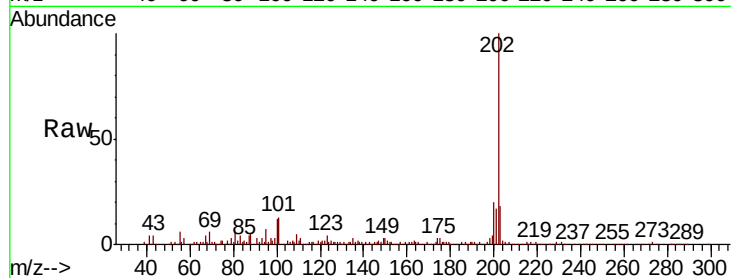
#78
Pvrene
Concen: 7.057 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion:	202	Resp:	117568
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.5	24.7
203	17.5	13.7	20.5

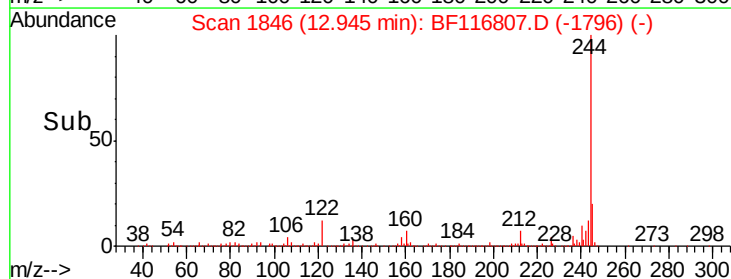
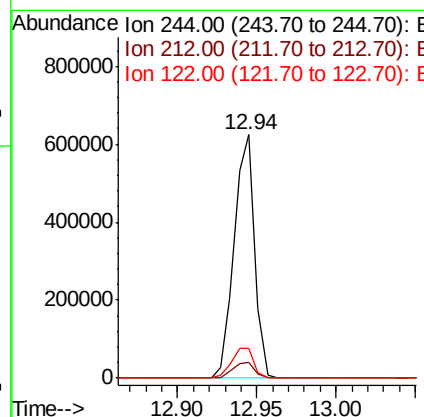
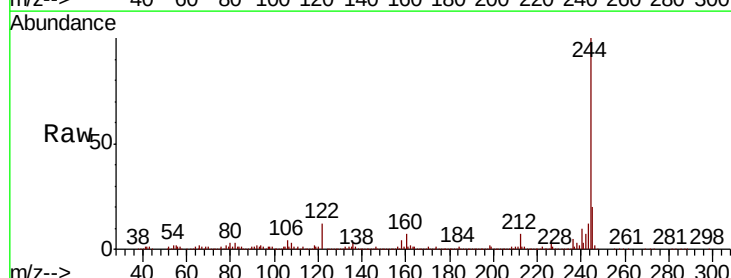
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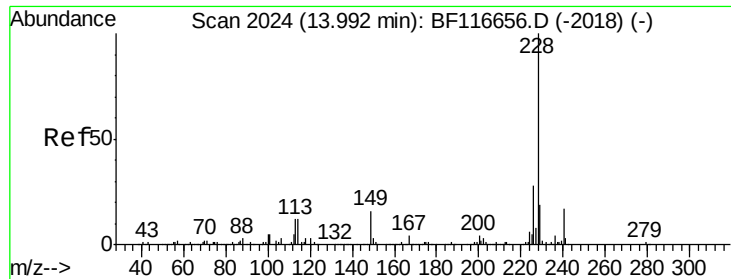
mohammad
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#79
Terphenyl-d14
Concen: 55.386 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion:	244	Resp:	561101
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.1	9.1
122	12.0	10.2	15.4





