

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116930.D
 Acq On : 10 Sep 2019 19:21
 Operator : HP/JU
 Sample : K4789-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3465

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:57:04 AM

Quant Time: Sep 11 01:23:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81429	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	324963	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	164913	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	265585	20.00	ng	0.00
76) Chrysene-d12	13.98	240	157159	20.00	ng	0.00
87) Perylene-d12	15.43	264	163136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	599942	119.36	ng	0.01
7) Phenol-d6	6.47	99	812051	123.04	ng	0.00
23) Nitrobenzene-d5	7.39	82	504338	88.60	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	137718	124.92	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	882304	90.25	ng	0.00
79) Terphenyl-d14	12.93	244	798459	93.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	96362	8.464	ng	98
75) Fluoranthene	12.56	202	39004	2.685	ng	97
78) Pyrene	12.79	202	33727	2.414	ng	98
88) Benzo(b)fluoranthene	15.02	252	20715m	2.100	ng	

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

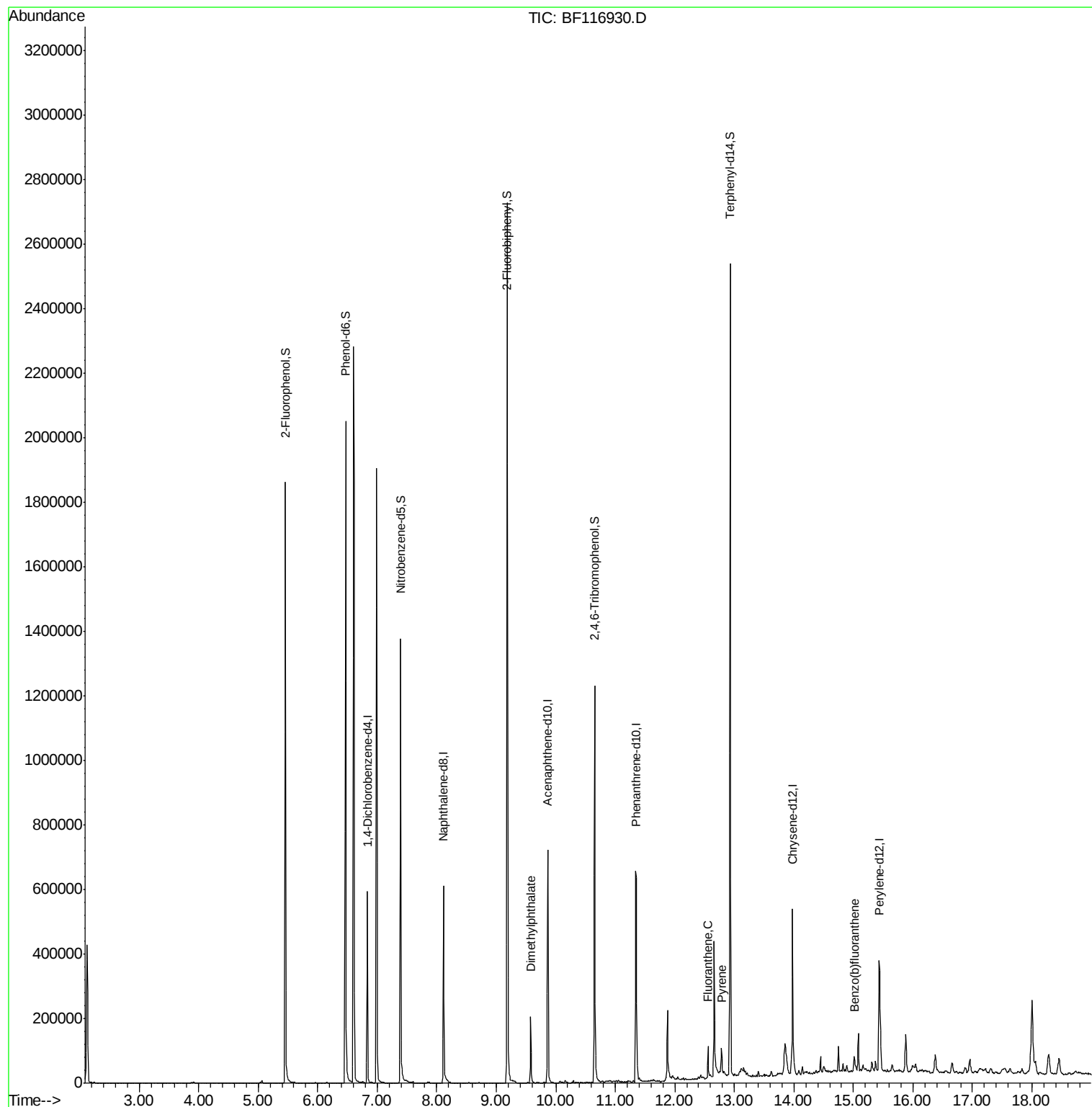
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
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#1

