

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112650.D
 Acq On : 21 Feb 2019 14:08
 Operator : JU/SJ
 Sample : K1547-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Manual Integrations
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 2/21/2019 3:59:52 PM

Quant Time: Feb 21 15:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 21 12:57:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93195	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	391700	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	195886	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	381286	20.00	ng	0.00
76) Chrysene-d12	14.00	240	254677	20.00	ng	0.00
87) Perylene-d12	15.47	264	241400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	200100	45.61	ng	0.00
7) Phenol-d6	6.47	99	267251	43.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	174660	25.69	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	95384	41.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	389103	28.09	ng	0.00
79) Terphenyl-d14	12.93	244	386468	28.58	ng	0.00
Target Compounds						
75) Fluoranthene	12.57	202	64366	3.027	ng	95
78) Pyrene	12.80	202	63008	3.573	ng	98
88) Benzo(b)fluoranthene	15.04	252	33629m	2.329	ng	

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

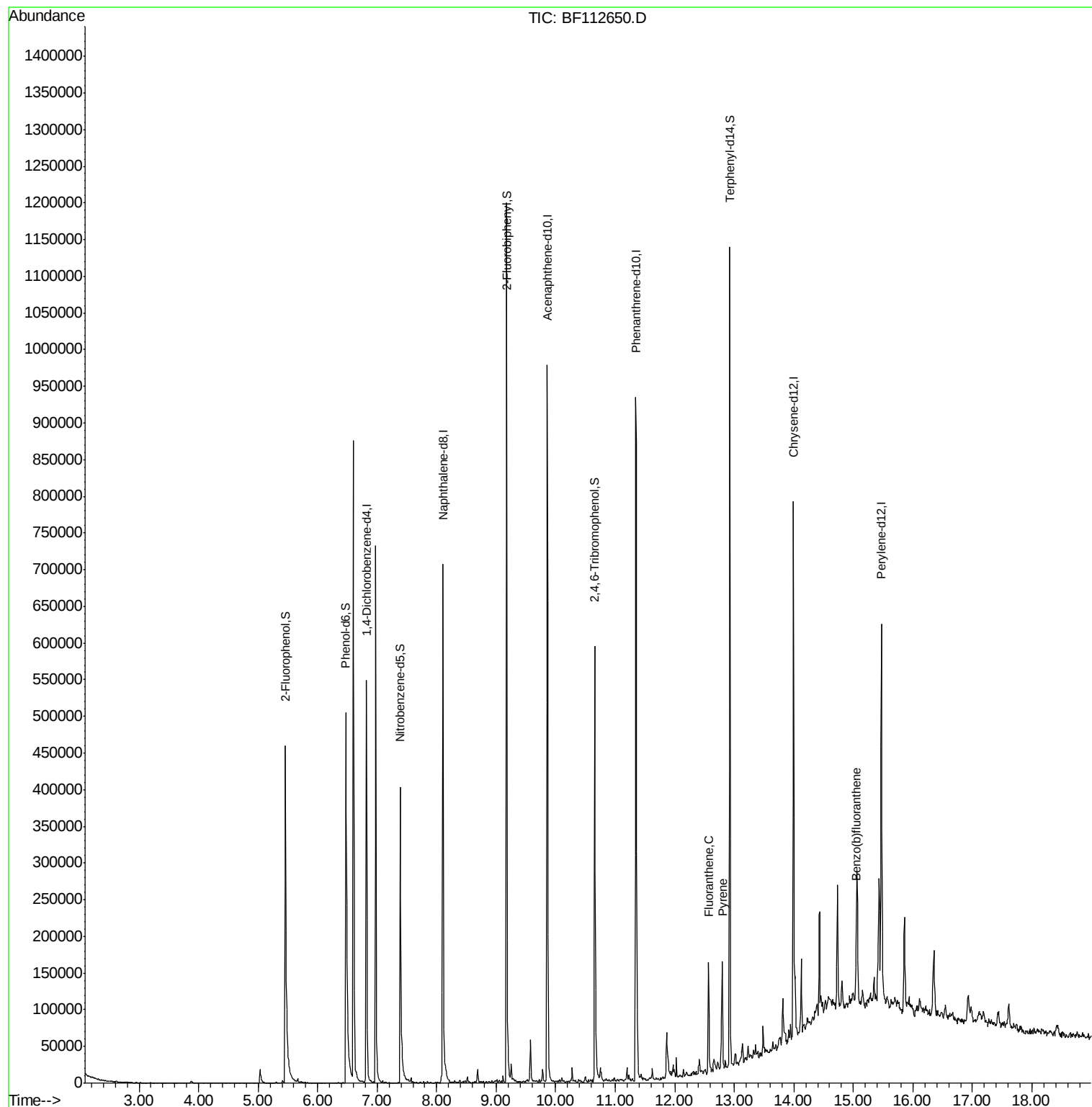
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
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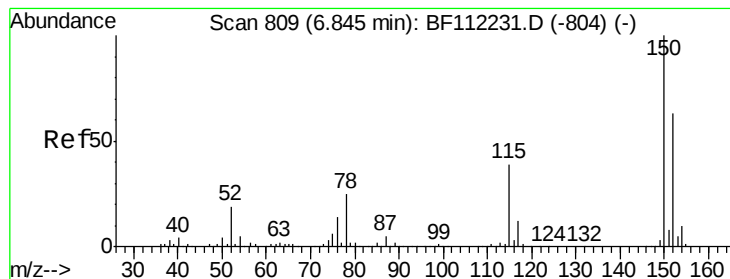
Instrument :
BNA_F
ClientSampleId :
TP-1-S

