

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116750.D
 Acq On : 1 Sep 2019 18:42
 Operator : HP/JU
 Sample : K4547-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-B1-B4

Manual Integrations
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mohammad
 9/5/2019 9:54:41 AM

Quant Time: Sep 02 06:04:07 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	84098	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	333771	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	180287	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	333907	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	253764	20.00	ng	0.00
87) Perylene-d12	15.44	264	258063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	424390	81.75	ng	0.00
7) Phenol-d6	6.47	99	589995	86.55	ng	-0.01
23) Nitrobenzene-d5	7.40	82	346884	59.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	117148	97.20	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	576735	53.96	ng	-0.01
79) Terphenyl-d14	12.94	244	690795	50.36	ng	-0.01
Target Compounds						
10) Phenol	6.48	94	44198	5.856	ng	95
50) Dimethylphthalate	9.59	163	90781	7.293	ng	97
71) Phenanthrene	11.38	178	43263	2.328	ng	99
75) Fluoranthene	12.57	202	122624	6.713	ng	98
78) Pyrene	12.80	202	118569	5.256	ng	98
81) Benzo(a)anthracene	13.98	228	58550m	3.646	ng	
83) Chrysene	14.02	228	65026	3.930	ng	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	110650	8.171	ng	97
86) Indeno(1,2,3-cd)pyrene	16.88	276	33755	2.540	ng	95
88) Benzo(b)fluoranthene	15.02	252	87104m	5.583	ng	
90) Benzo(a)pyrene	15.37	252	53741	3.959	ng	# 94
92) Benzo(a,h,i)perylene	17.32	276	29373	2.424	ng	# 94

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

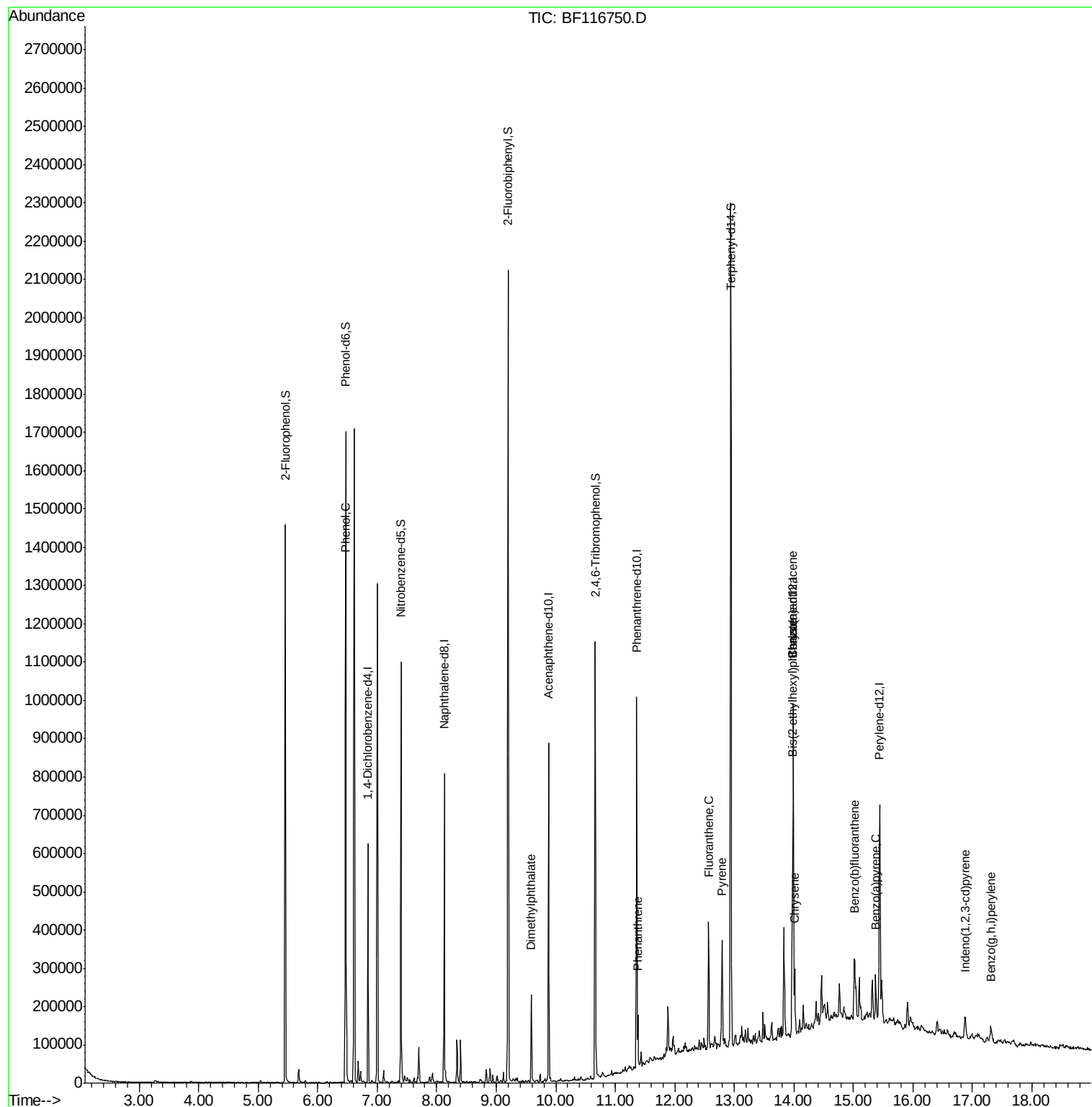
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
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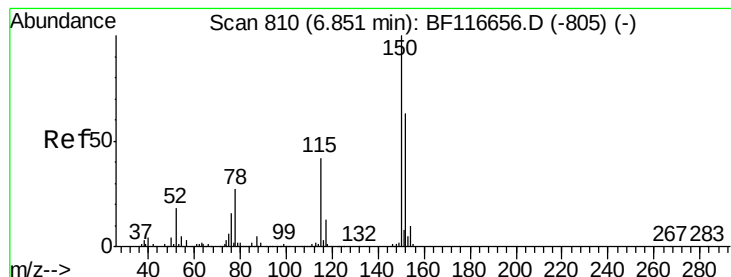
Instrument :
BNA_F
ClientSampleId :
T3-S-B1-B4

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
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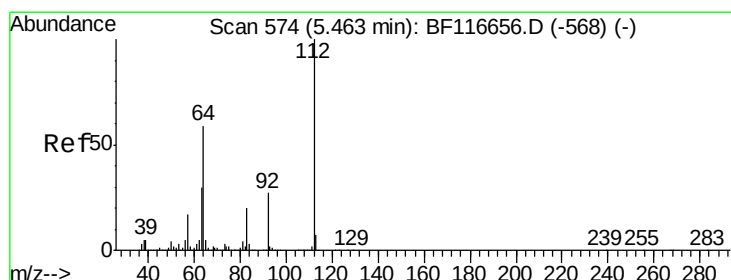
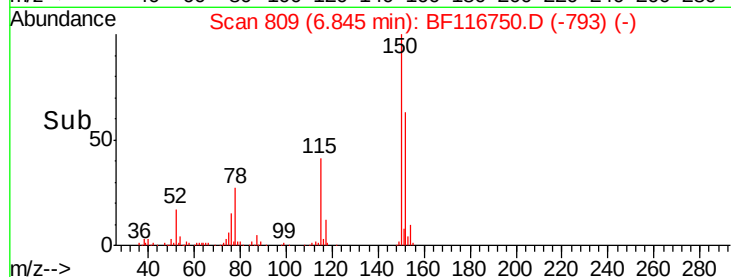
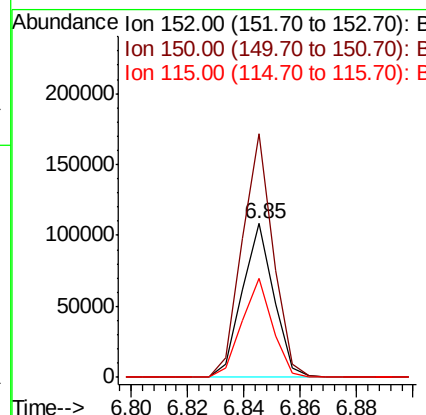
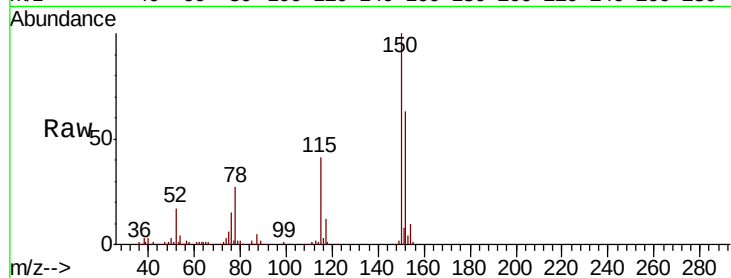
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF116750.D
 Acq: 1 Sep 2019 18:42