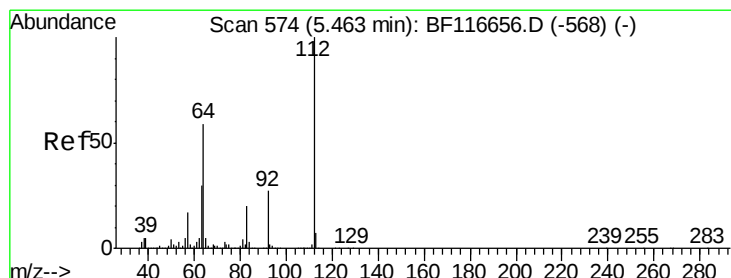
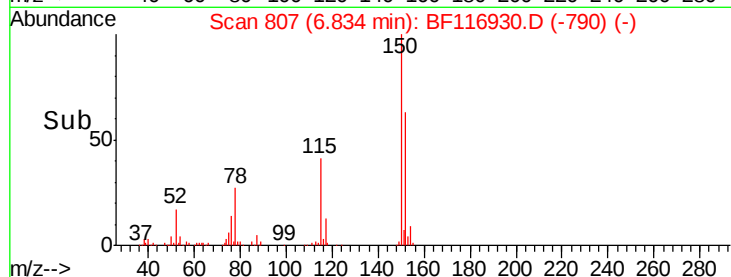
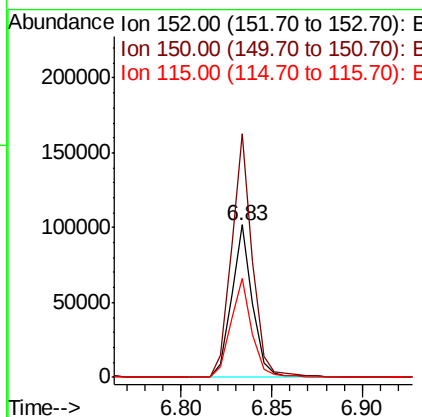
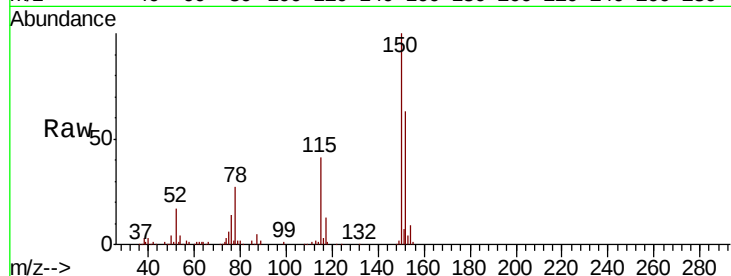
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :
RT3465

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.4	186.6
115	65.2	49.9	74.9

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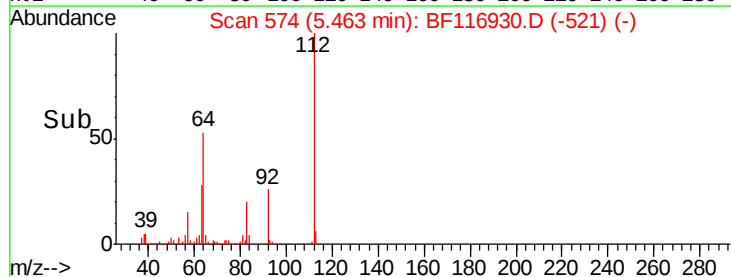
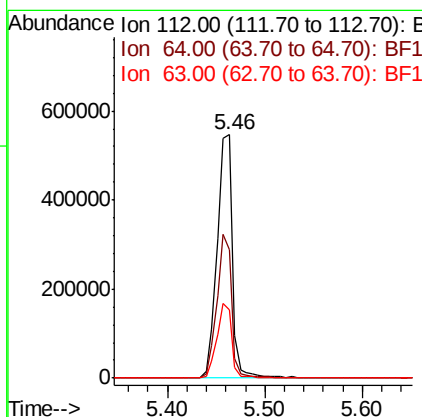
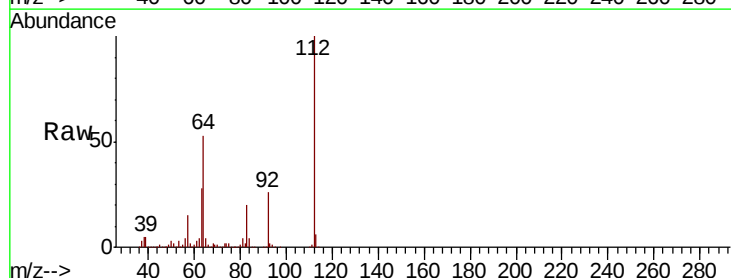
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#5

2-Fluorophenol
Concen: 119.360 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.1	70.7
63	28.1	24.9	37.3





#7

Phenol-d6

Concen: 123.036 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116930.D

Acq: 10 Sep 2019 19:21

Instrument :

BNA_F

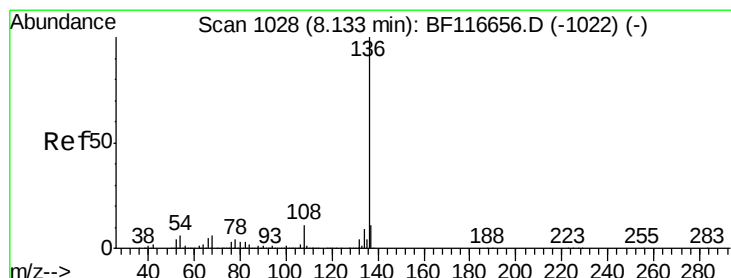
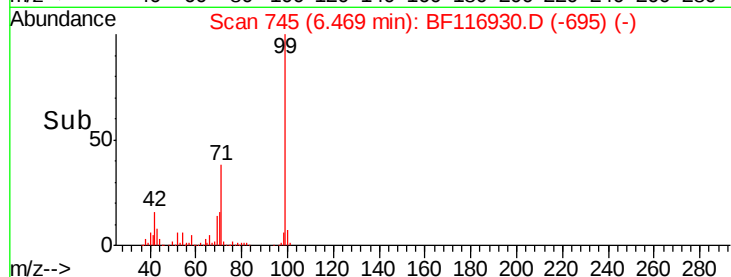
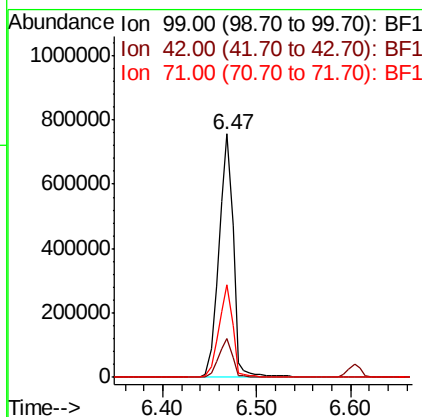
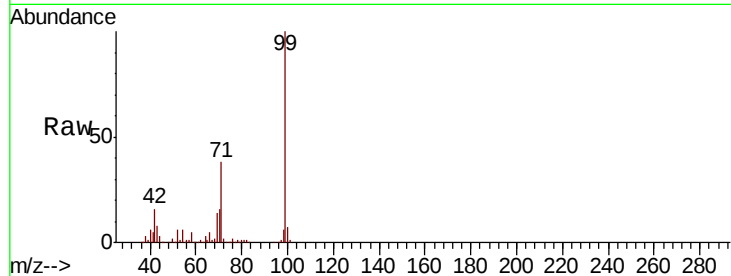
ClientSampled :