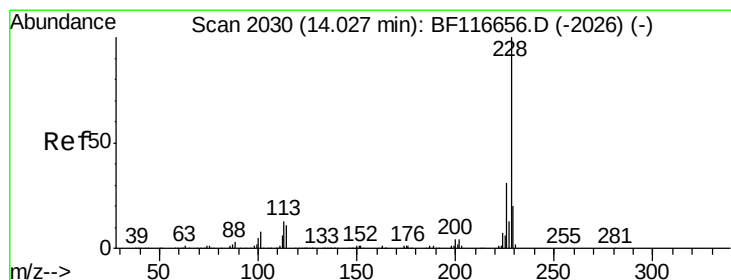
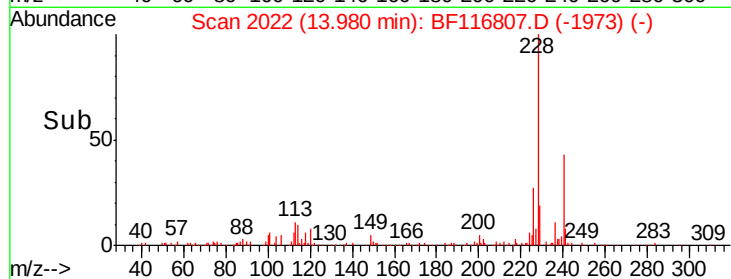
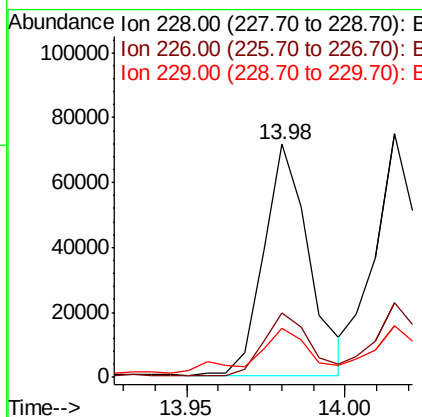
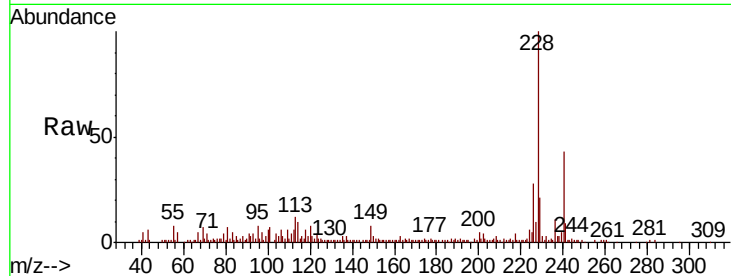
#81
Benzo(a)anthracene
Concen: 5.959 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	20.9	16.4	24.6

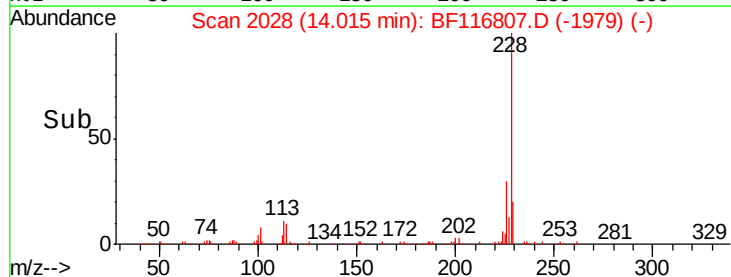
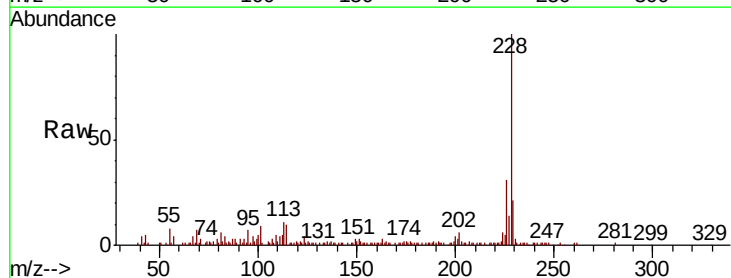
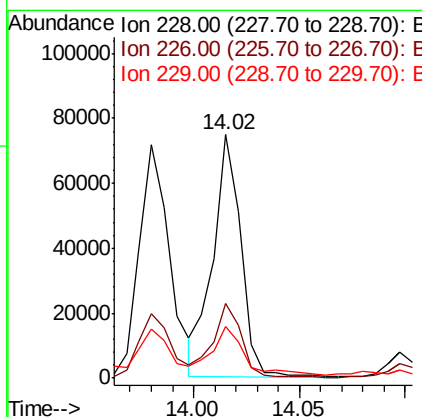
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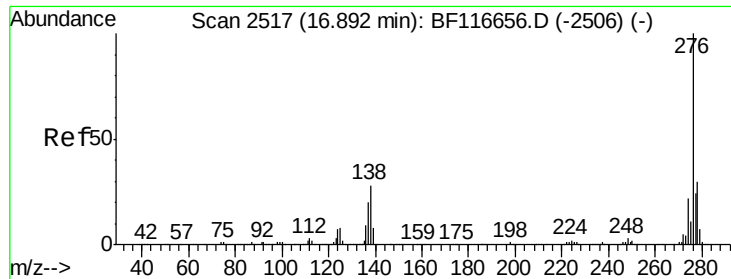
mohammad
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#83
Chrysene
Concen: 5.625 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.1	15.4	23.0