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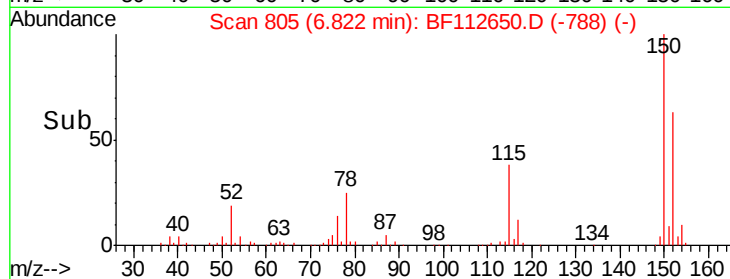
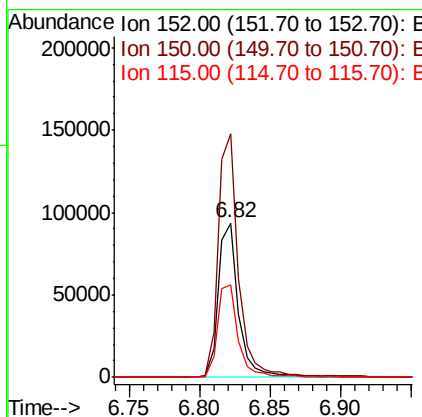
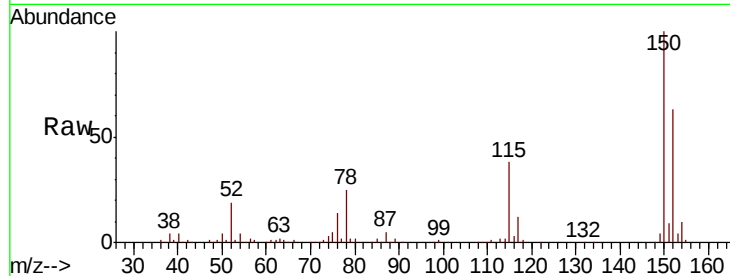
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.0
115	59.8	45.5	68.3

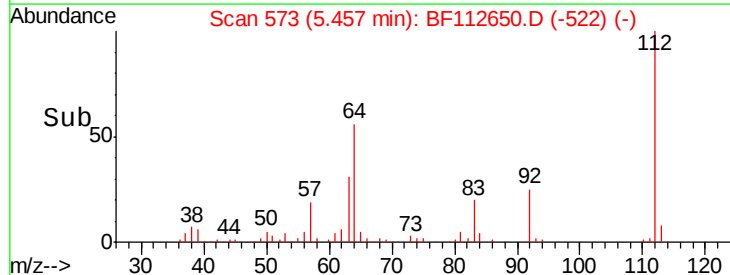
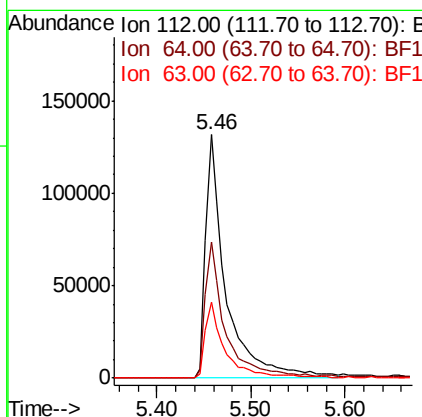
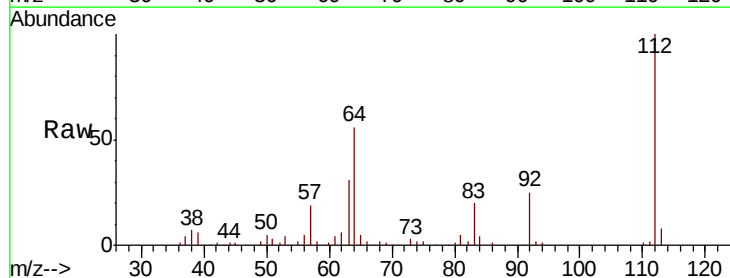
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#5
 2-Fluorophenol
 Concen: 45.606 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	31.0	23.6	35.4





#7

Phenol-d6

Concen: 43.835 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Instrument :