RT3465

Tot Ion:	99	Resp:	812051
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.7	20.5
71	37.9	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

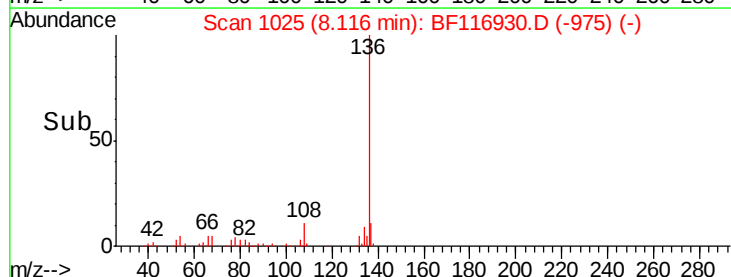
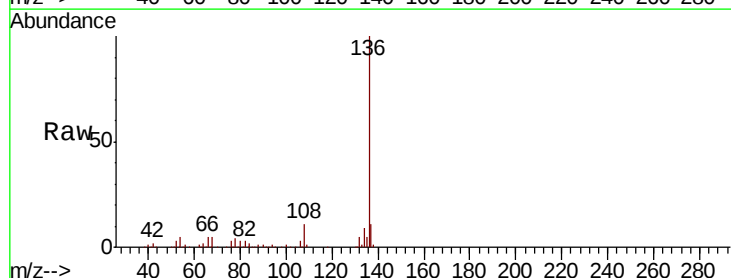
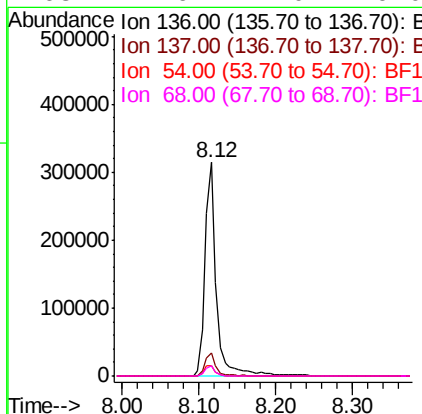
RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116930.D

Acq: 10 Sep 2019 19:21

Tgt Ion:	136	Resp:	324963
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	4.9	4.8	7.2
68	4.6	4.0	6.0





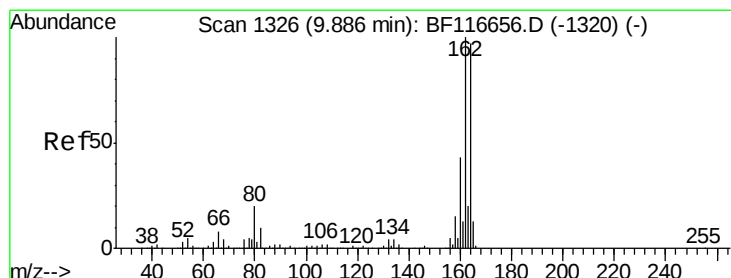
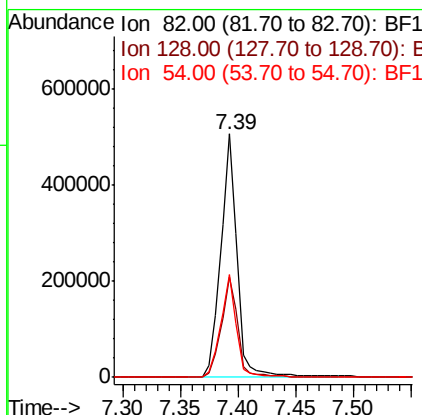
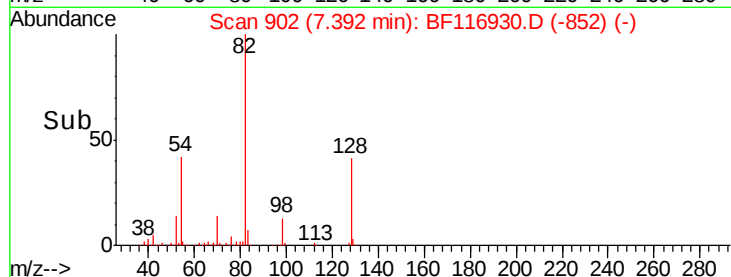
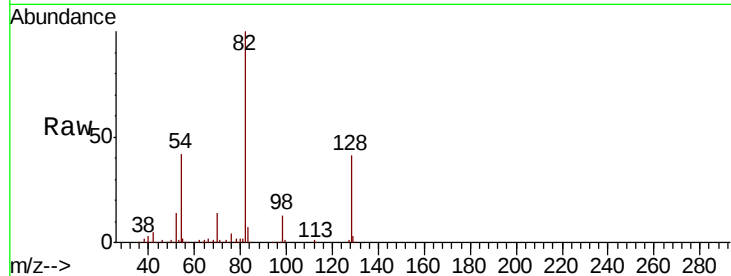
#23
 Nitrobenzene-d5
 Concen: 88.599 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116930.D
 Acq: 10 Sep 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 RT3465

