

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112671.D
 Acq On : 22 Feb 2019 18:23
 Operator : JU/SJ
 Sample : K1570-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25-25

Manual Integrations
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Sohil
 2/25/2019 9:21:09 AM

Quant Time: Feb 25 00:49:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58169	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	231069	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	111274	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	211041	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	135801	20.00	ng	-0.03
87) Perylene-d12	15.45	264	119678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	132983	48.56	ng	-0.01
7) Phenol-d6	6.49	99	98151	25.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	404528	100.87	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	132232	102.09	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	796451	101.23	ng	-0.04
79) Terphenyl-d14	12.91	244	641220	88.93	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	6.97	79	115052m	35.866	ng	Qvalue
25) Isophorone	7.64	82	15519	2.467	ng	96
50) Dimethylphthalate	9.56	163	50056	5.790	ng	100

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

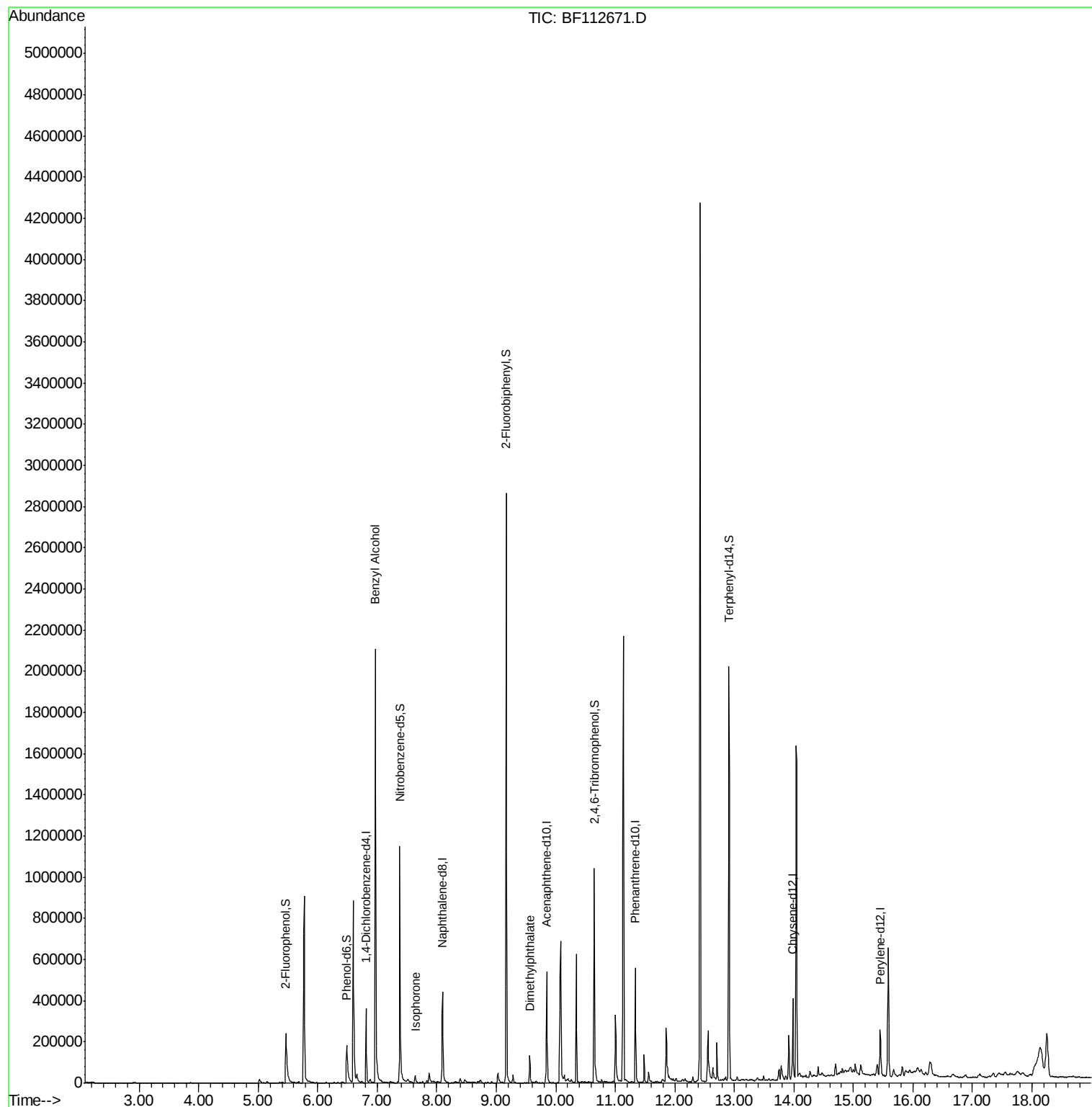
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112671.D
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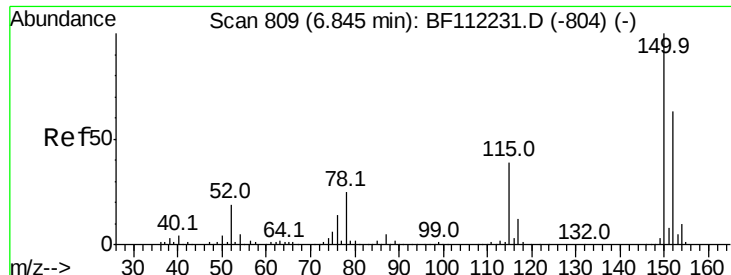
Instrument :
BNA_F
ClientSampleId :
25-25

Manual Integrations
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Quant Time: Feb 25 00:49:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