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-B1-B4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.4	186.6
115	64.3	49.9	74.9

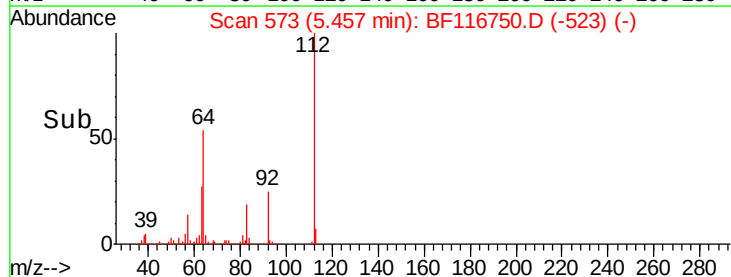
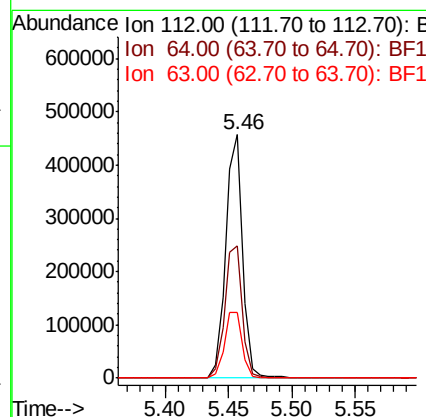
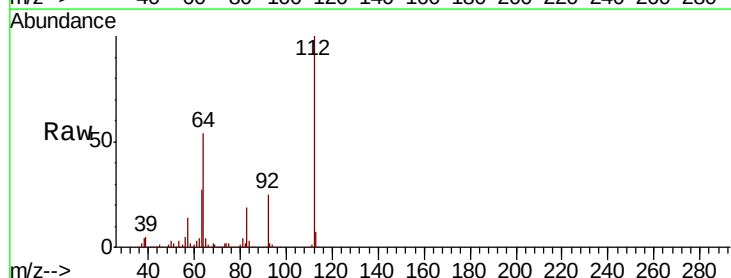
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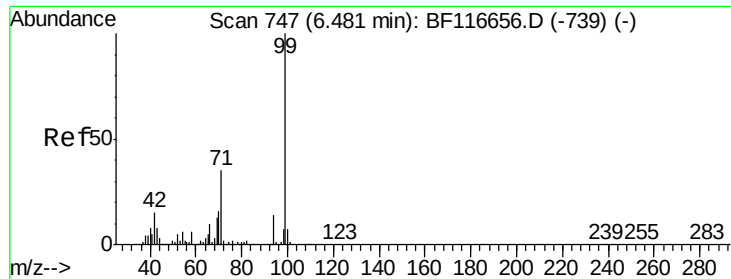
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#5
 2-Fluorophenol
 Concen: 81.754 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF116750.D
 Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.1	70.7
63	26.8	24.9	37.3





#7

Phenol-d6

Concen: 86.555 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Instrument :

BNA_F

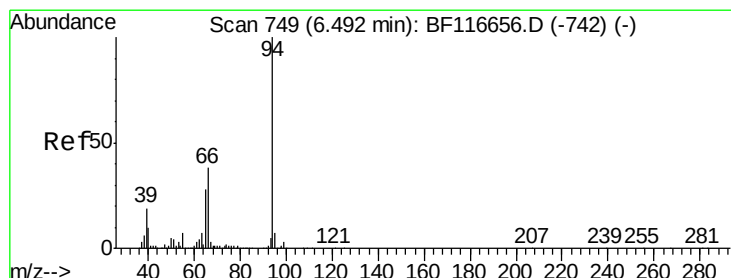
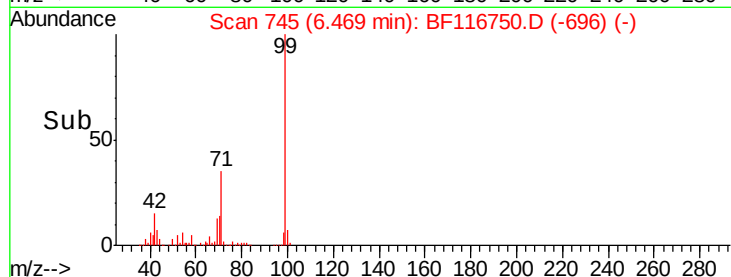
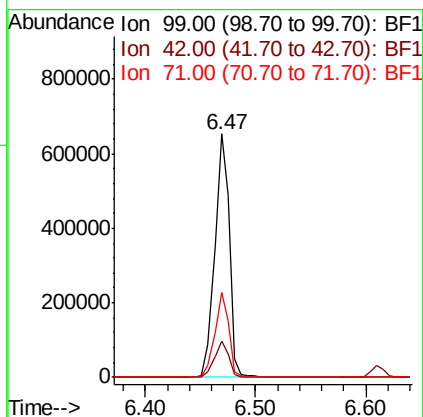
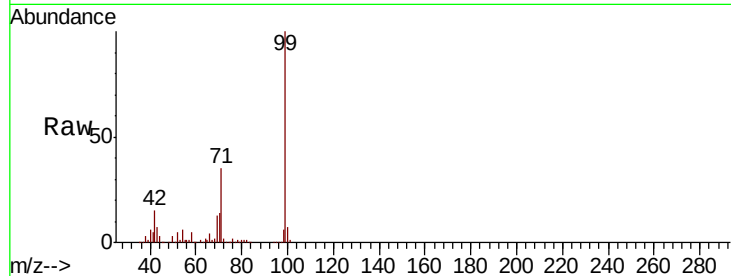
ClientSampleId :

T3-S-B1-B4

Tot Ion:	99	Resp:	589995
Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.7	20.5
71	35.0	30.8	46.2

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#10

Phenol

Concen: 5.856 ng

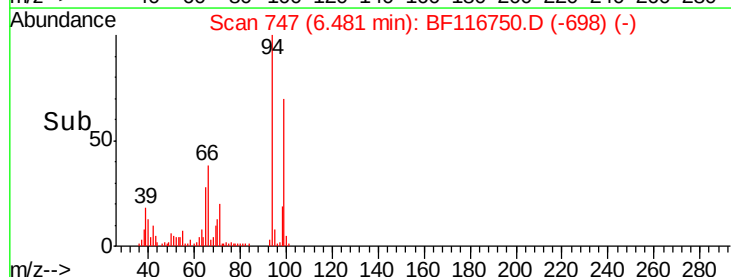
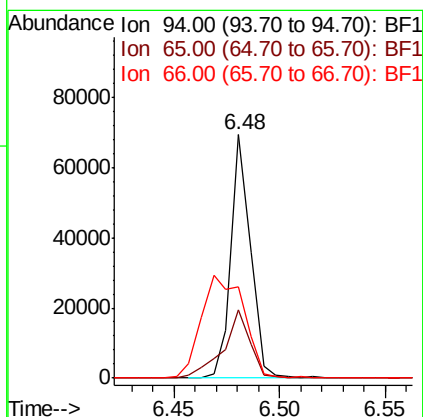
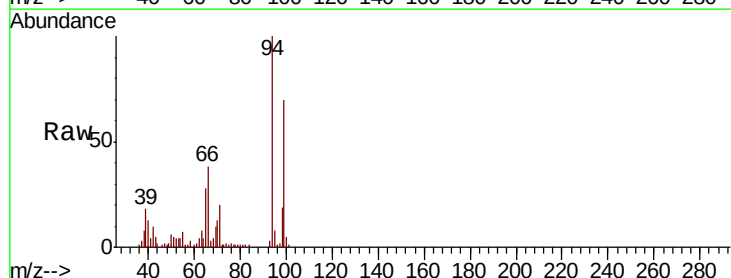
RT: 6.48 min Scan# 747

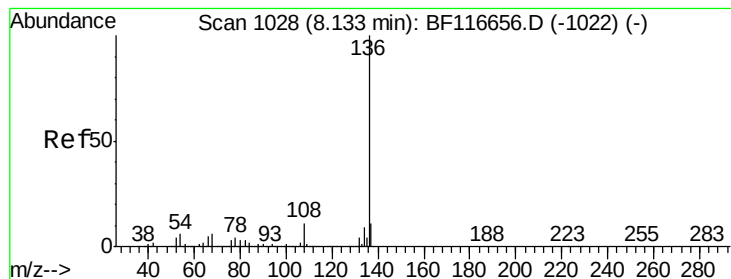
Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Tgt Ion:	94	Resp:	44198
Ion	Ratio	Lower	Upper
94	100		
65	28.1	10.8	50.8
66	37.7	21.1	61.1





