

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116521.D
 Acq On : 24 Aug 2019 14:07
 Operator : HP/JU
 Sample : K4462-02 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Manual Integrations
 APPROVED

Jagrut
 8/28/2019 8:08:49 AM

Quant Time: Aug 26 04:16:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	149351	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	558423	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	266836	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	400540	20.00	ng	0.00
76) Chrysene-d12	14.03	240	270272	20.00	ng	0.00
87) Perylene-d12	15.50	264	286899	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	315519	30.87	ng	0.00
7) Phenol-d6	6.50	99	419122	33.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	236315	23.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	68820	30.04	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	441930	26.67	ng	0.00
79) Terphenyl-d14	12.97	244	345637	23.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	79756	4.284	ng	100
78) Pyrene	12.83	202	48798	2.258	ng	99
88) Benzo(b)fluoranthene	15.07	252	40756m	2.300	ng	

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

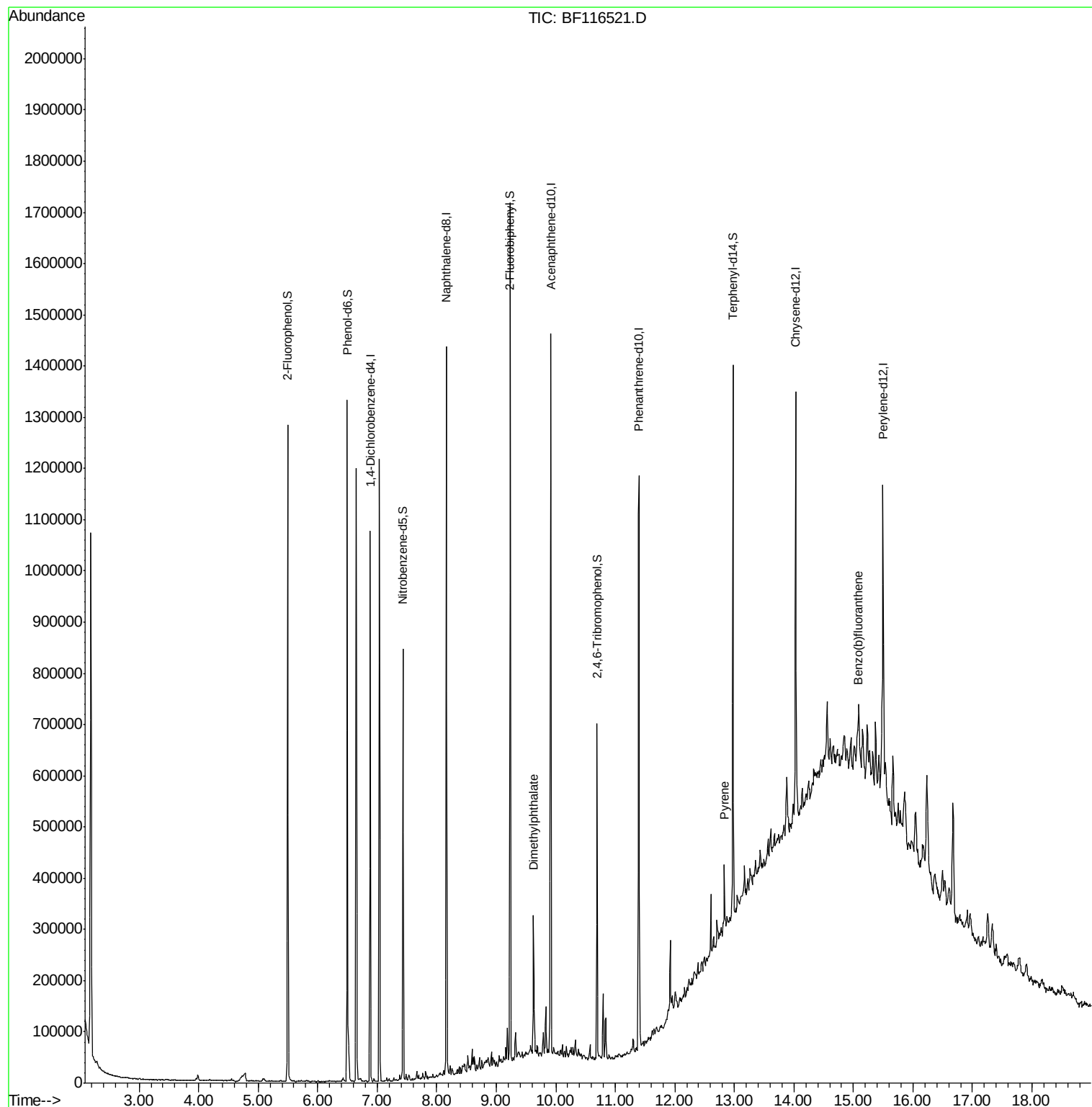
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116521.D
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Sample : K4462-02 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

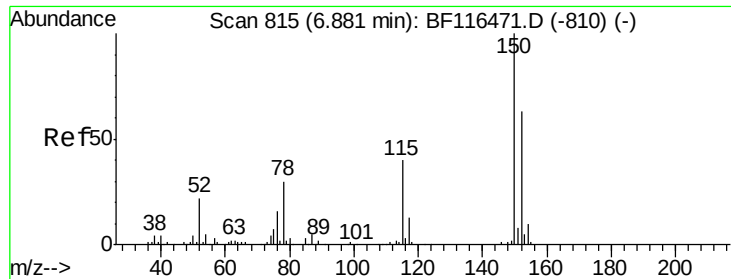
Instrument :
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#1