BNA_F

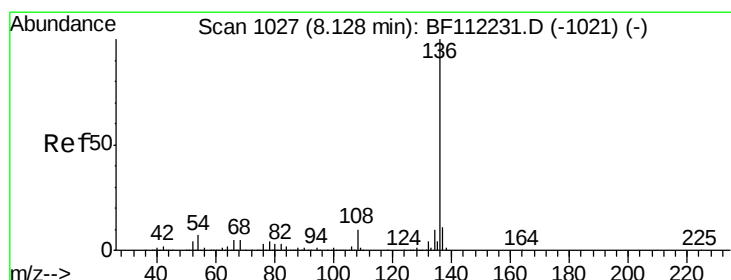
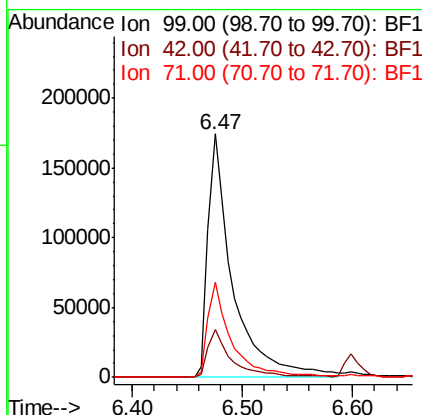
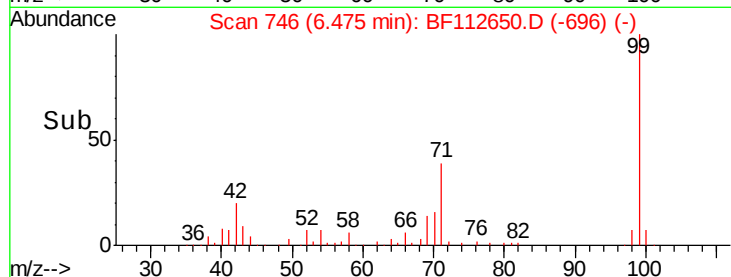
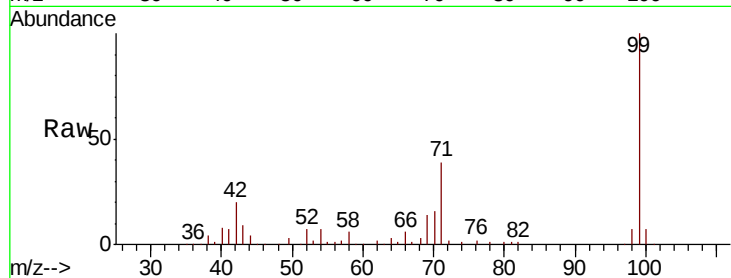
ClientSampled :

TP-1-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		267251		
42	19.7	15.1	22.7		
71	39.3	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

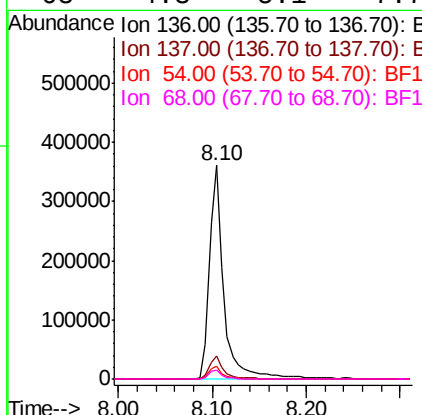
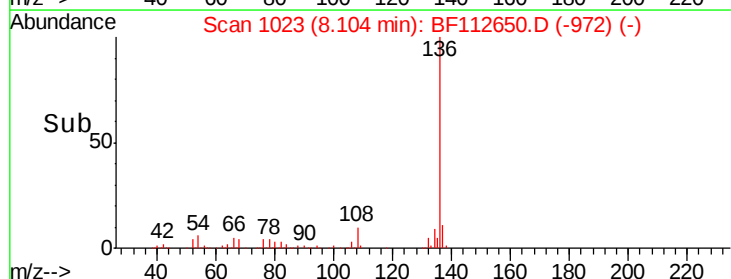
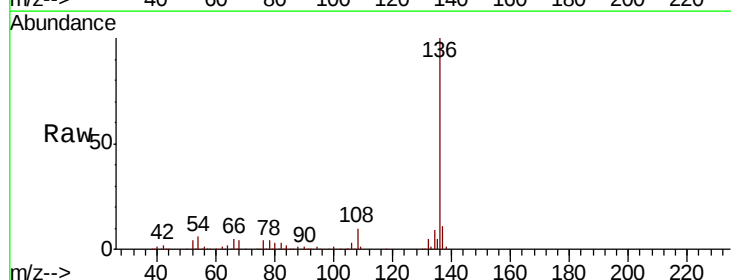
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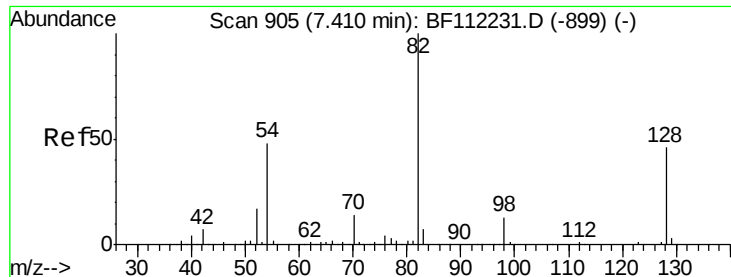
Delta R.T. 0.00 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		391700		
137	10.5	9.1	13.7		
54	5.7	5.9	8.9#		
68	4.3	5.1	7.7#		