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	32.8	49.2	
54	42.4	36.9	55.3	

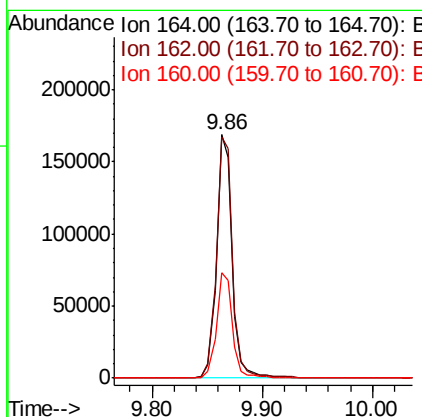
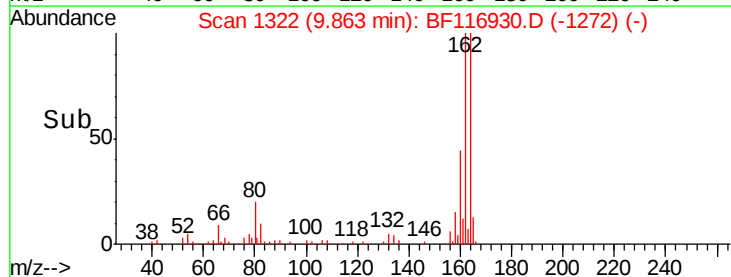
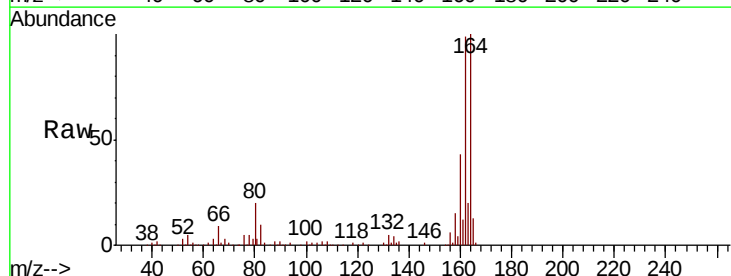
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF116930.D
 Acq: 10 Sep 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.1	81.4	122.0	
160	43.2	35.4	53.2	





#42

2,4,6-Tribromophenol

Concen: 124.917 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF116930.D

Acq: 10 Sep 2019 19:21

Instrument :

BNA_F

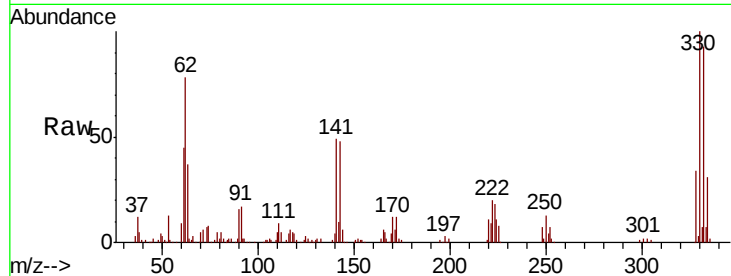
ClientSampleId :

RT3465

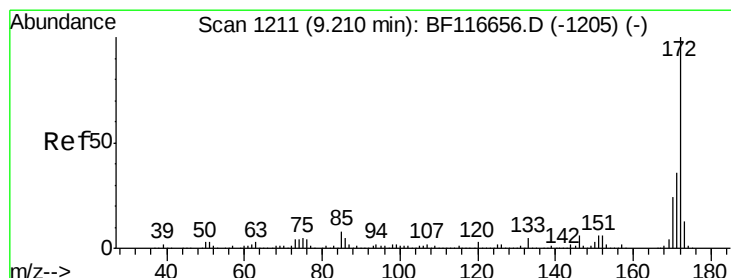
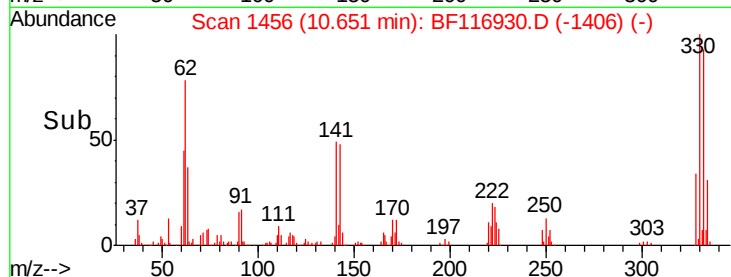
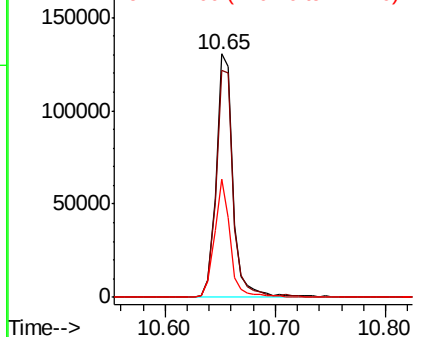
Tot Ion:	330	Resp:	137718
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	45.0	31.4	47.2