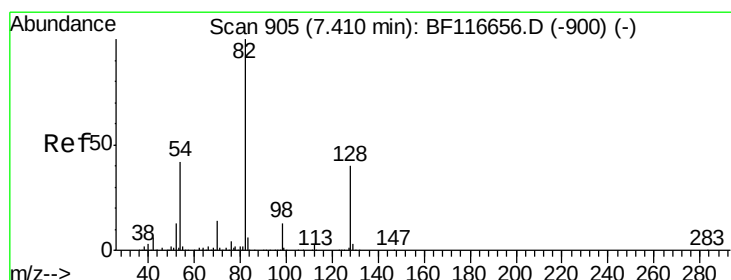
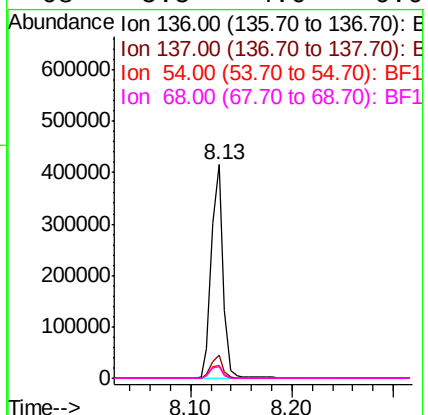
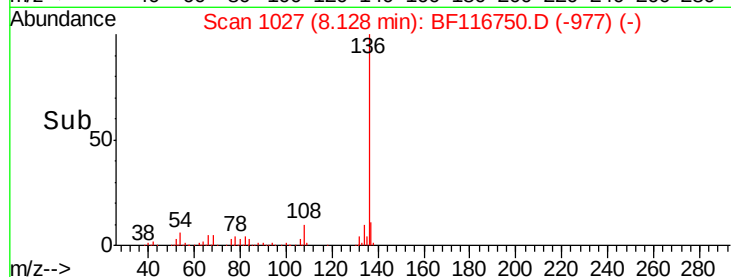
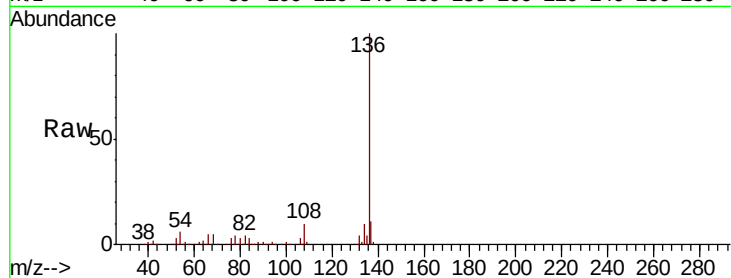
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :
T3-S-B1-B4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	333771		
137	10.9		8.9	13.3
54	5.8		4.8	7.2
68	5.5		4.0	6.0

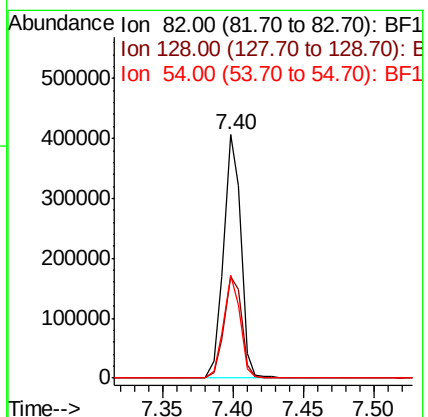
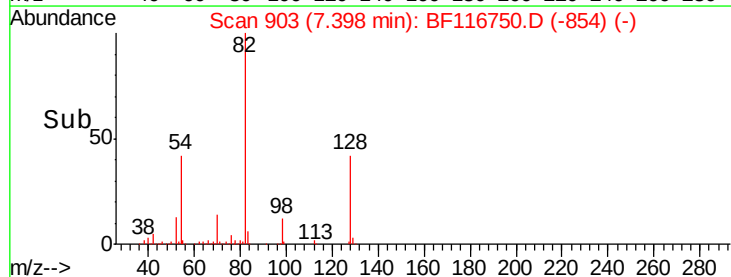
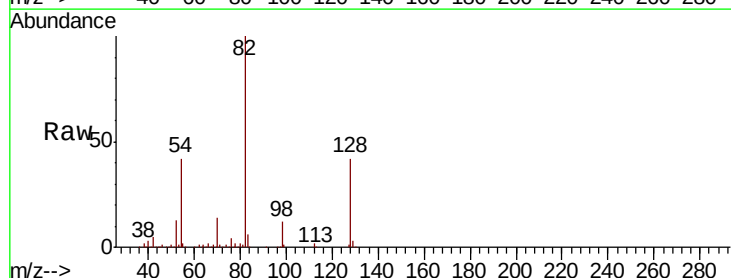
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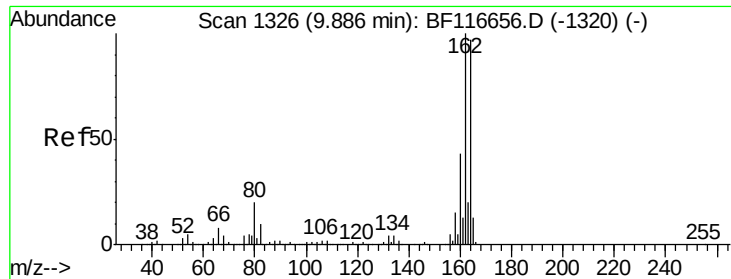
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#23
Nitrobenzene-d5
Concen: 59.330 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	346884		
128	41.8		32.8	49.2
54	42.0		36.9	55.3





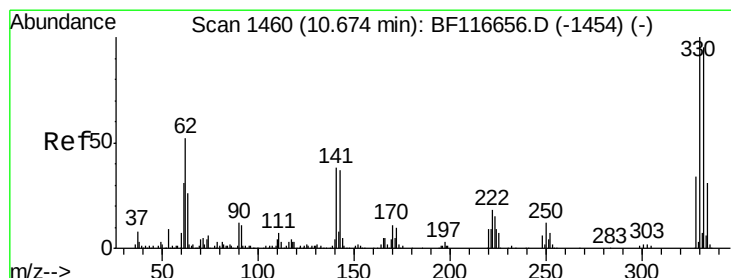
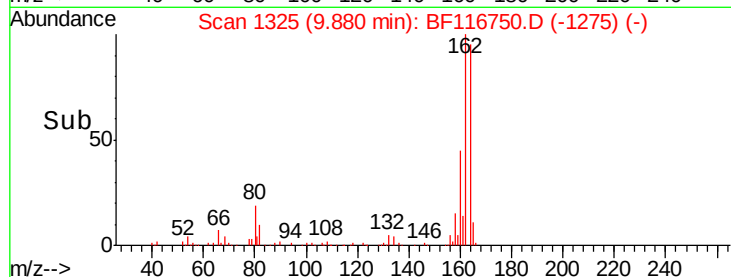
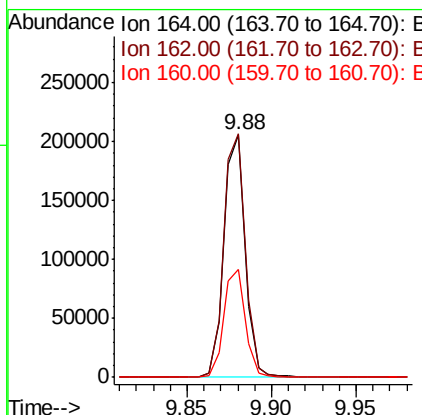
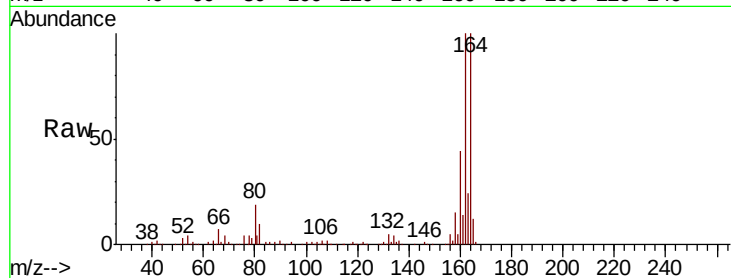
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :
T3-S-B1-B4

Tot Ion	Ratio	Resp	Lower	Upper
164	100	180287		
162	100.4		81.4	122.0
160	44.5		35.4	53.2