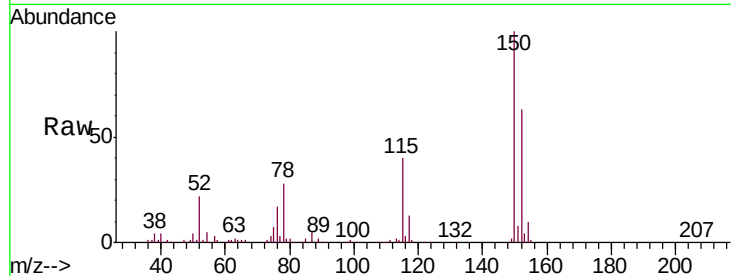
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116521.D
 Acq: 24 Aug 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.7	190.1
115	63.1	50.9	76.3

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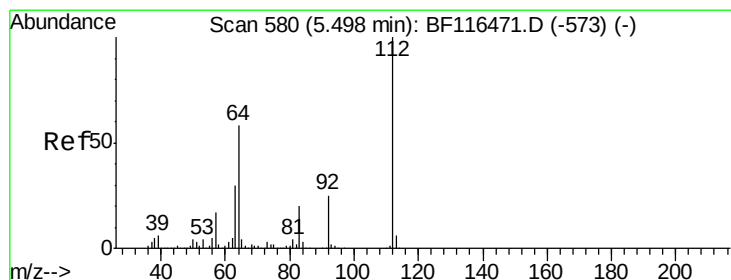
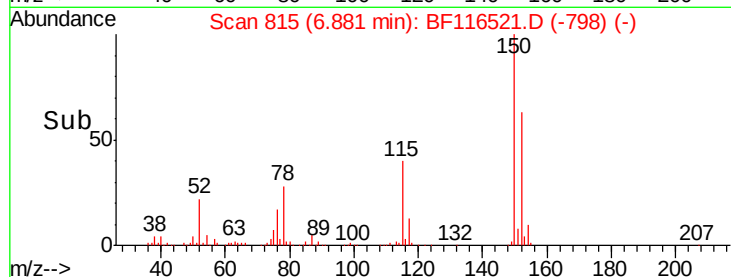
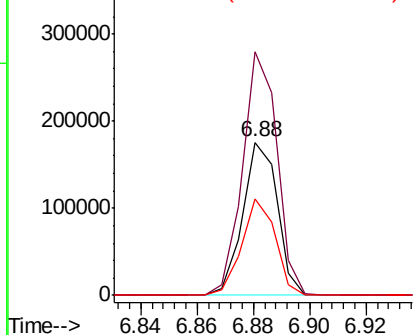


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

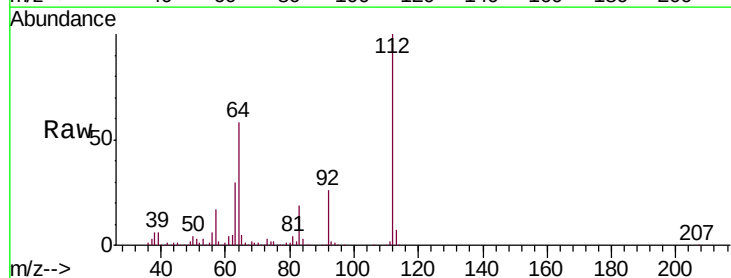
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 30.868 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF116521.D
 Acq: 24 Aug 2019 14:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.3	69.5
63	30.4	24.2	36.4

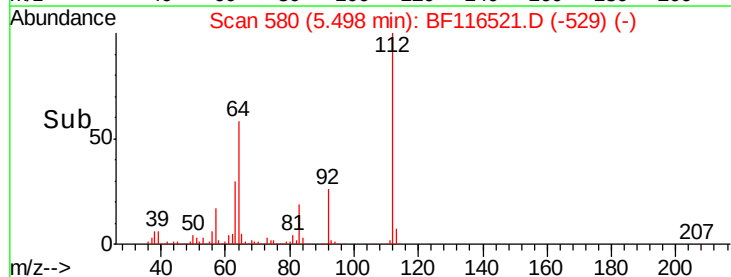
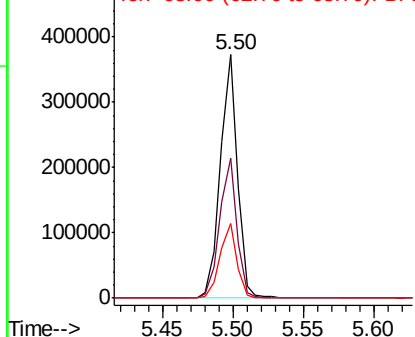


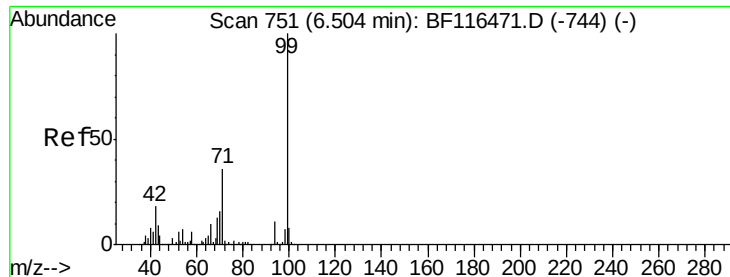
Abundance

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: 33.441 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116521.D

Acq: 24 Aug 2019 14:07

Instrument :