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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: 90.251 ng

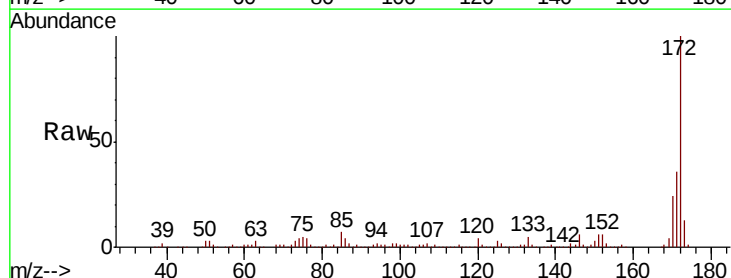
RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

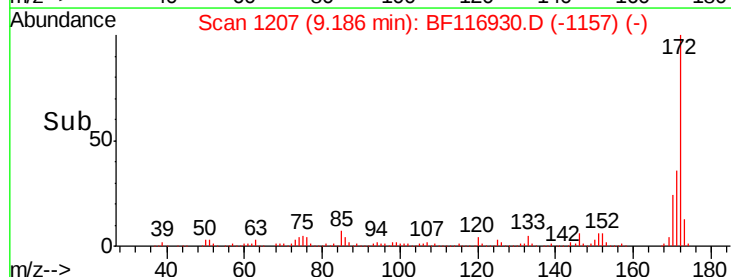
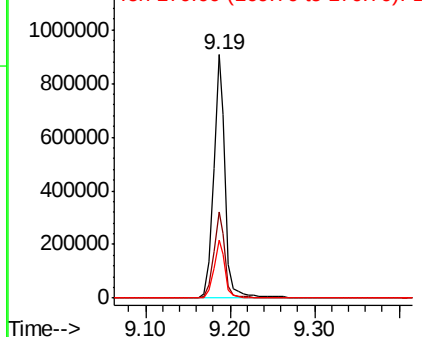
Lab File: BF116930.D

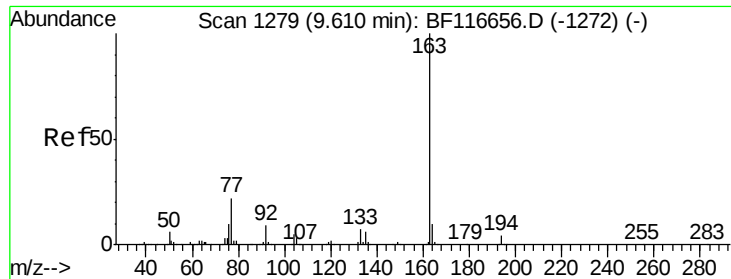
Acq: 10 Sep 2019 19:21

Tgt Ion:	172	Resp:	882304
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.8	41.6
170	23.7	18.9	28.3



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





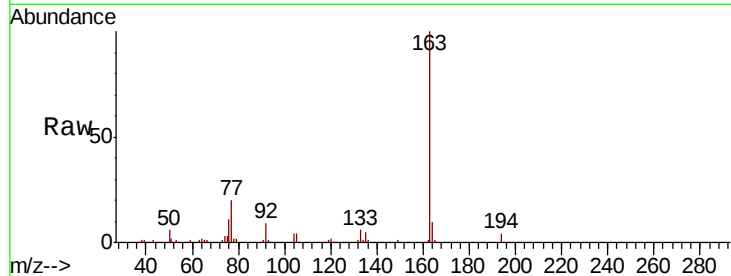
#50
Dimethylphthalate
Concen: 8.464 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleID :
RT3465

Tot Ion	Ratio	Resp	Lower	Upper
163	100	96362		
194	3.5		2.8	4.2
164	9.9		8.6	12.8

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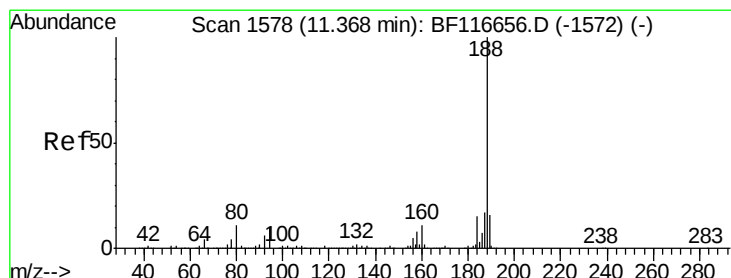
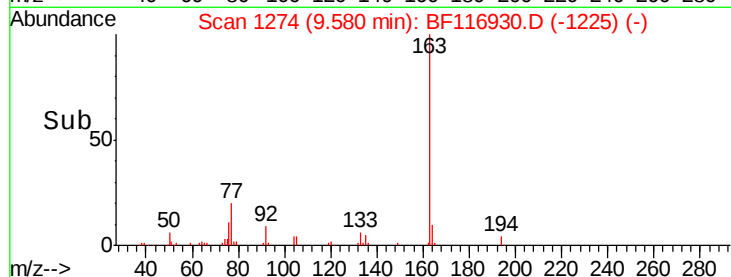
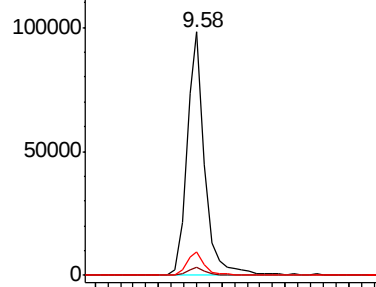