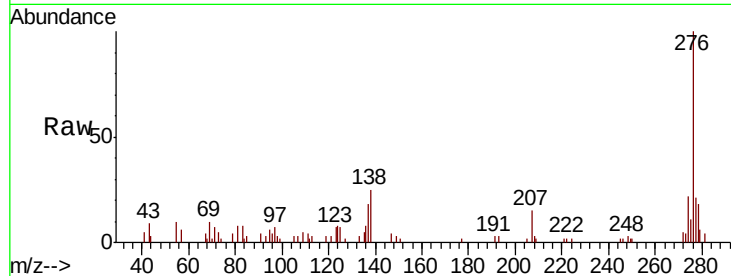
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.382 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	19.4	29.2
277	24.0	20.5	30.7

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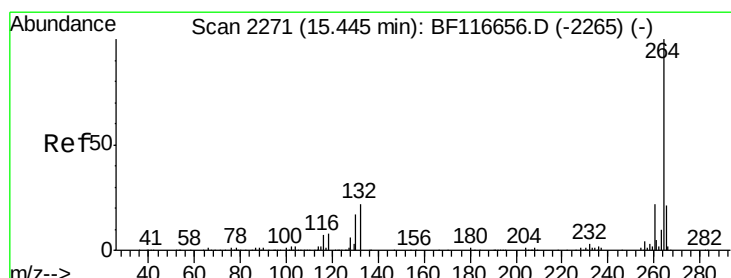
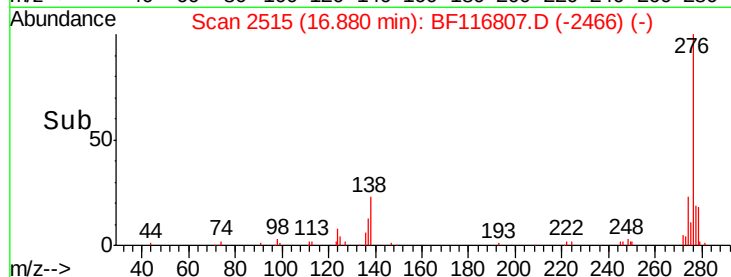
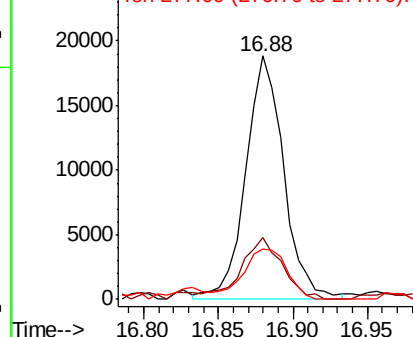


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

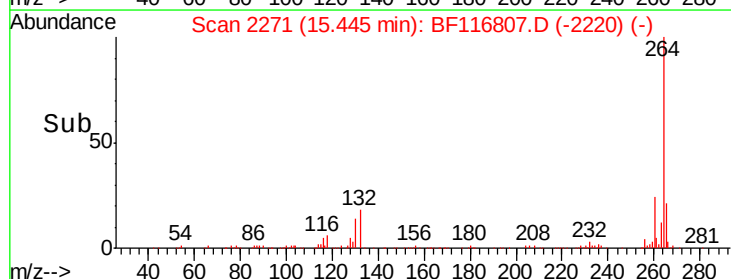
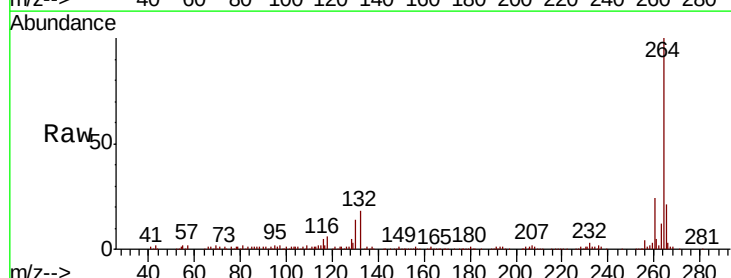
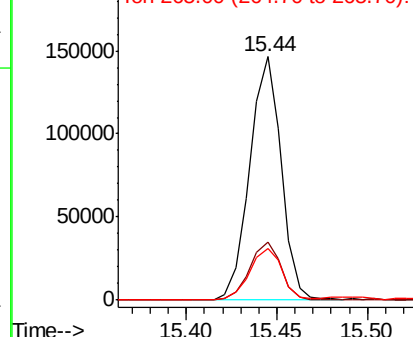
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.1	16.5	24.7