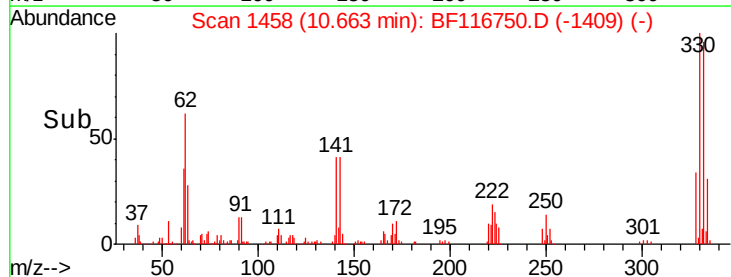
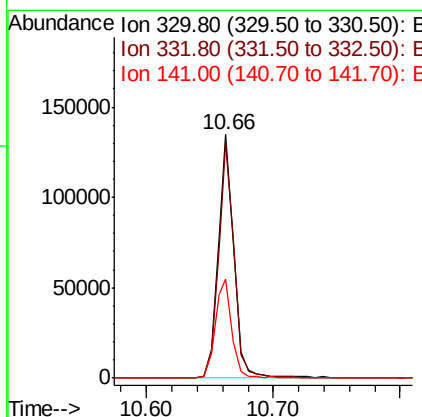
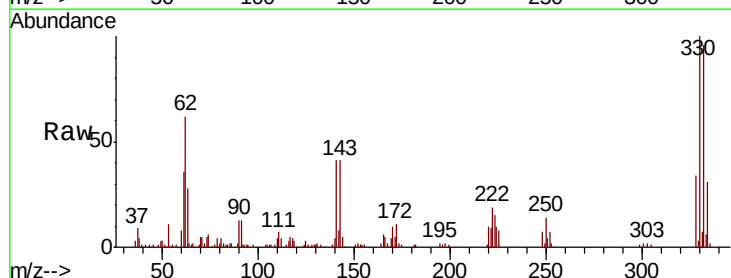
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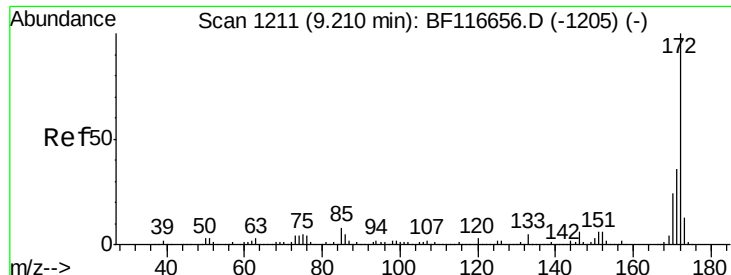
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#42
2,4,6-Tribromophenol
Concen: 97.198 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	117148		
332	96.9		76.9	115.3
141	43.5		31.4	47.2





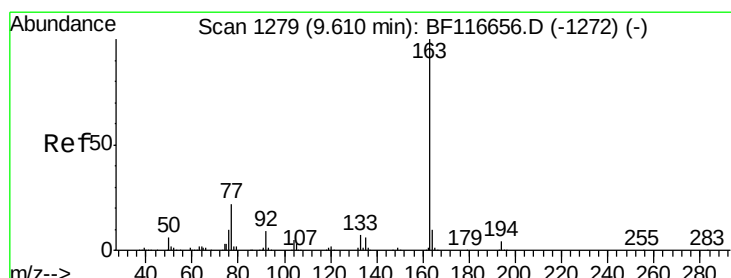
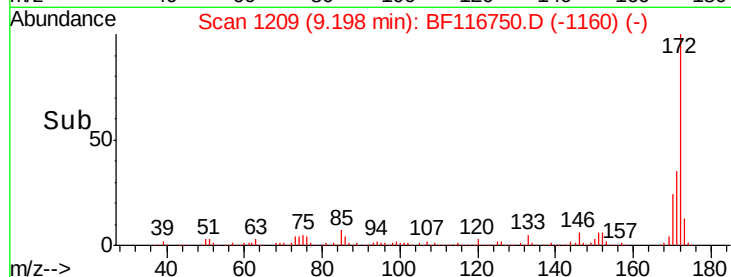
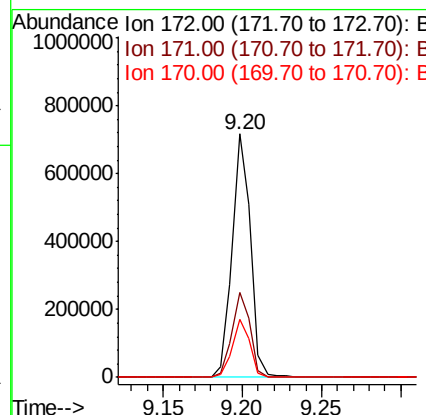
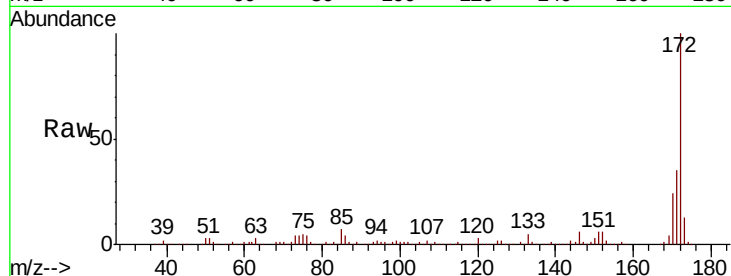
#45
2-Fluorobiphenyl
Concen: 53.963 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :
T3-S-B1-B4

Tot Ion	Ratio	Resp	Lower	Upper
172	100	576735		
171	34.7		27.8	41.6
170	23.7		18.9	28.3

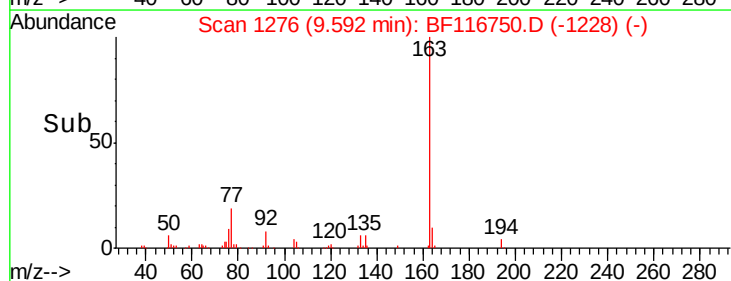
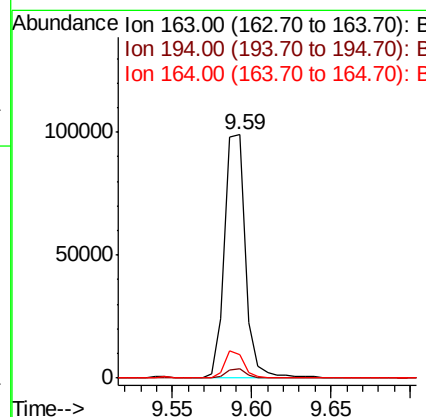
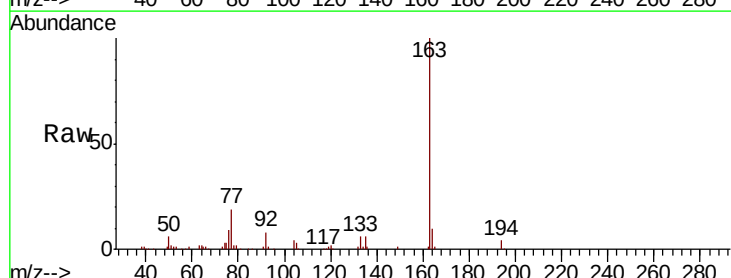
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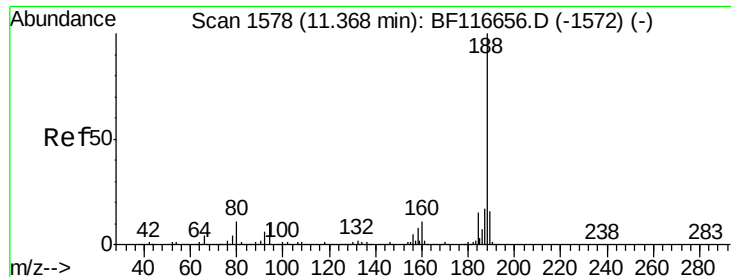
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#50
Dimethylphthalate
Concen: 7.293 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	90781		
194	4.1		2.8	4.2
164	9.6		8.6	12.8