BNA_F

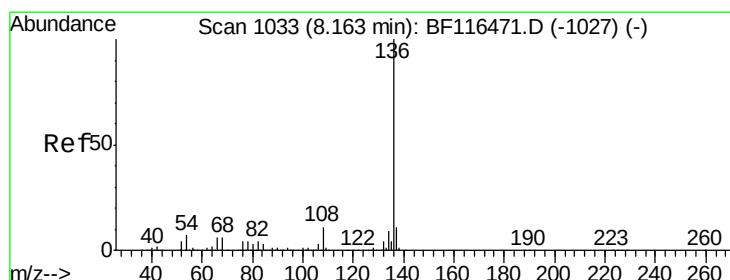
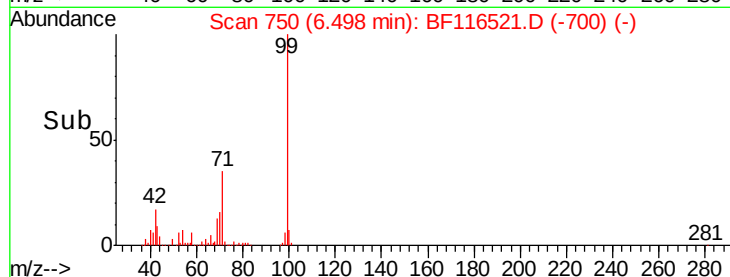
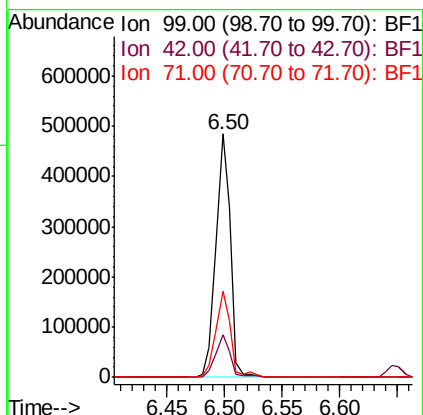
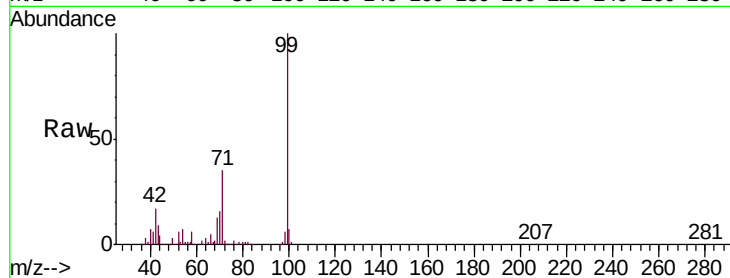
ClientSampleId :

SB-46-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		419122		
42	17.3	14.6	21.8		
71	35.5	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

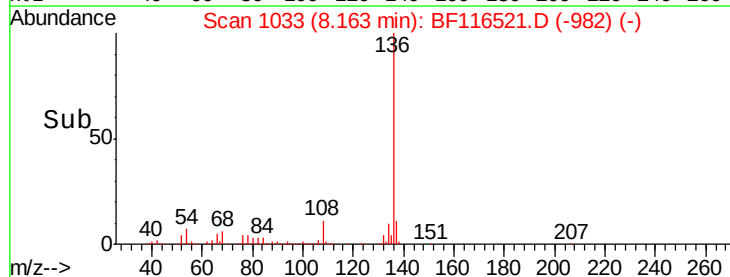
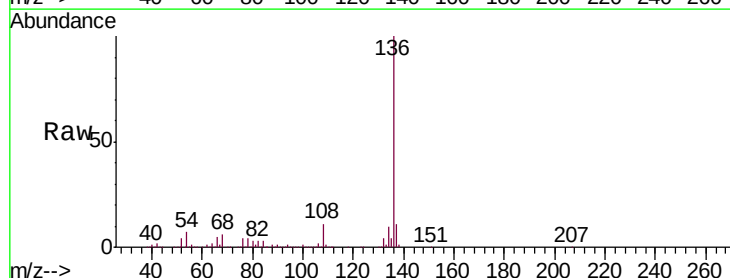
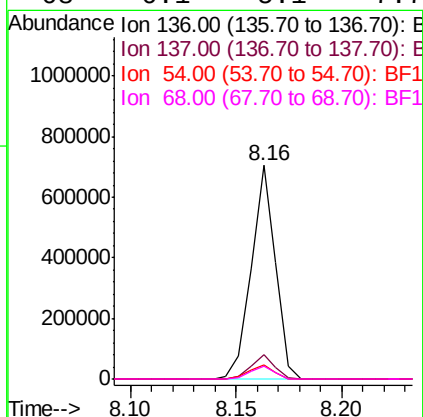
RT: 8.16 min Scan# 1033

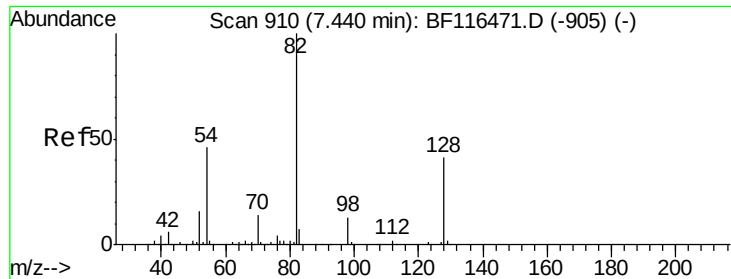
Delta R.T. -0.00 min

Lab File: BF116521.D

Acq: 24 Aug 2019 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		558423		
137	11.2	9.0	13.4		
54	6.8	5.8	8.6		
68	6.1	5.1	7.7		





#23

Nitrobenzene-d5

Concen: 23.152 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF116521.D

Acq: 24 Aug 2019 14:07

Instrument :