Abundance

Ion 163.00 (162.70 to 163.70): E

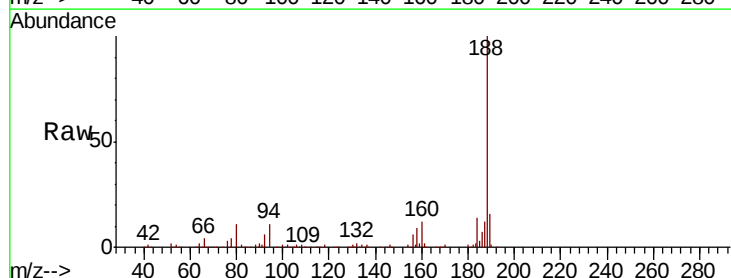
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	265585		
94	10.8		7.3	10.9
80	10.9		8.4	12.6

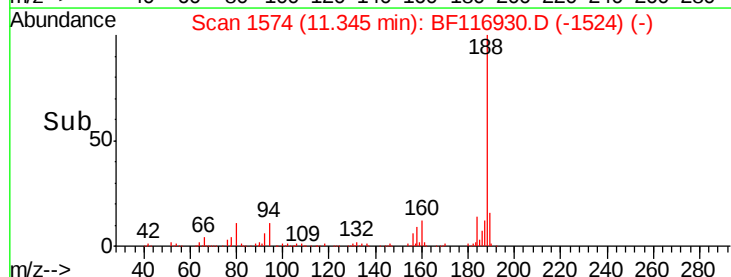
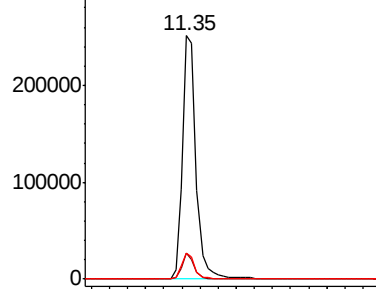


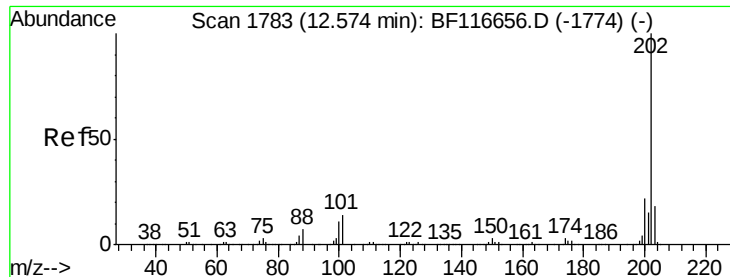
Abundance

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: 2.685 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF116930.D

Acq: 10 Sep 2019 19:21

Instrument :

BNA_F

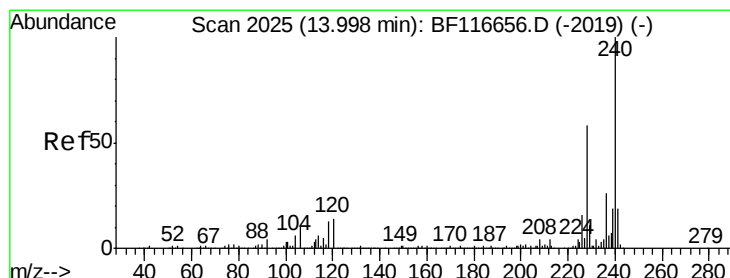
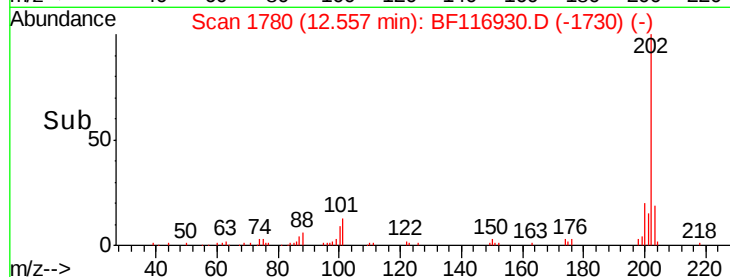
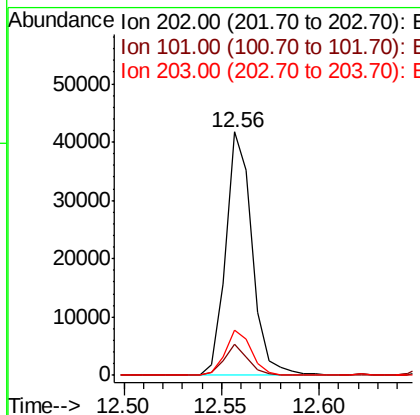
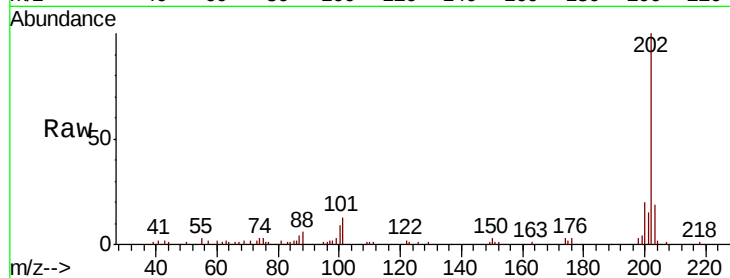
ClientSampled :

RT3465

Tot Ion:	202	Resp:	39004
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.3
203	18.7	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