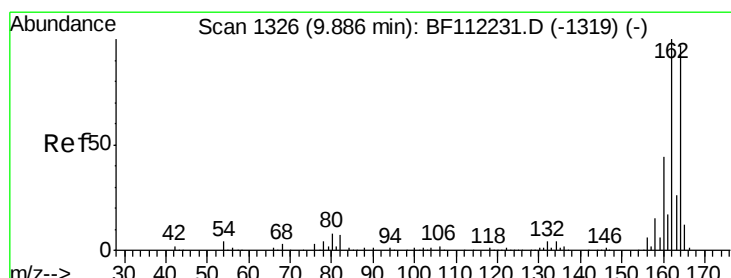
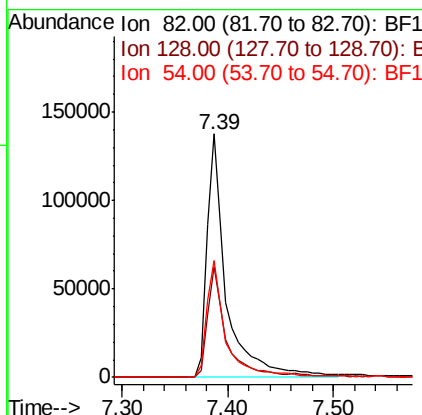
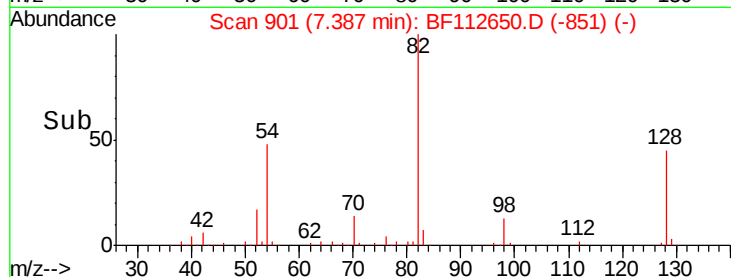
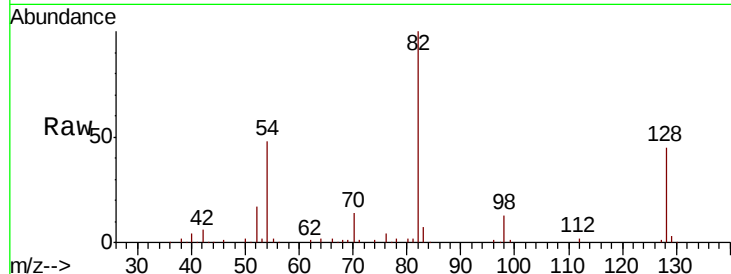
#23
 Nitrobenzene-d5
 Concen: 25.693 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	82	Resp	174660
Ion Ratio	100	Lower	Upper
82	100		
128	45.2	37.8	56.8
54	48.2	39.7	59.5

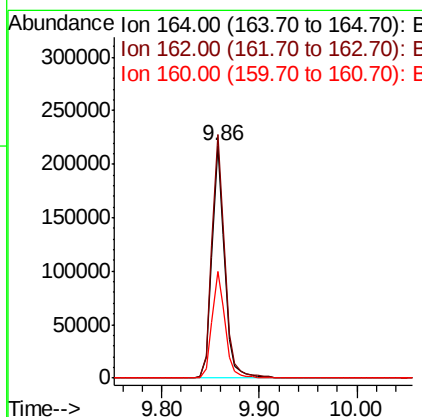
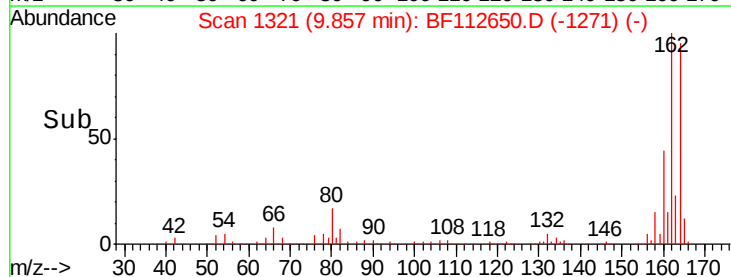
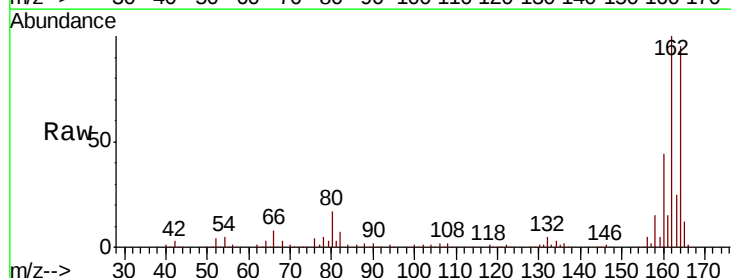
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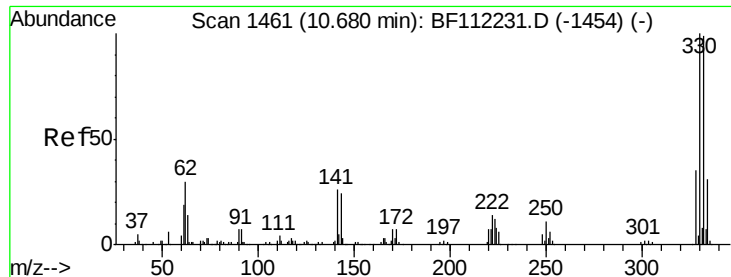
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Tgt Ion	164	Resp	195886
Ion Ratio	100	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	45.8	36.2	54.4