BNA_F

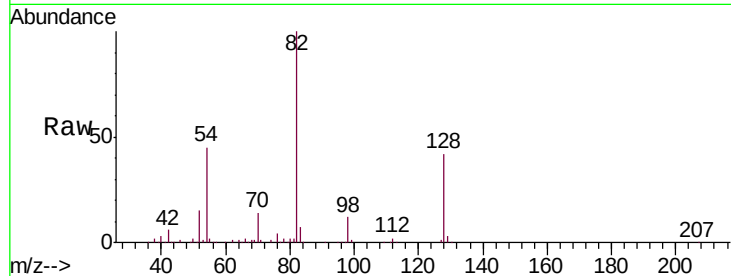
ClientSampleId :

SB-46-COMP

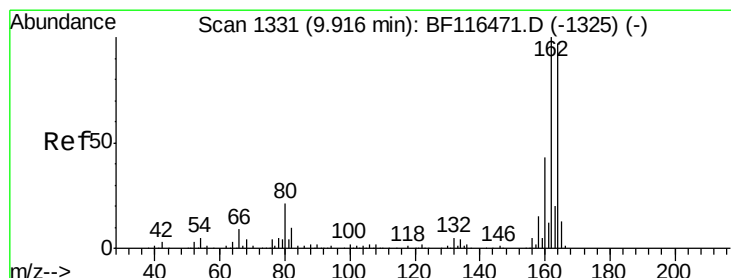
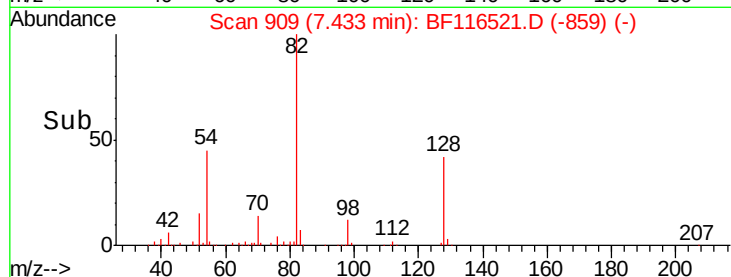
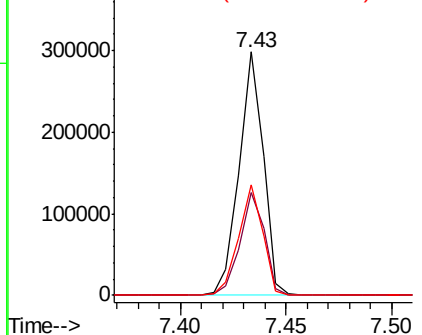
Tot Ion	82	Resp	236315
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.2	48.4
54	45.4	36.5	54.7

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

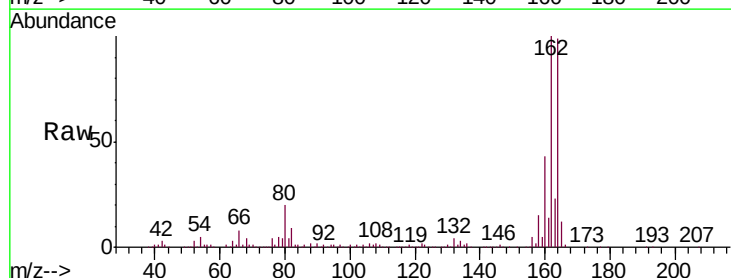
RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

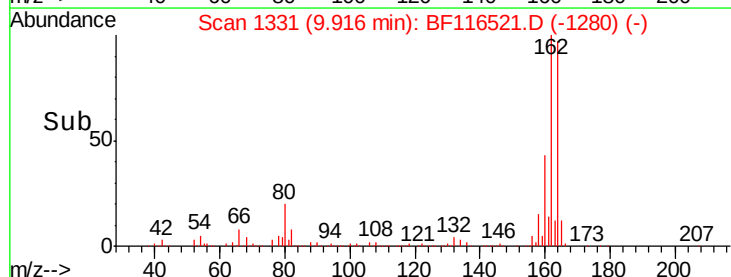
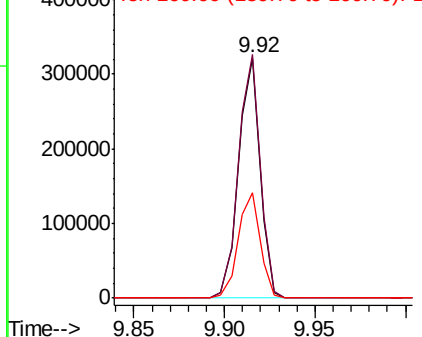
Lab File: BF116521.D

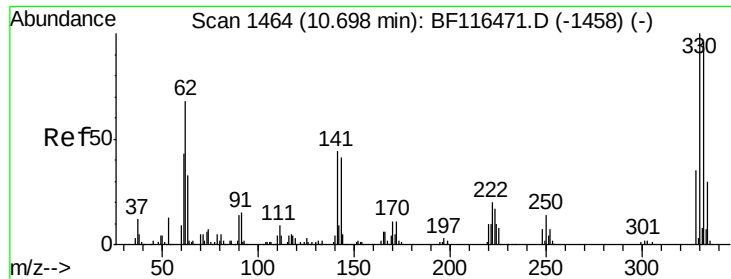
Acq: 24 Aug 2019 14:07

Tgt Ion	164	Resp	266836
Ion Ratio	Lower	Upper	
164	100		
162	101.4	82.6	123.8
160	44.1	35.8	53.8



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: 30.036 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116521.D