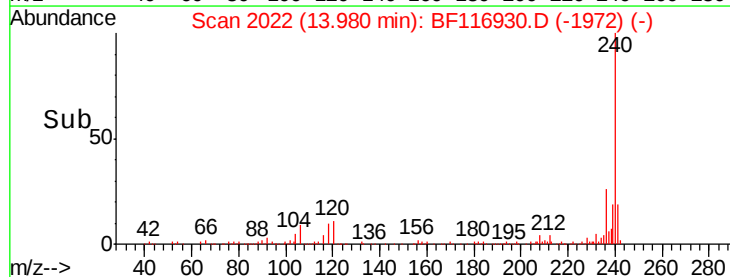
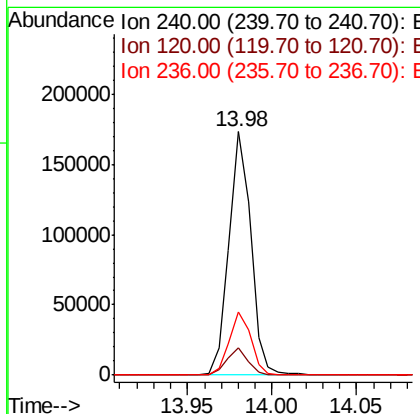
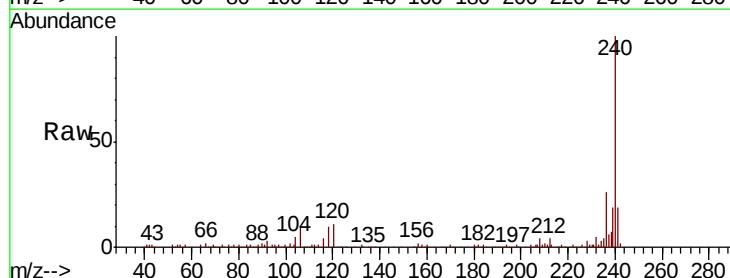
RT: 13.98 min Scan# 2022

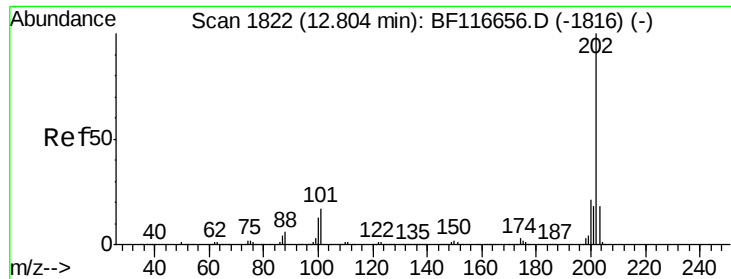
Delta R.T. -0.01 min

Lab File: BF116930.D

Acq: 10 Sep 2019 19:21

Tgt Ion:	240	Resp:	157159
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.1	13.7
236	26.0	21.1	31.7





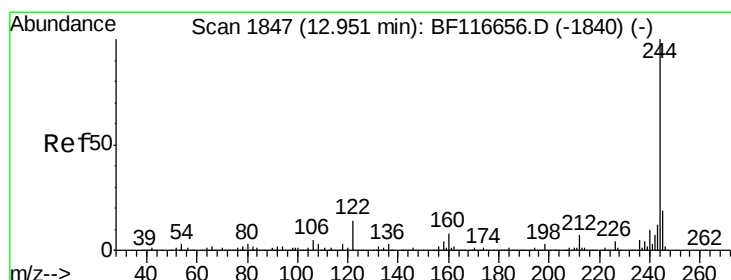
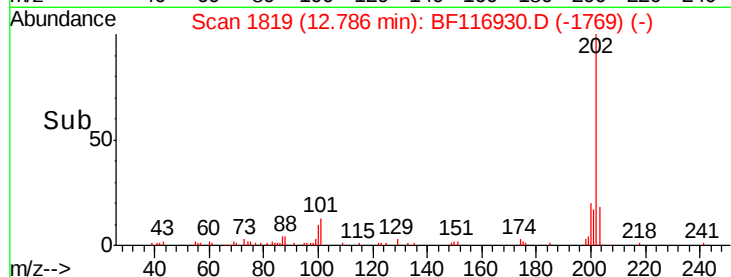
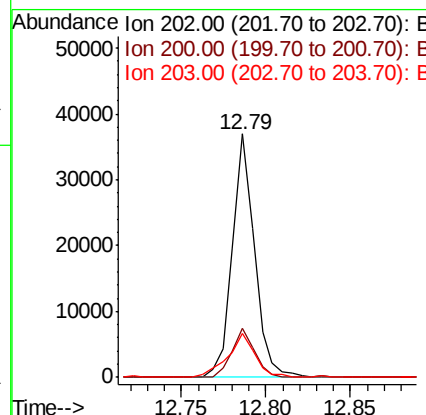
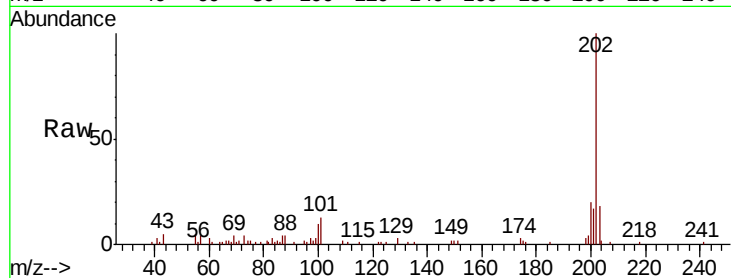
#78
Pvrene
Concen: 2.414 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :
RT3465

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	16.5	24.7
203	18.2	13.7	20.5