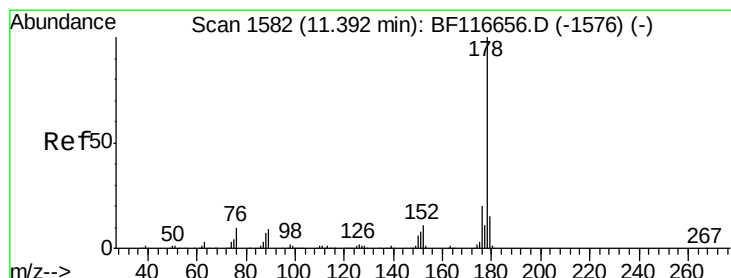
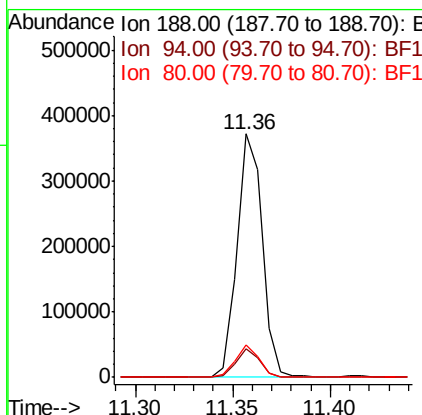
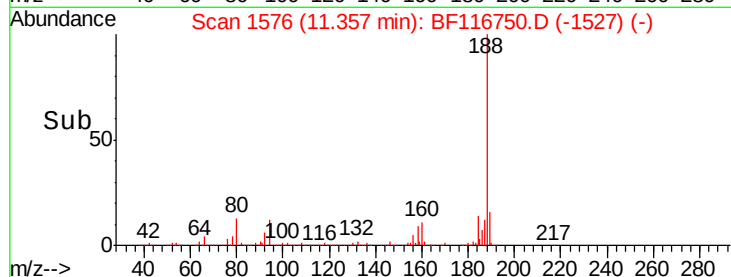
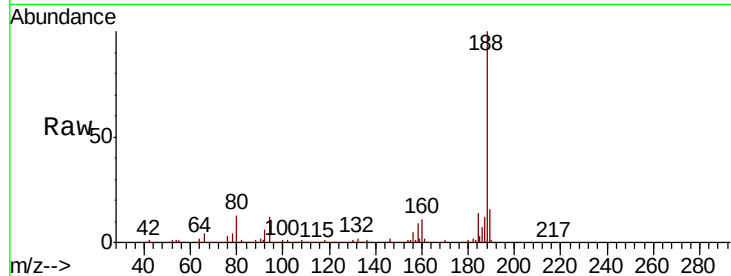
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :
T3-S-B1-B4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.8	7.3	10.9#
80	13.3	8.4	12.6#

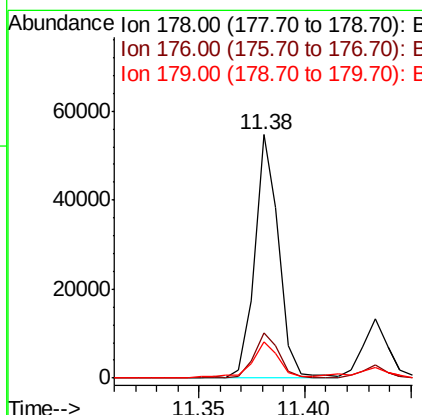
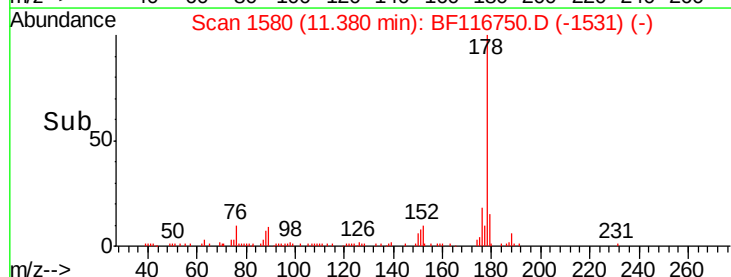
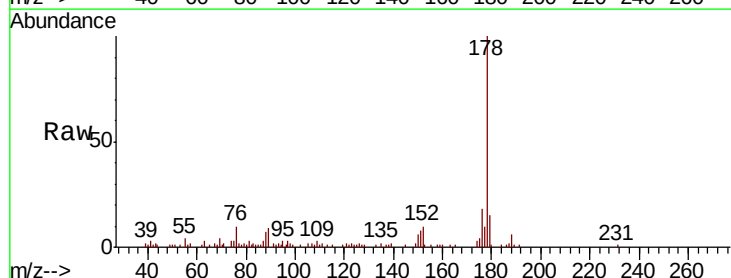
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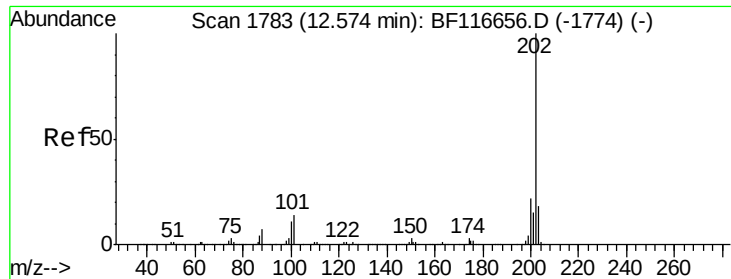
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#71
Phenanthrene
Concen: 2.328 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	15.4	23.0
179	14.9	12.2	18.2





#75

Fluoranthene

Concen: 6.713 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Instrument :

BNA_F

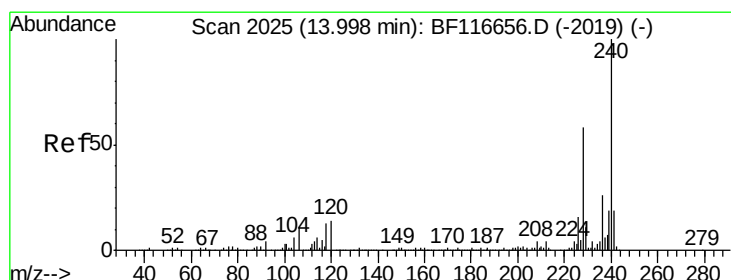
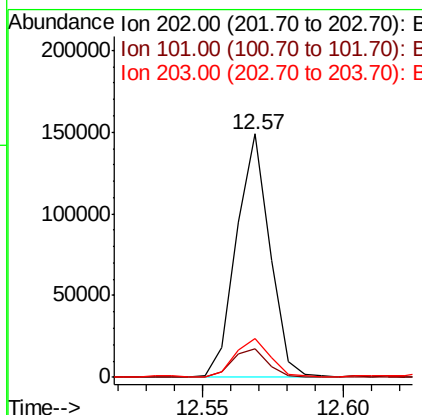
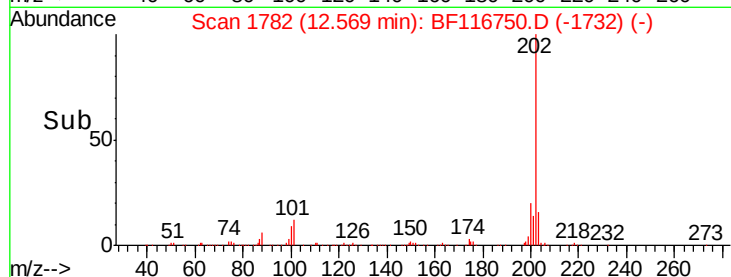
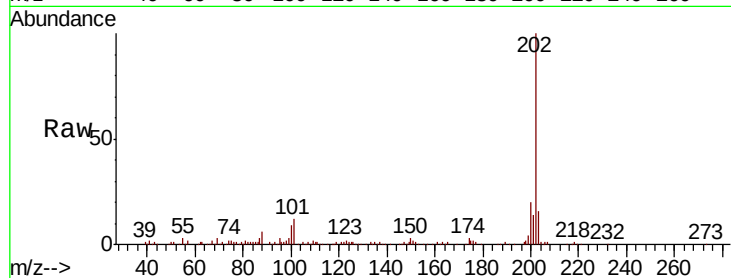
ClientSampleId :

T3-S-B1-B4

Tot Ion	Ratio	Resp	Lower	Upper
202	100	122624		
101	11.7	0.0	31.3	
203	16.2	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

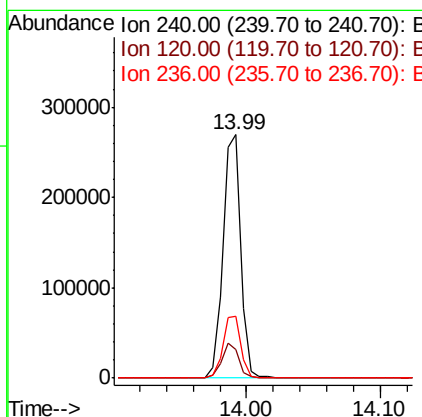
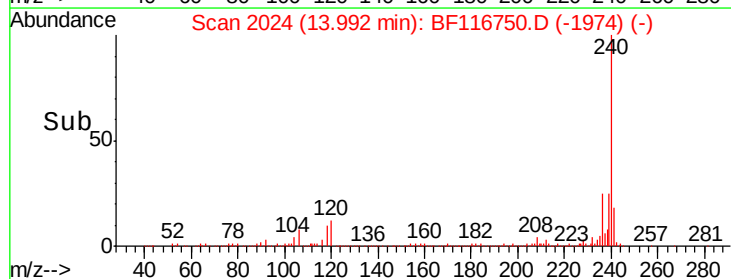
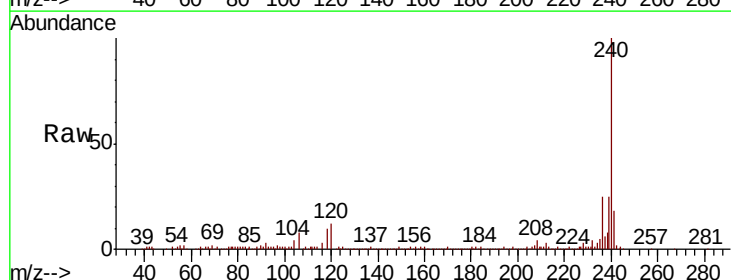
RT: 13.99 min Scan# 2024