Acq: 24 Aug 2019 14:07

Instrument :

BNA_F

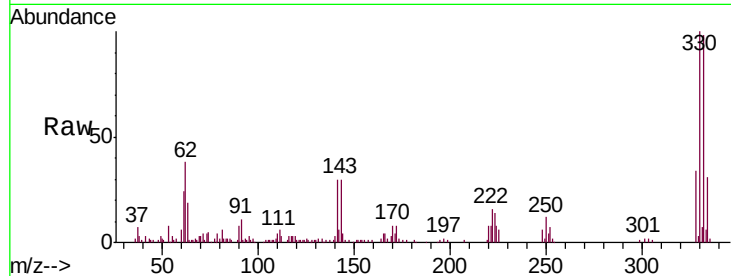
ClientSampled :

SB-46-COMP

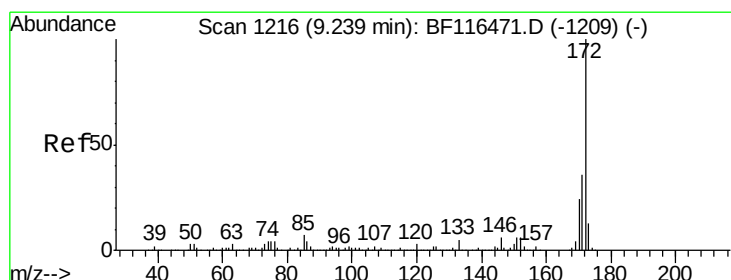
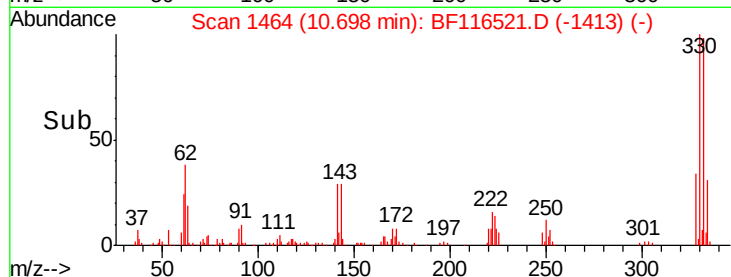
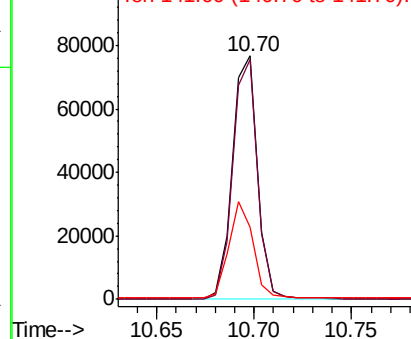
Tot Ion:	330	Resp:	68820
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.2	115.8
141	38.2	33.3	49.9

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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: 26.671 ng

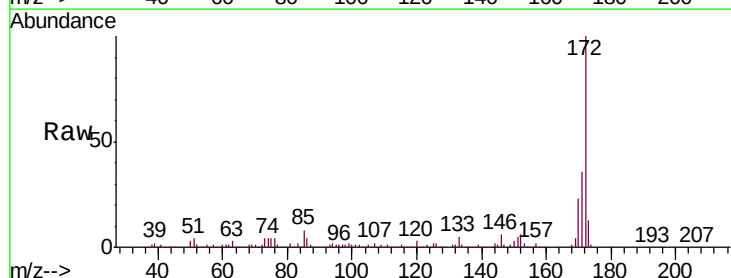
RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

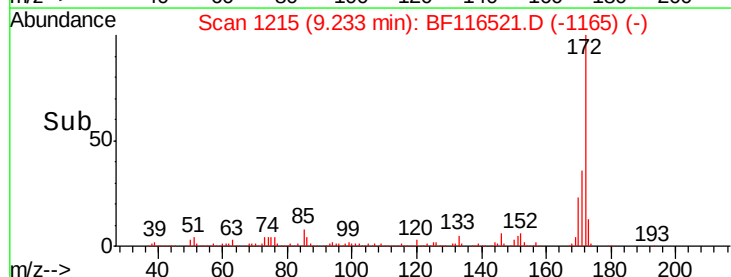
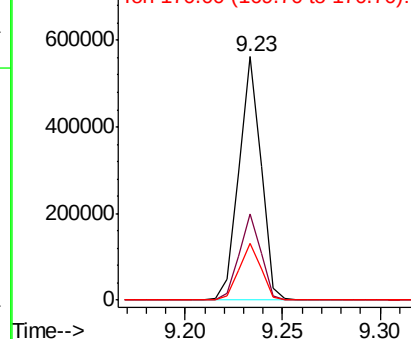
Lab File: BF116521.D

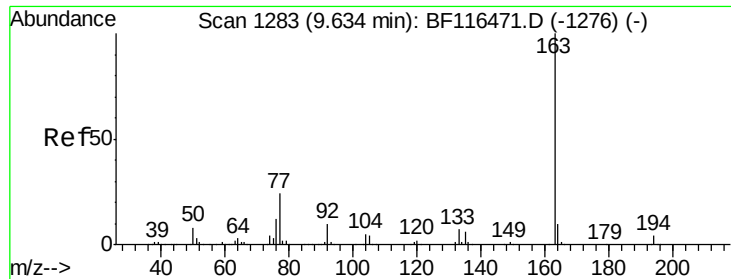
Acq: 24 Aug 2019 14:07

Tgt Ion:	172	Resp:	441930
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.9	43.3
170	23.4	19.4	29.0