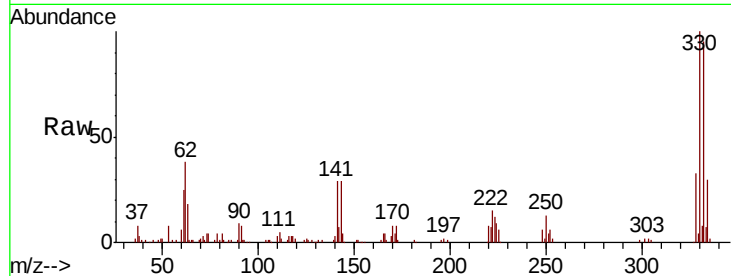
#42
 2,4,6-Tribromophenol
 Concen: 41.834 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	33.9	24.3	36.5

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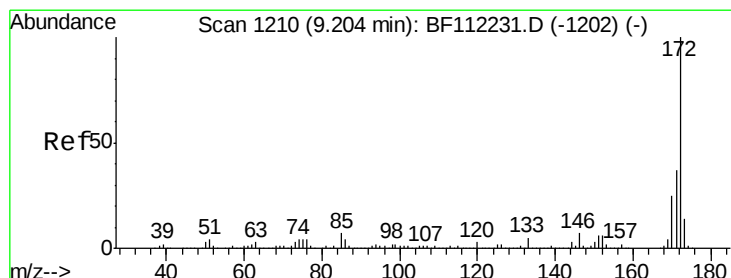
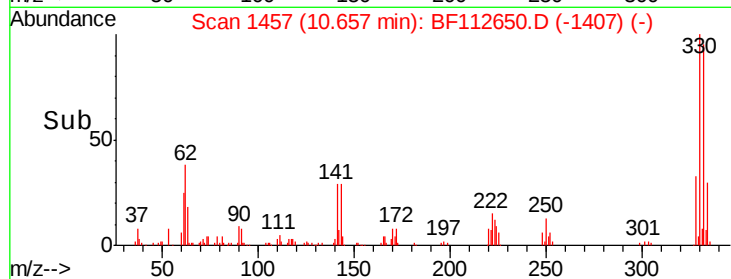
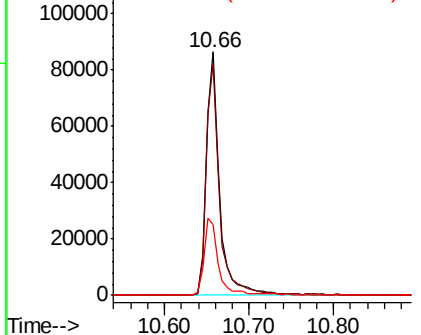


Abundance

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: 28.094 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

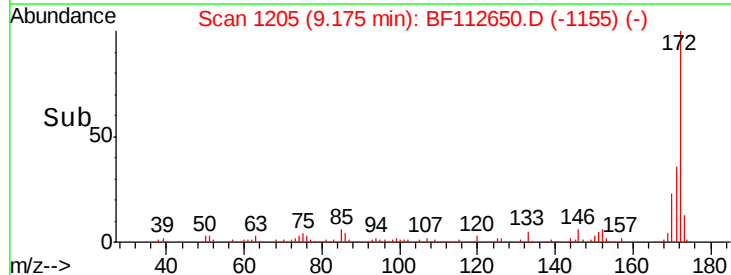
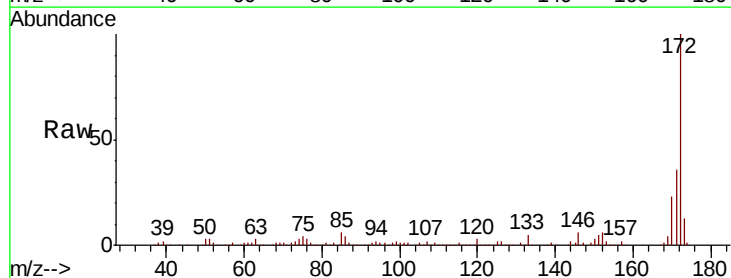
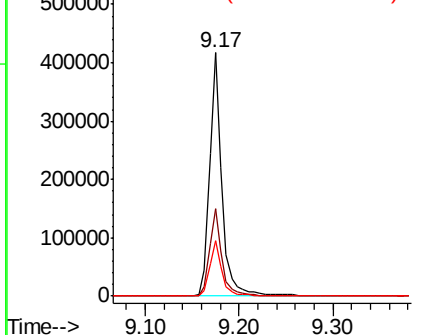
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	22.7	20.2	30.4