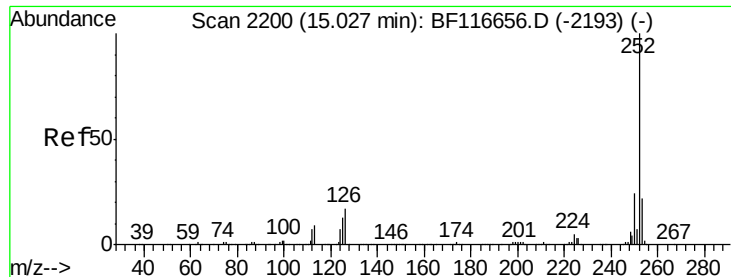
Abundance

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





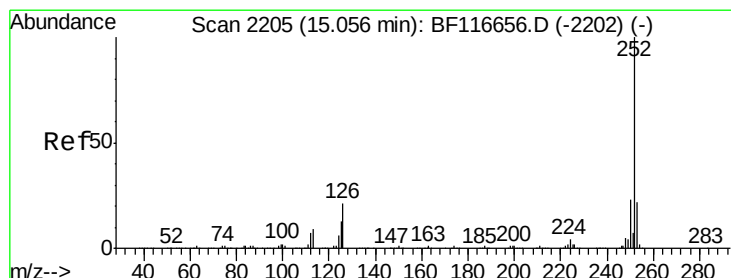
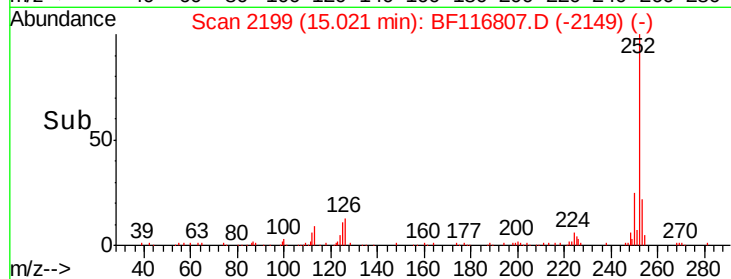
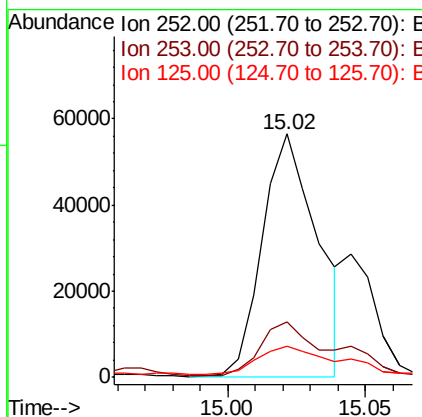
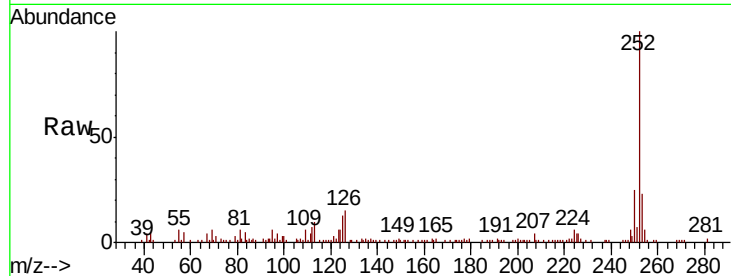
#88
Benzo(b)fluoranthene
Concen: 7.476 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	12.8	8.2	12.2