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





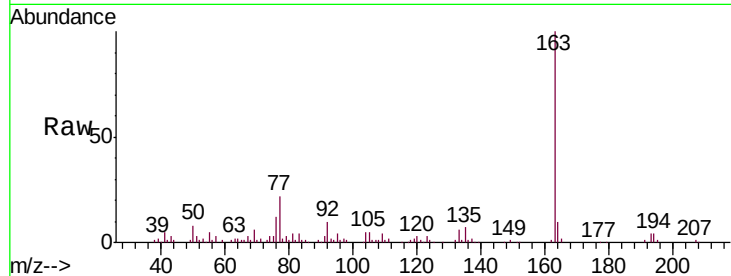
#50
Dimethylphthalate
Concen: 4.284 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116521.D
Acq: 24 Aug 2019 14:07

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

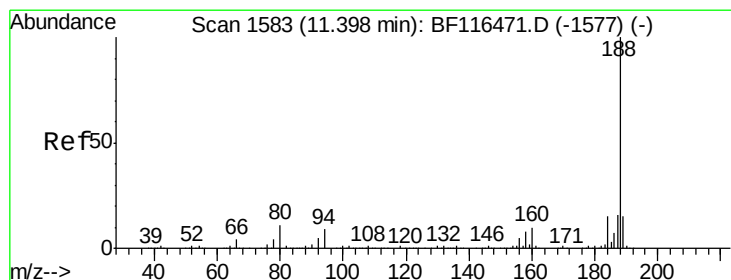
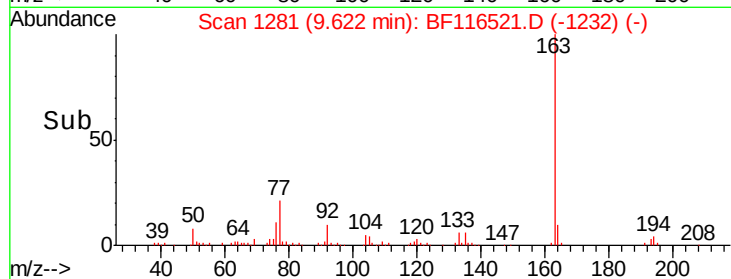
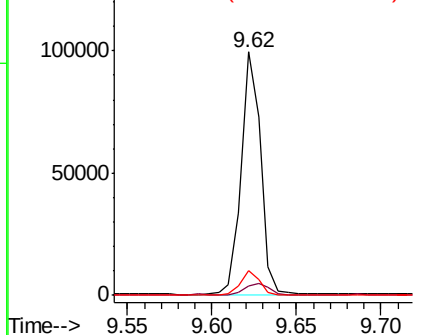
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		79756		
194	4.1		2.9	4.3	
164	10.2		8.2	12.2	

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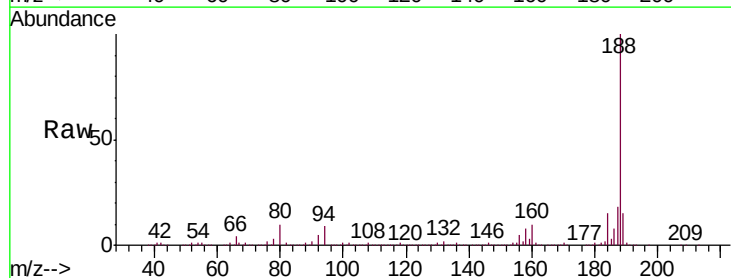


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

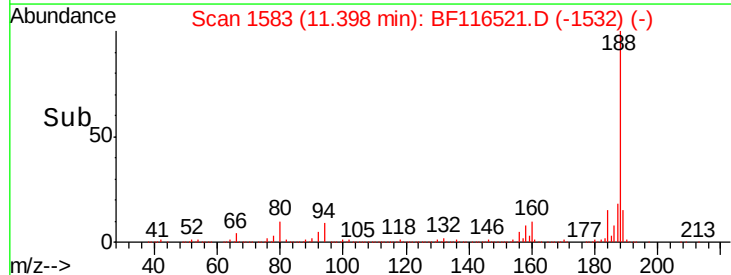
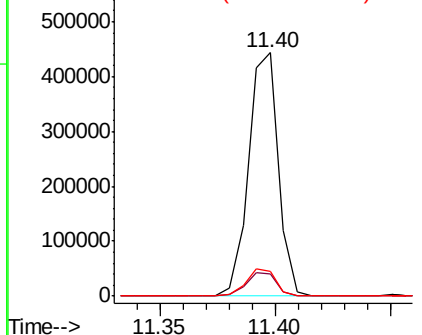


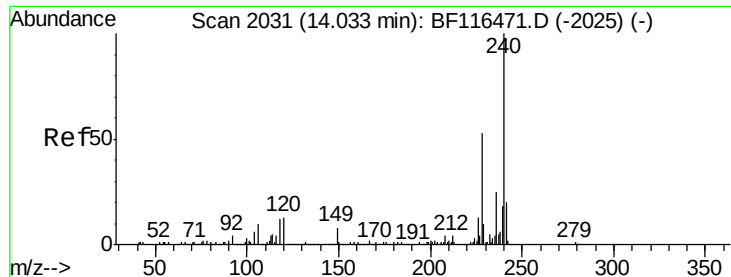
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116521.D
Acq: 24 Aug 2019 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		400540		
94	8.9		7.4	11.2	
80	10.0		8.6	12.8	



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF116521.D

Acq: 24 Aug 2019 14:07

Instrument :