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





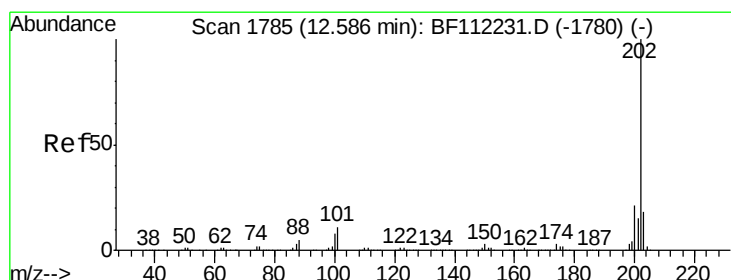
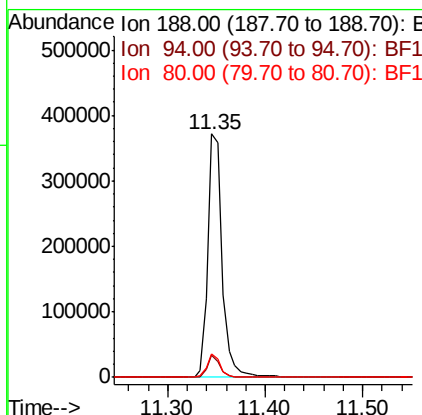
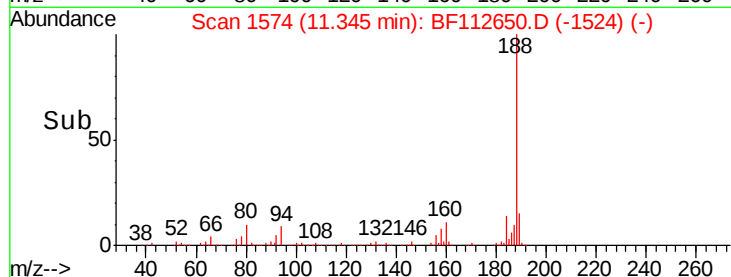
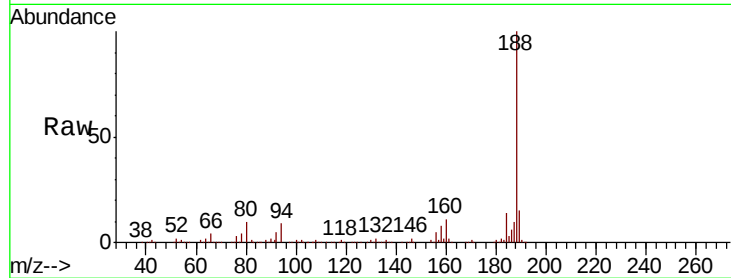
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	381286		
94	9.2		8.2	12.2
80	9.7		8.9	13.3

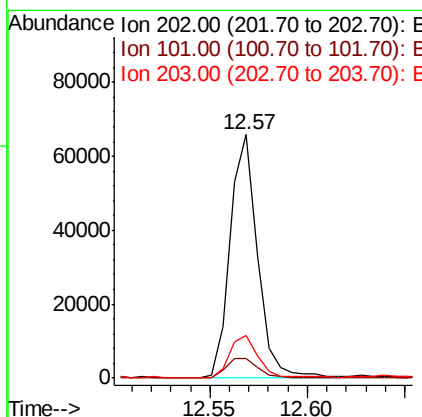
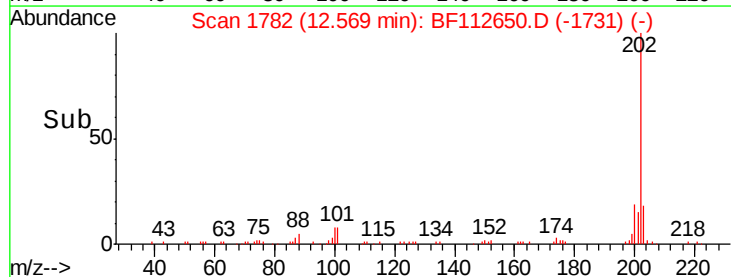
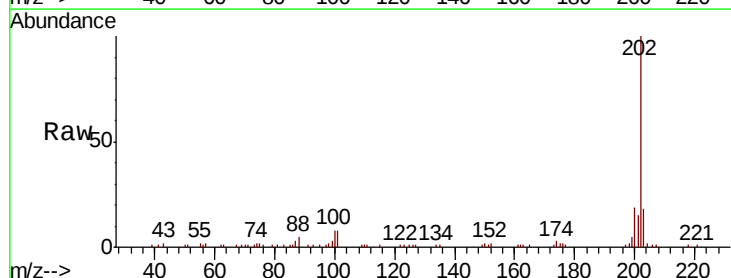
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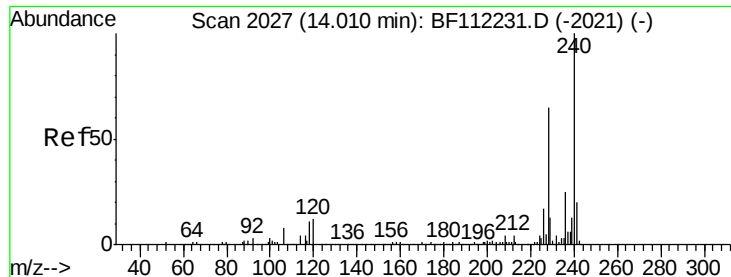
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#75
Fluoranthene
Concen: 3.027 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF112650.D
Acq: 21 Feb 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	64366		
101	8.2		0.0	31.8
203	17.5		0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Instrument :