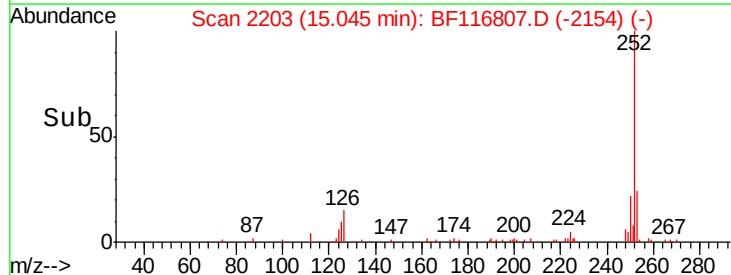
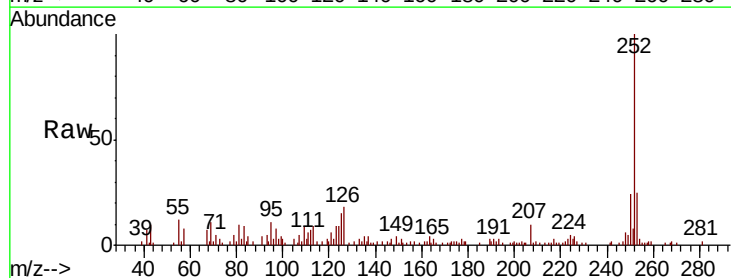
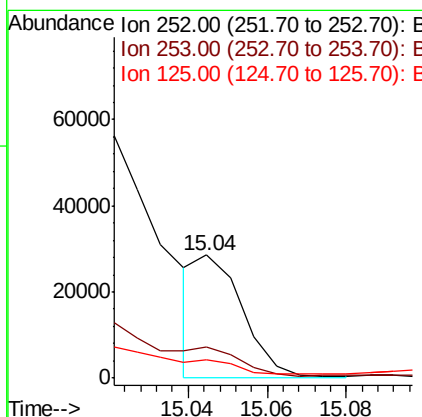
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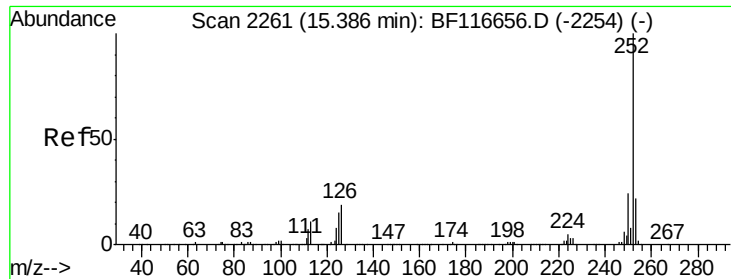
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#89
Benzo(k)fluoranthene
Concen: 2.390 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.7	26.5
125	14.9	8.6	13.0





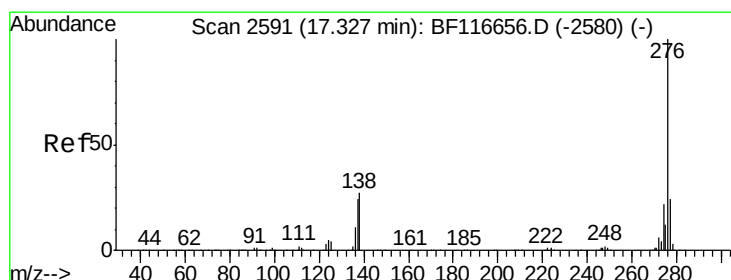
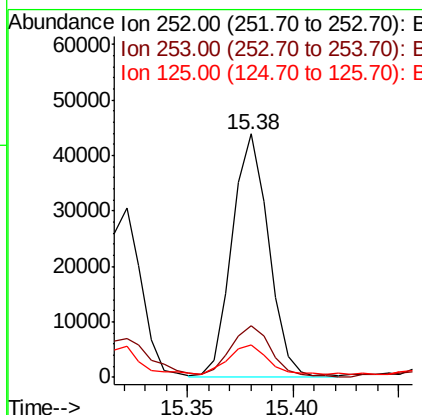
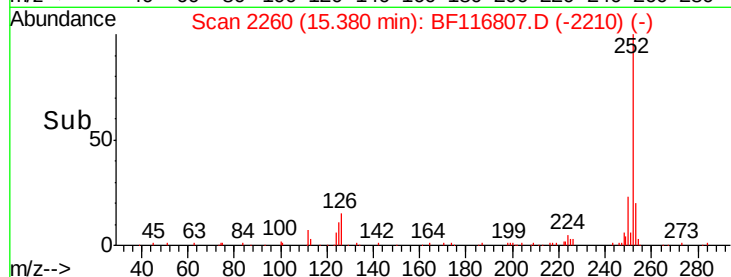
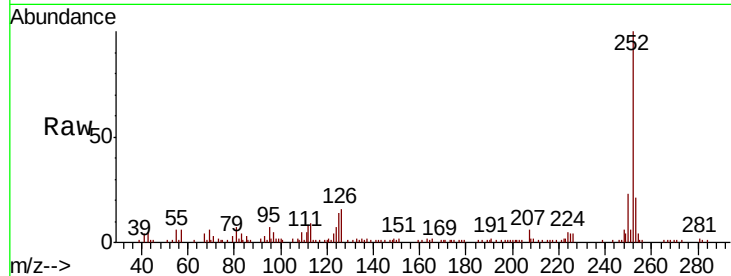
#90
Benzo(a)pyrene
Concen: 5.689 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PAR-11-C1-C4-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	13.6	9.8	14.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.692 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF116807.D
Acq: 4 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.0	18.5	27.7
138	22.0	16.2	24.2