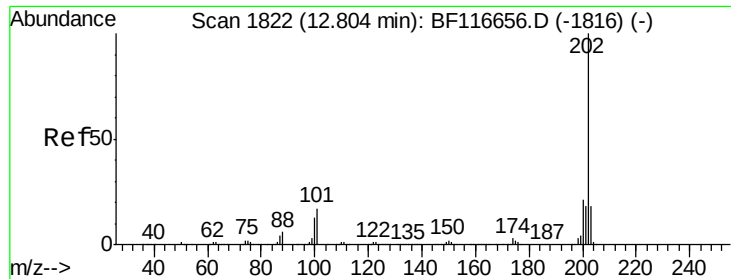
Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	253764		
120	11.9	9.1	13.7	
236	25.2	21.1	31.7	





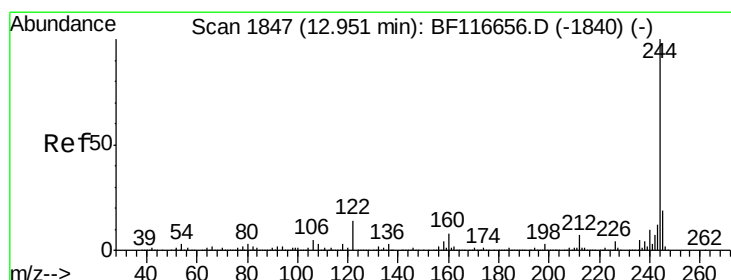
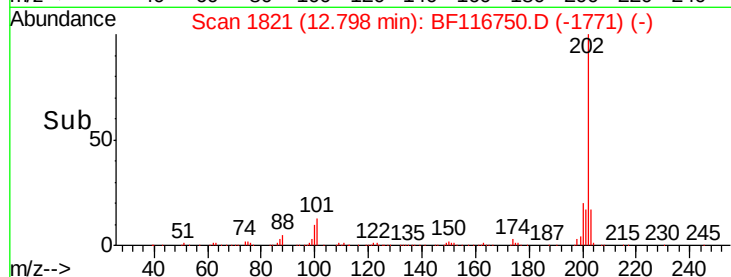
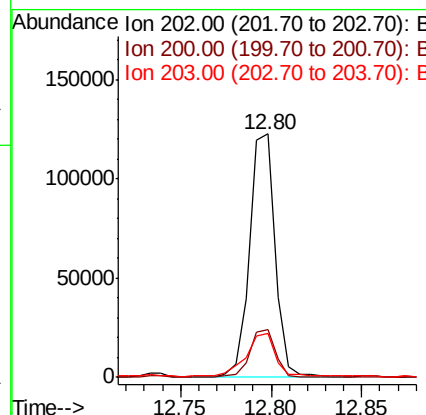
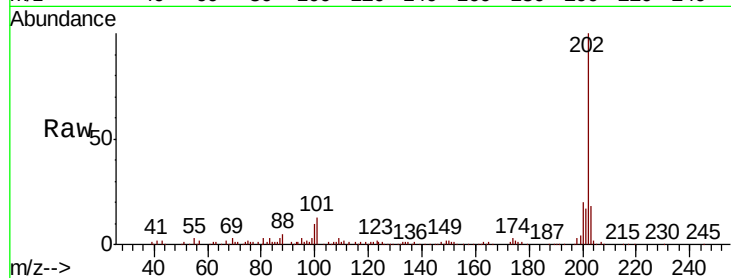
#78
Pvrene
Concen: 5.256 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :
T3-S-B1-B4

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.5	24.7
203	18.1	13.7	20.5

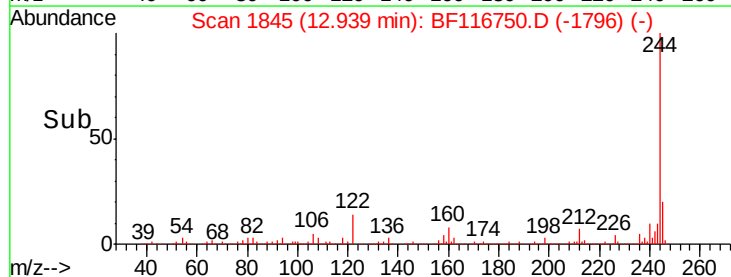
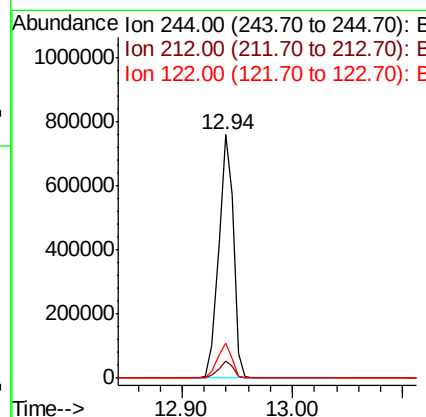
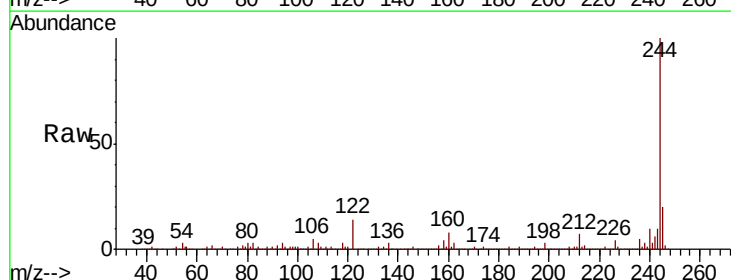
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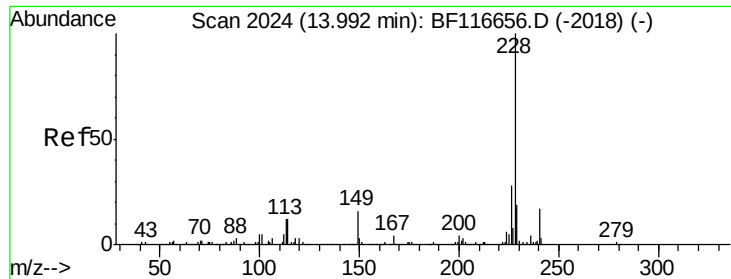
mohammad
9/5/2019 9:54:41 AM



#79
Terphenyl-d14
Concen: 50.359 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	14.5	10.2	15.4





#81

Benzo(a)anthracene

Concen: 3.646 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Instrument :

BNA_F

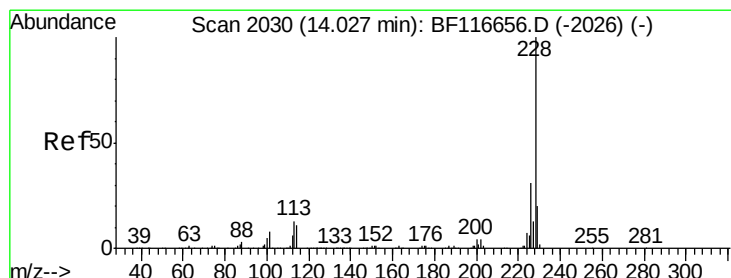
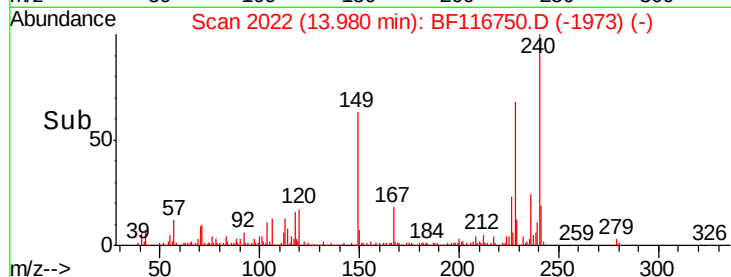
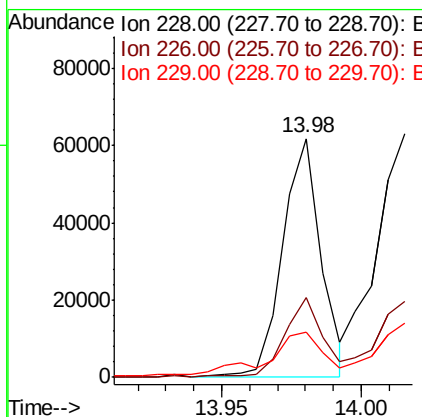
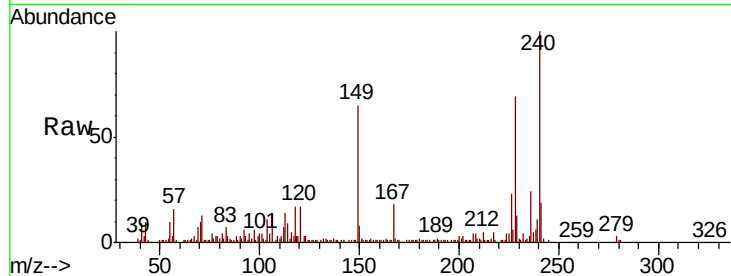
ClientSampleId :