BNA_F

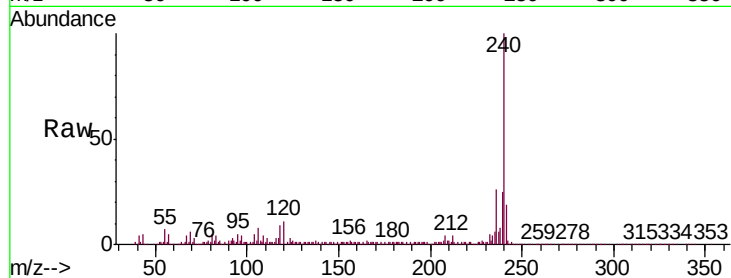
ClientSampleId :

SB-46-COMP

Tot Ion:	240	Resp:	270272
Ion Ratio		Lower	Upper
240	100		
120	10.6	10.5	15.7
236	26.2	20.2	30.2

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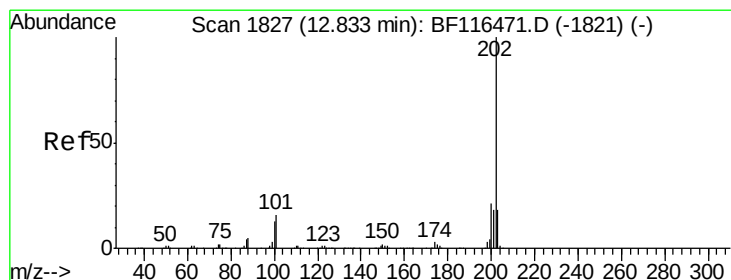
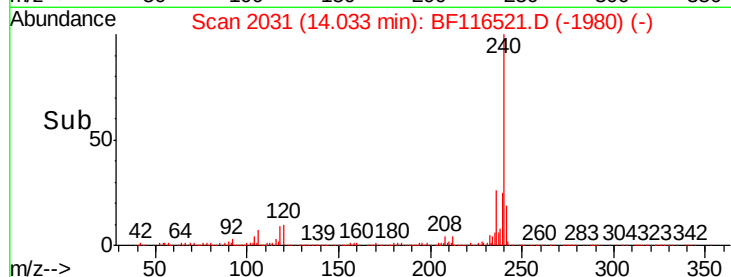
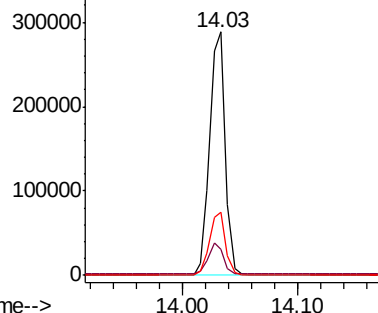


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 2.258 ng

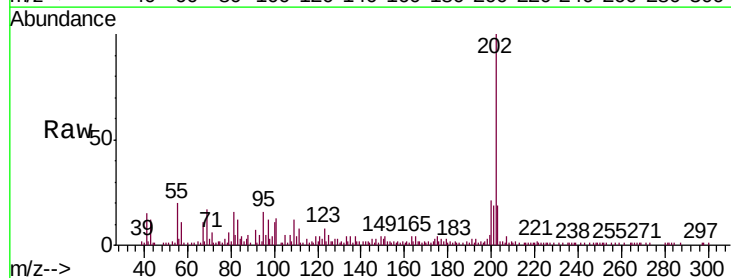
RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116521.D

Acq: 24 Aug 2019 14:07

Tgt Ion:	202	Resp:	48798
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.7	14.2	21.4

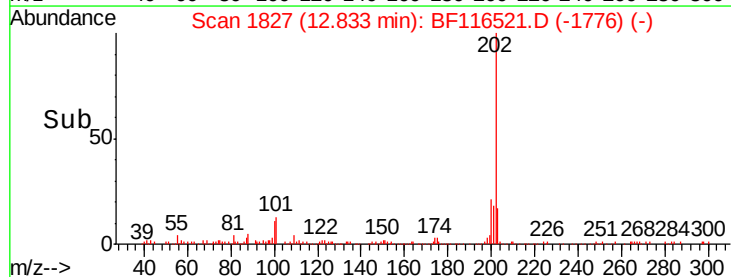
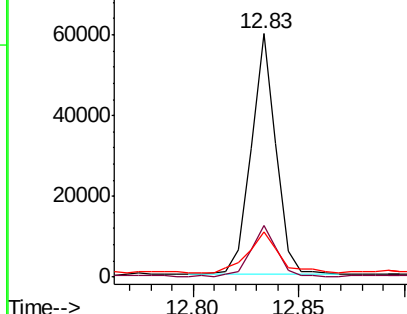


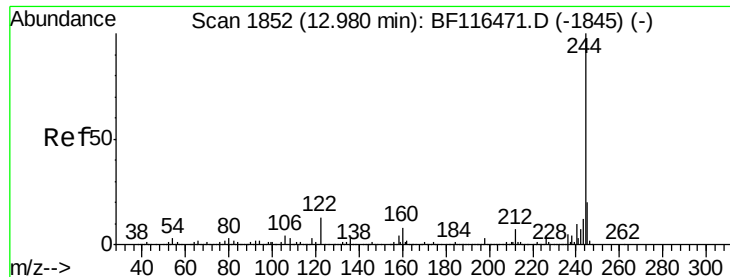
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