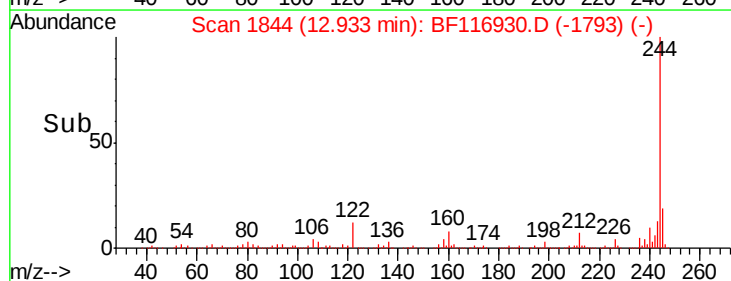
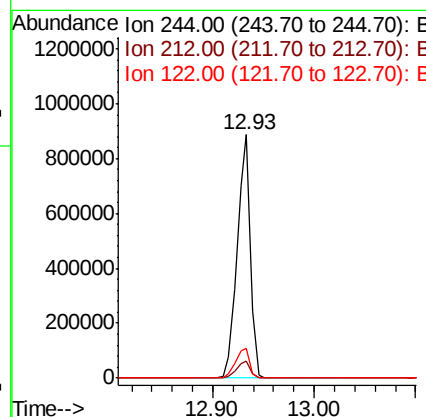
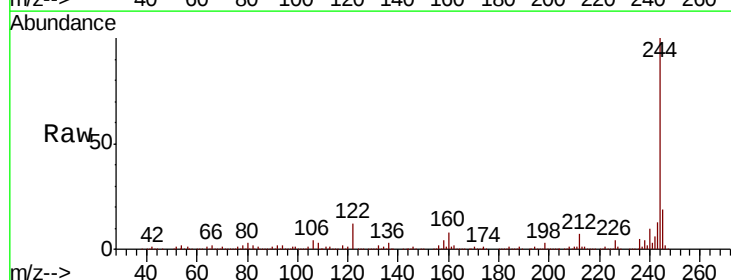
Manual Integrations
APPROVED

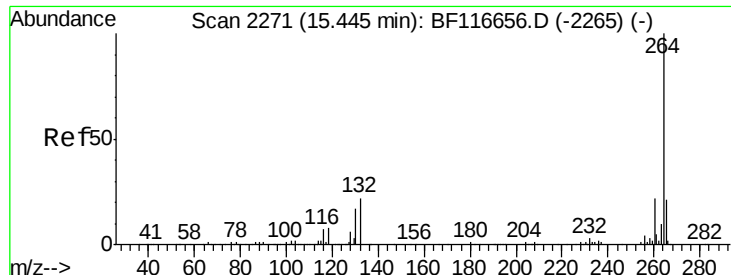
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#79
Terphenyl-d14
Concen: 93.988 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.1	9.1
122	12.3	10.2	15.4





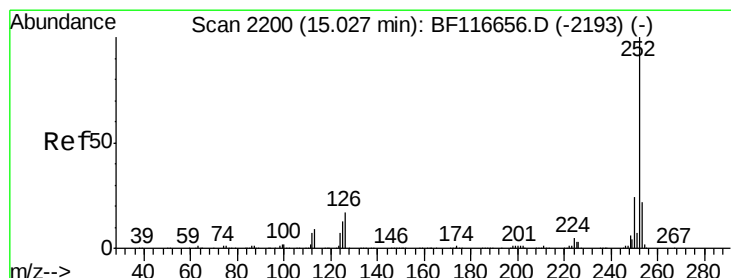
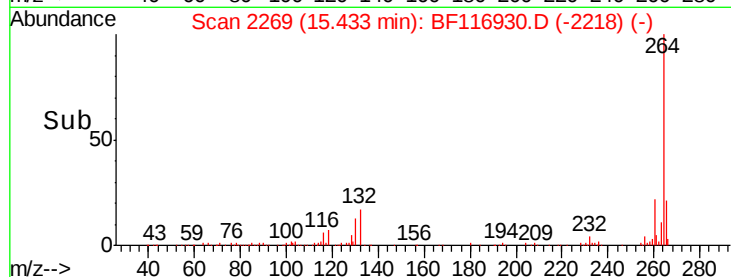
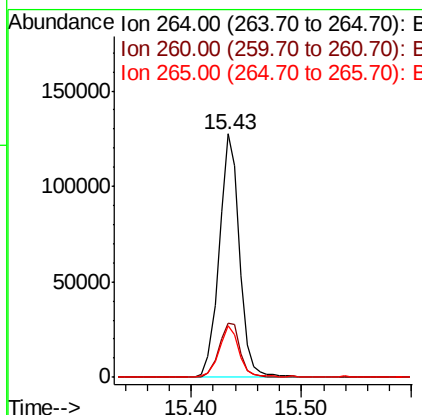
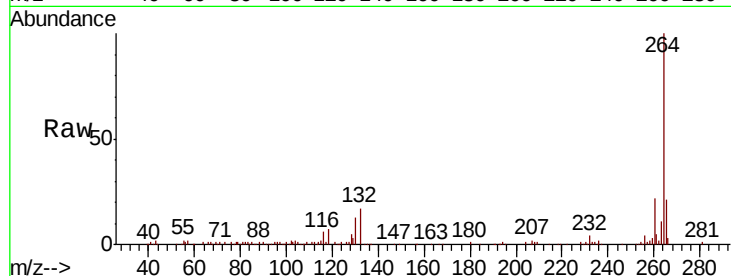
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :
RT3465

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.3	27.5
265	21.0	16.5	24.7

Manual Integrations
APPROVED

mohammad
9/16/2019 8:57:04 AM



#88
Benzo(b)fluoranthene
Concen: 2.100 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116930.D
Acq: 10 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	17.9	8.2	12.2#