T3-S-B1-B4

Tot Ion:	228	Resp:	58550
Ion Ratio	Lower	Upper	
228	100		
226	33.6	22.0	33.0#
229	19.1	16.4	24.6

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#83

Chrysene

Concen: 3.930 ng

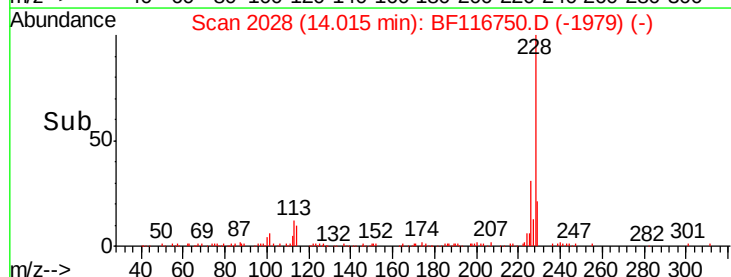
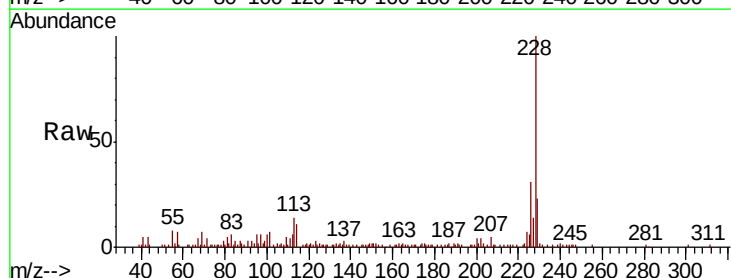
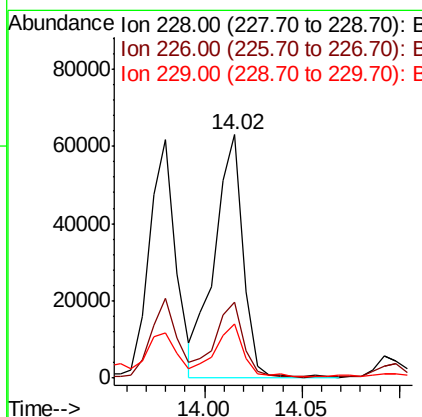
RT: 14.02 min Scan# 2028

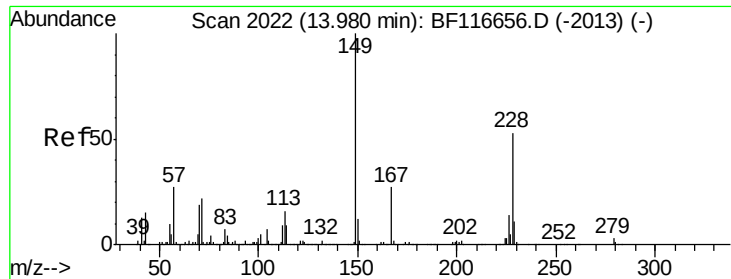
Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Tgt Ion:	228	Resp:	65026
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.0	36.0
229	22.5	15.4	23.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.171 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Instrument :

BNA_F

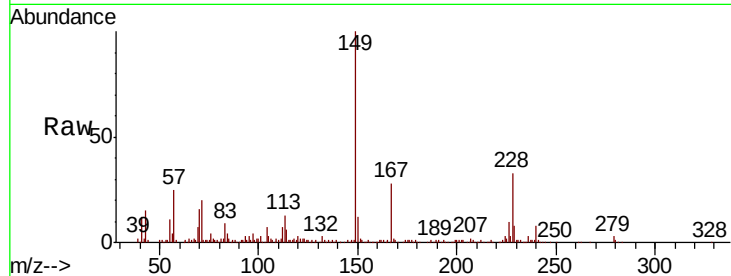
ClientSampleId :

T3-S-B1-B4

Tot Ion:	149	Resp:	110650
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.0	31.4
279	3.4	2.8	4.2

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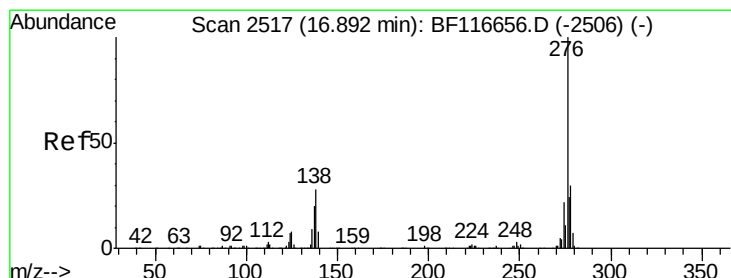
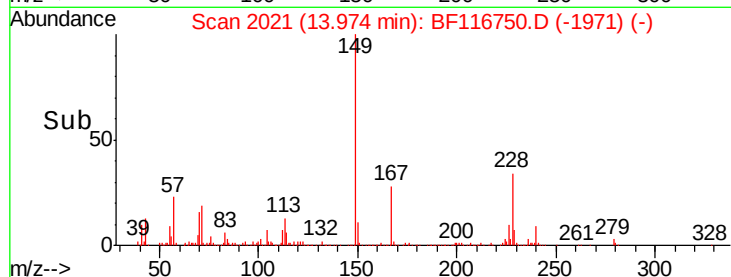
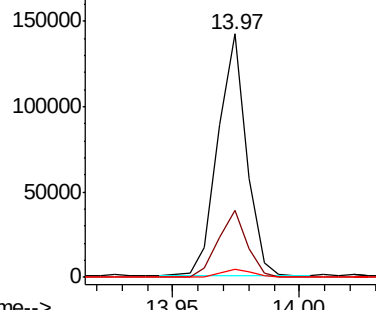


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.540 ng

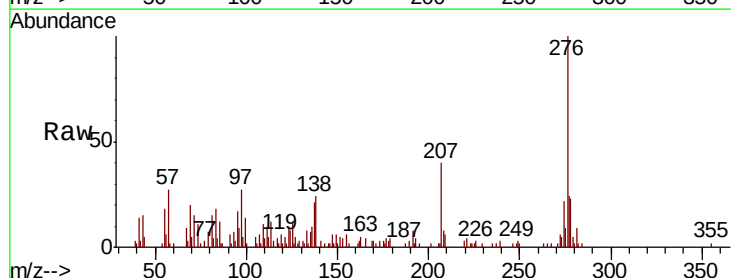
RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Tgt Ion:	276	Resp:	33755
Ion Ratio	Lower	Upper	
276	100		
138	28.9	19.4	29.2
277	25.7	20.5	30.7

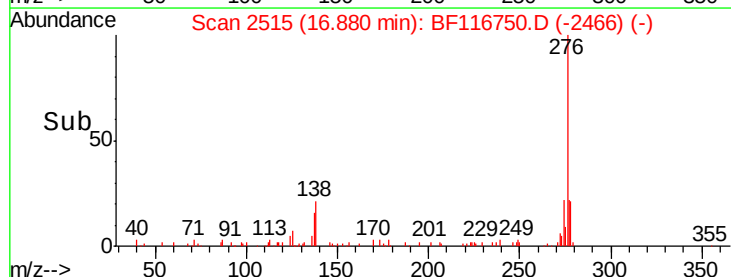
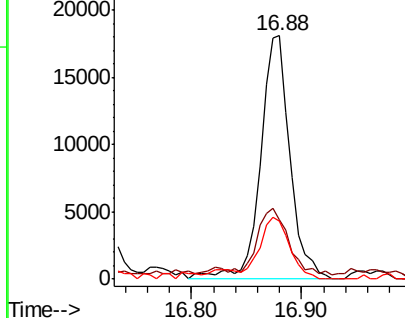