BNA_F

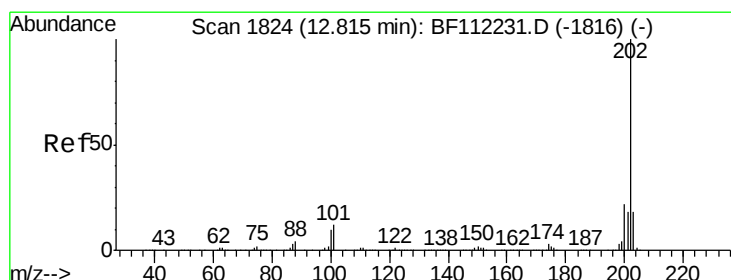
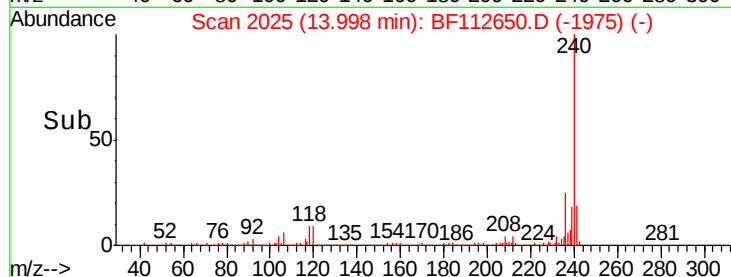
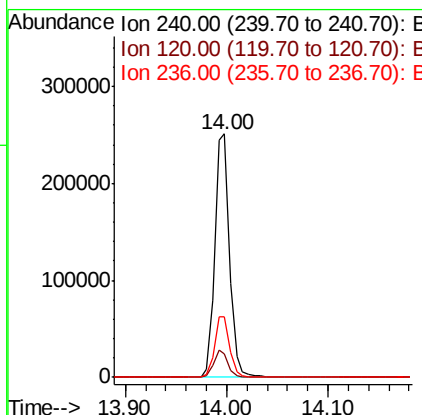
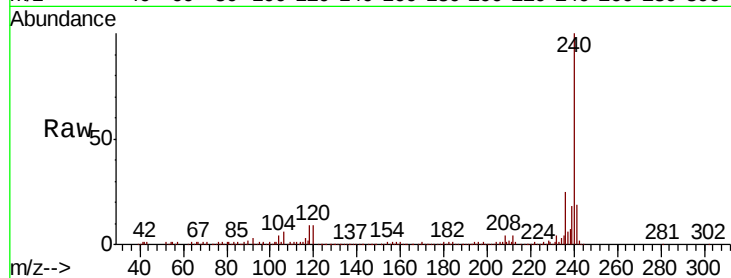
ClientSampleId :

TP-1-S

Tot Ion:	240	Resp:	254677
Ion Ratio	Lower	Upper	
240	100		
120	9.4	9.0	13.6
236	24.9	20.7	31.1

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#78

Pyrene

Concen: 3.573 ng

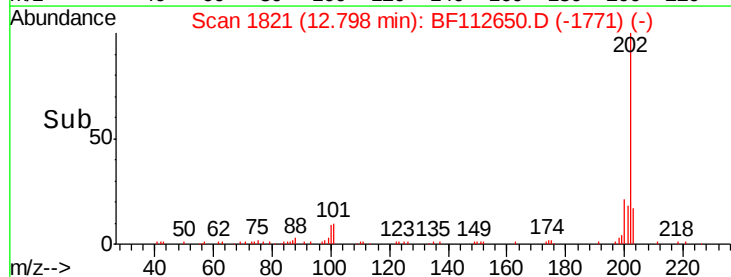
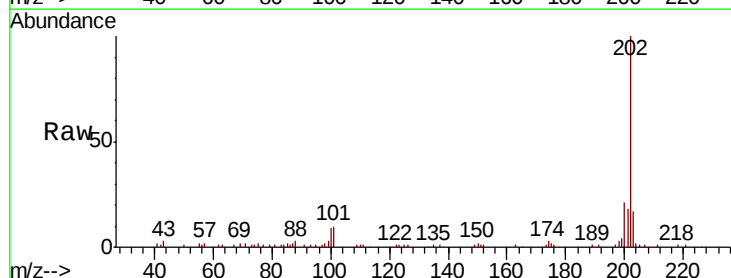
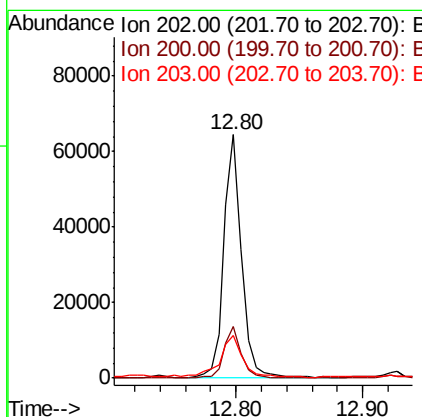
RT: 12.80 min Scan# 1821

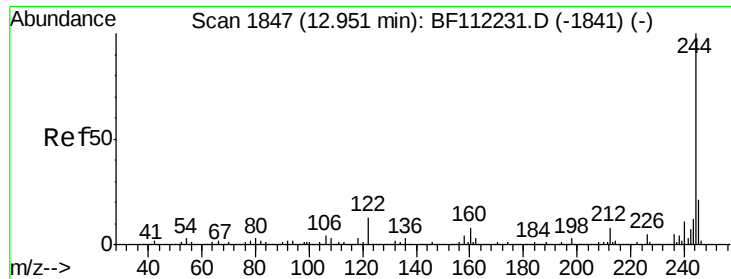
Delta R.T. -0.01 min

Lab File: BF112650.D

Acq: 21 Feb 2019 14:08

Tgt Ion:	202	Resp:	63008
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	17.3	14.6	22.0