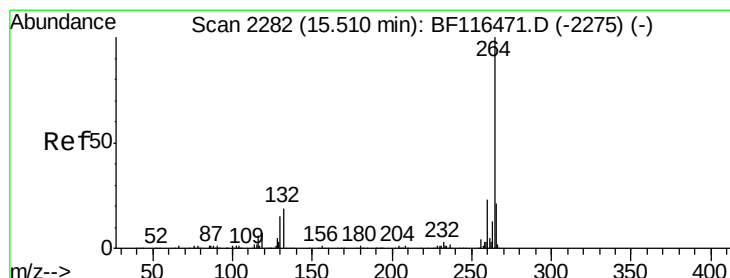
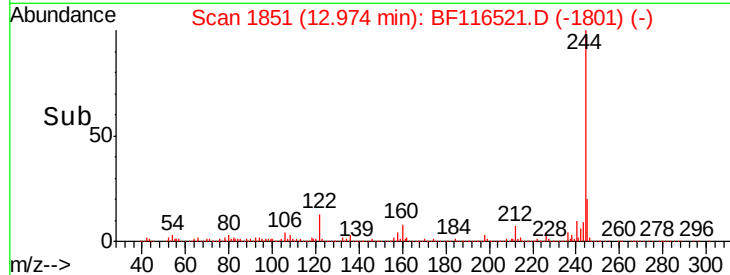
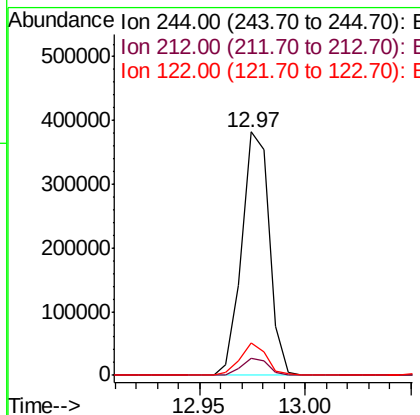
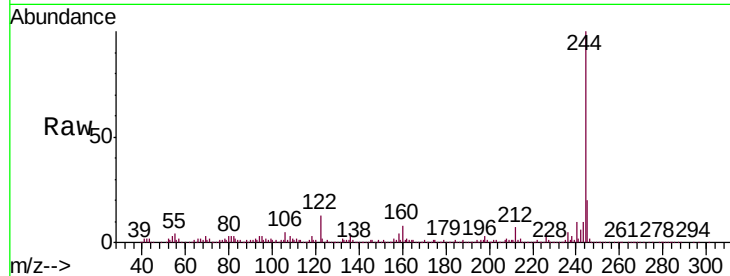
#79
 Terphenyl-d14
 Concen: 23.888 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116521.D
 Acq: 24 Aug 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tot Ion:	244	Resp:	345637
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	13.2	10.2	15.4

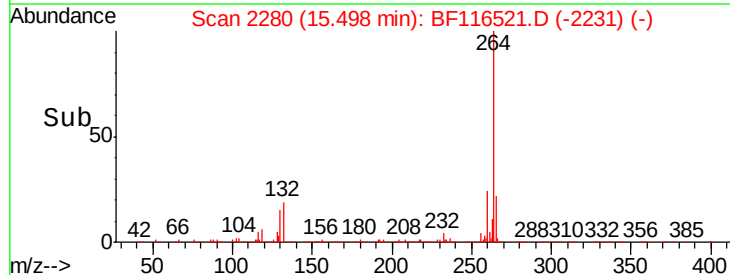
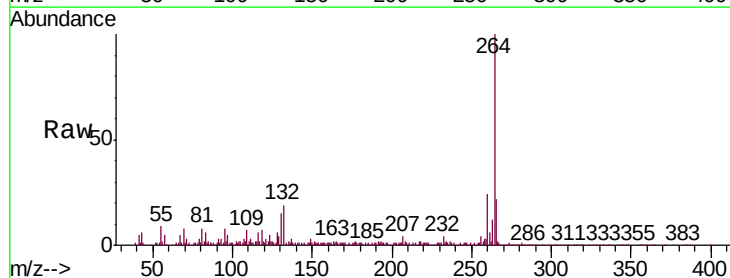
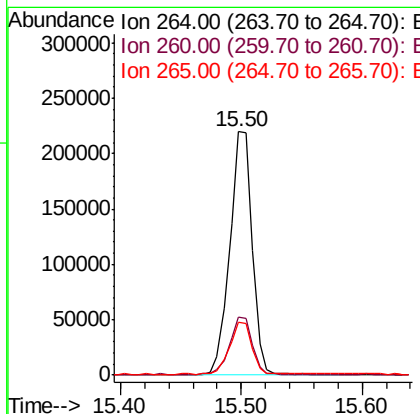
Manual Integrations
 APPROVED

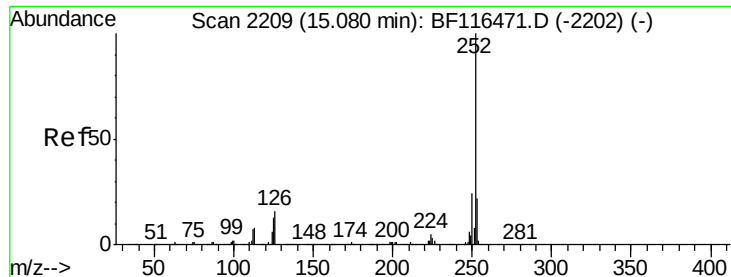
Jagrut
 8/28/2019 8:08:49 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF116521.D
 Acq: 24 Aug 2019 14:07

Tgt Ion:	264	Resp:	286899
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.8	28.2
265	21.9	17.1	25.7





#88
 Benzo(b)fluoranthene
 Concen: 2.300 ng m
 RT: 15.07 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BF116521.D
 Acq: 24 Aug 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	27.3	10.1	15.1#

Manual Integrations
 APPROVED

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 8/28/2019 8:08:49 AM