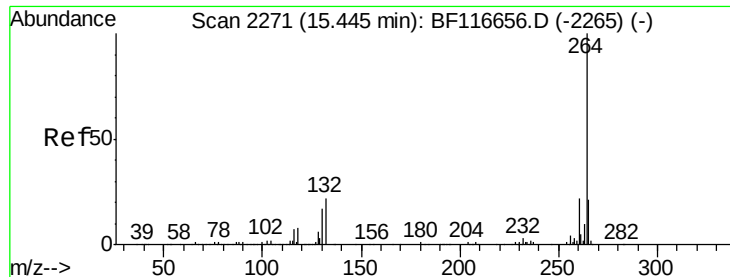
Abundance

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116750.D

Acq: 1 Sep 2019 18:42

Instrument :

BNA_F

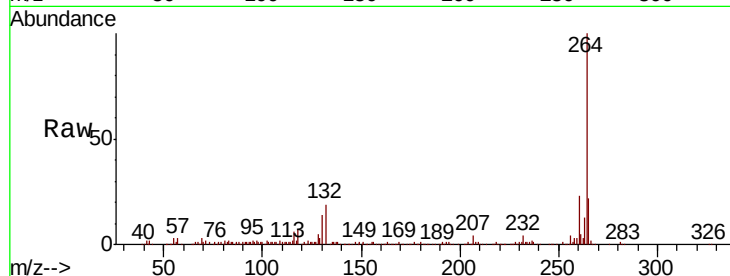
ClientSampled :

T3-S-B1-B4

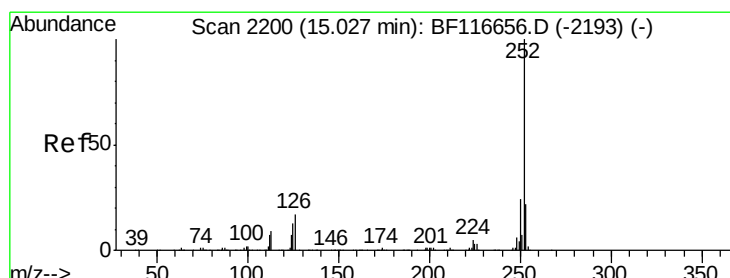
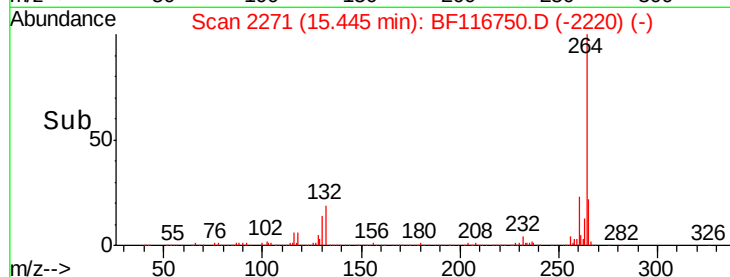
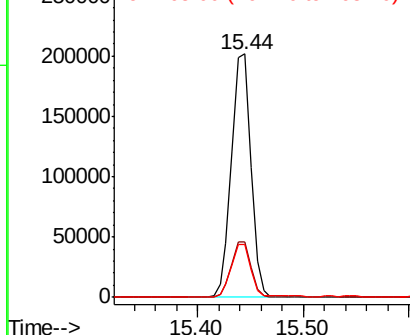
Tot Ion:	264	Resp:	258063
Ion Ratio		Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.8	16.5	24.7

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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: 5.583 ng m

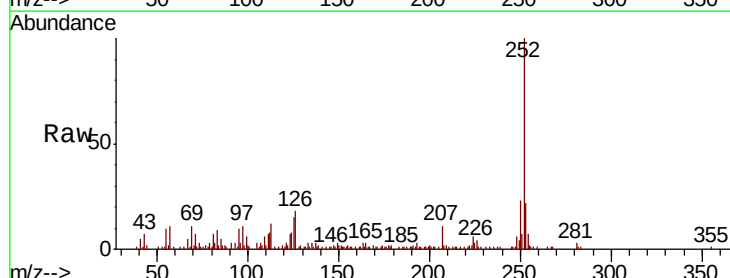
RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

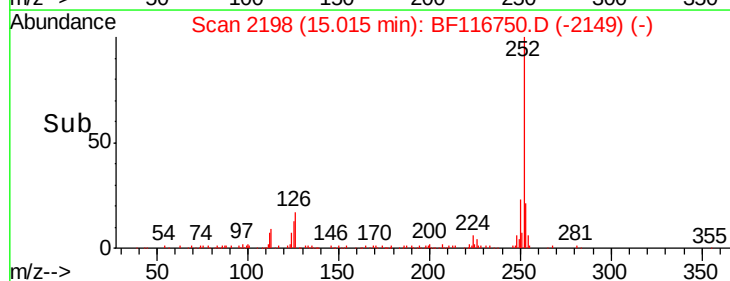
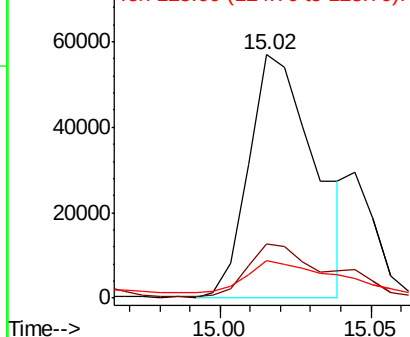
Lab File: BF116750.D

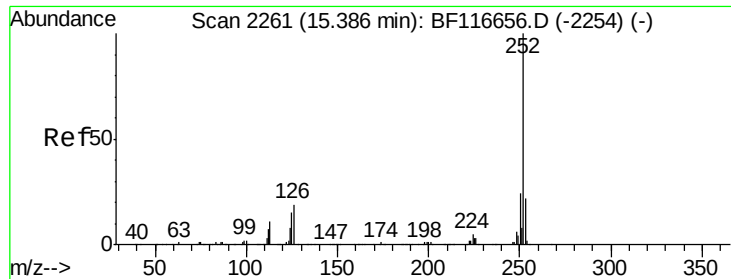
Acq: 1 Sep 2019 18:42

Tgt Ion:	252	Resp:	87104
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.7	26.5
125	15.4	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





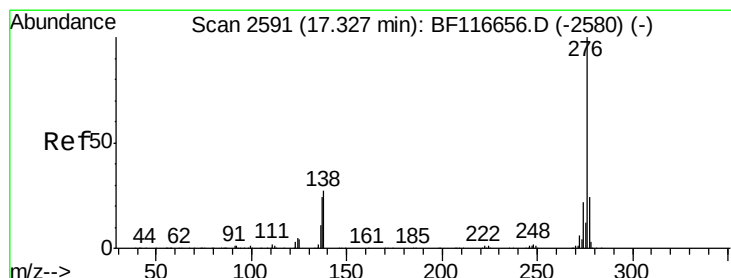
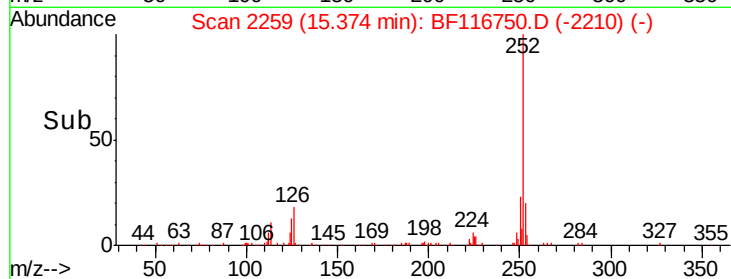
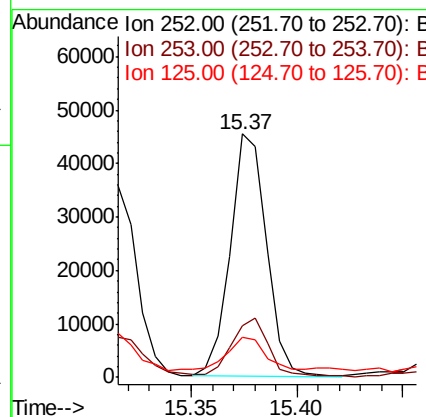
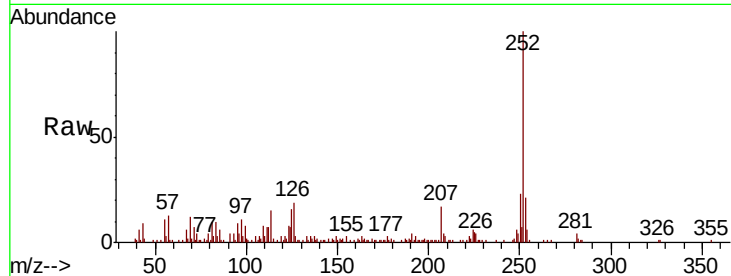
#90
Benzo(a)pyrene
Concen: 3.959 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :
T3-S-B1-B4

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	16.4	9.8	14.8

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#92
Benzo(g,h,i)perylene
Concen: 2.424 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF116750.D
Acq: 1 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	25.7	16.2	24.2