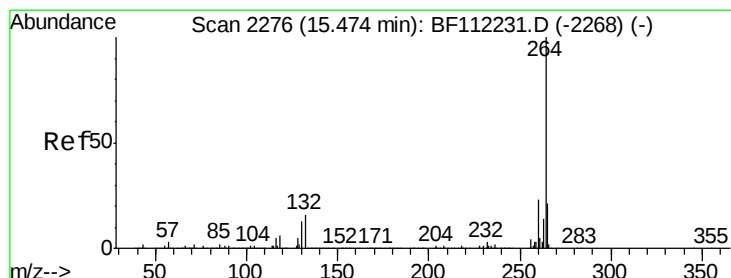
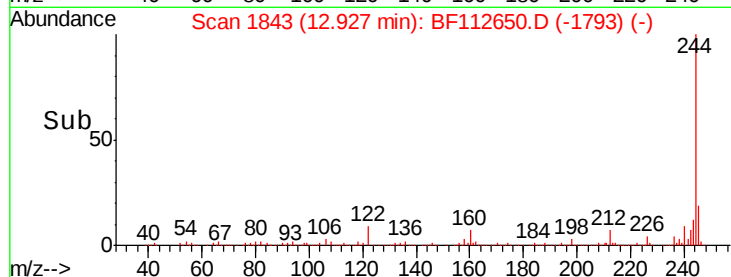
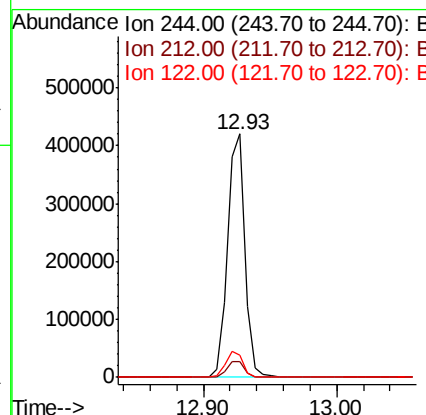
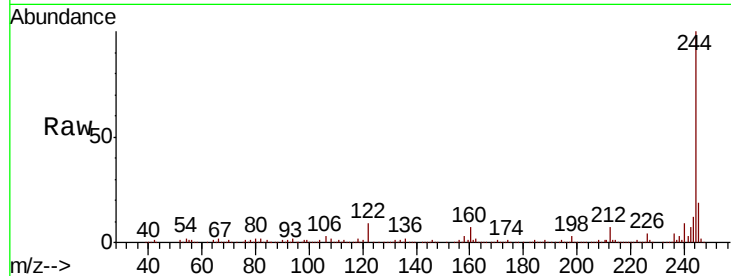
#79
 Terphenyl-d14
 Concen: 28.581 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	9.2	9.8	14.6

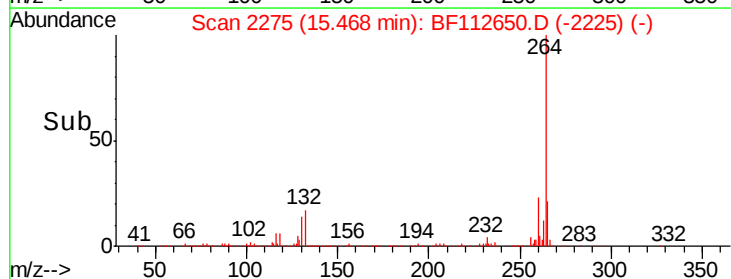
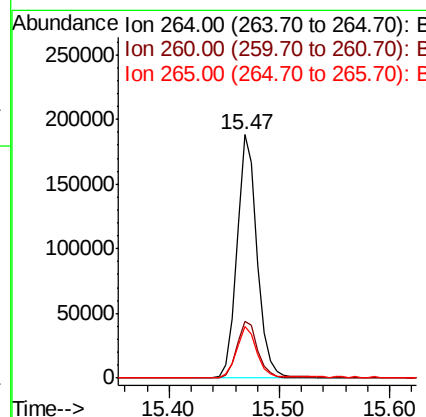
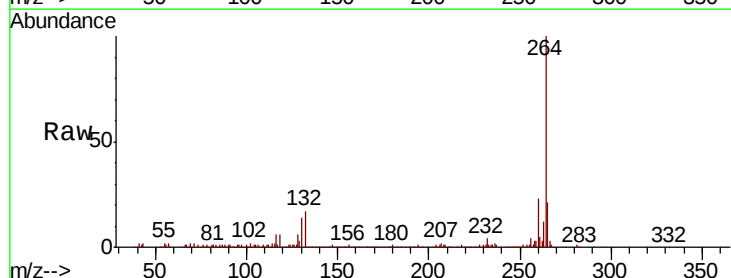
Manual Integrations
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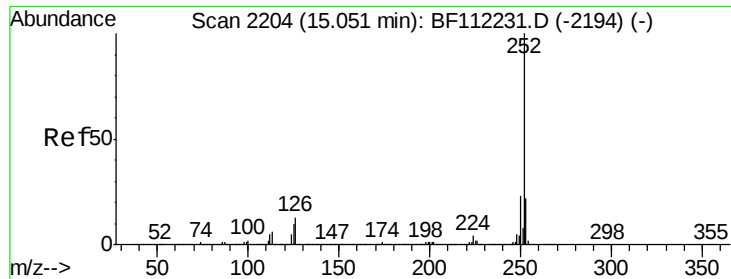
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.5	17.0	25.4





#88
 Benzo(b)fluoranthene
 Concen: 2.329 ng/ml
 RT: 15.04 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BF112650.D
 Acq: 21 Feb 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion:	252	Resp:	33629
Ion Ratio	Lower	Upper	
252	100		
253	20.5	18.0	27.0
125	13.6	8.7	13.1

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