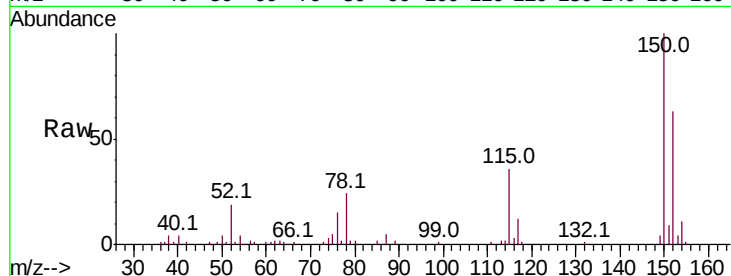
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Instrument :
BNA_F
ClientSampled :
25-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.4	191.0
115	56.9	45.5	68.3

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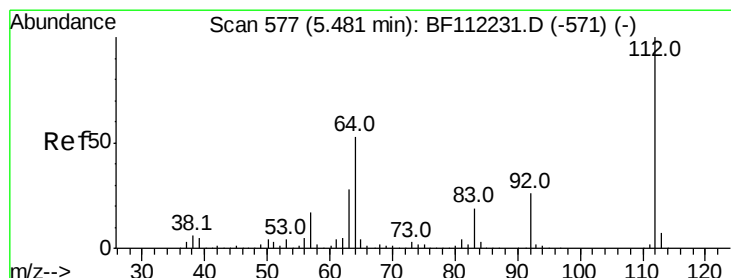
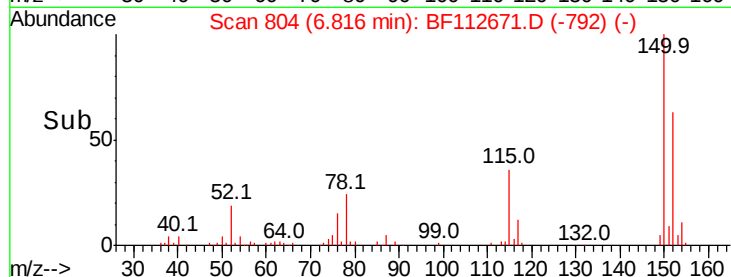
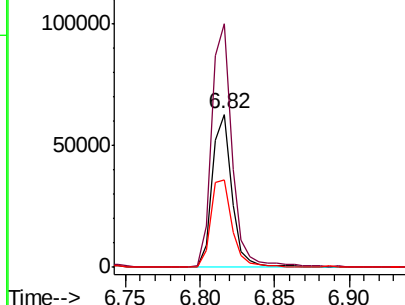


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

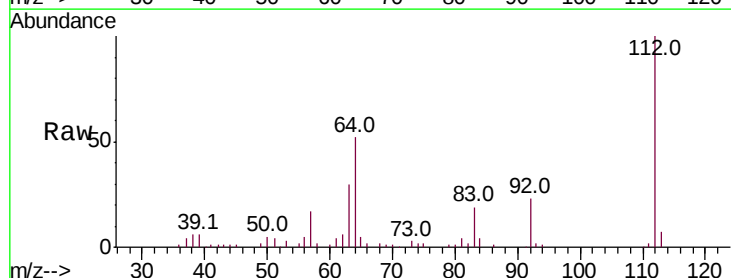
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.559 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	45.7	68.5
63	29.9	23.6	35.4

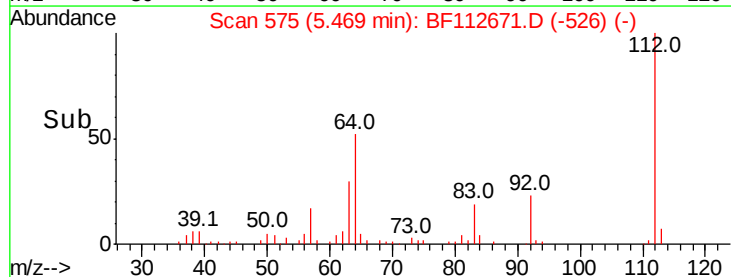
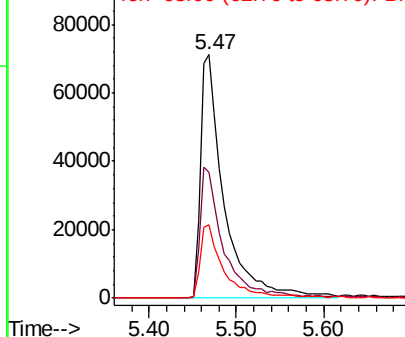


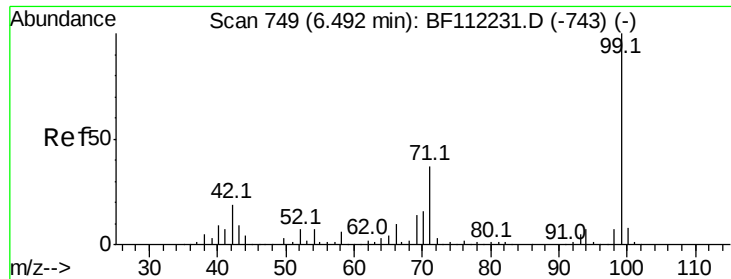
Abundance

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: 25.793 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

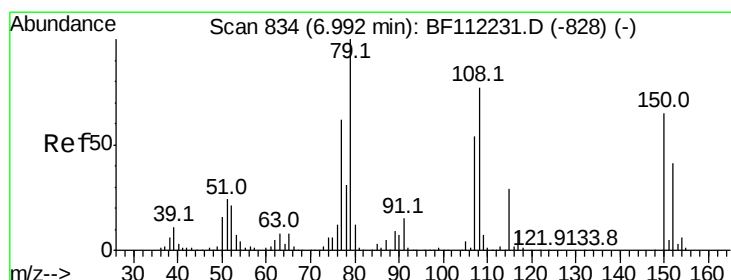
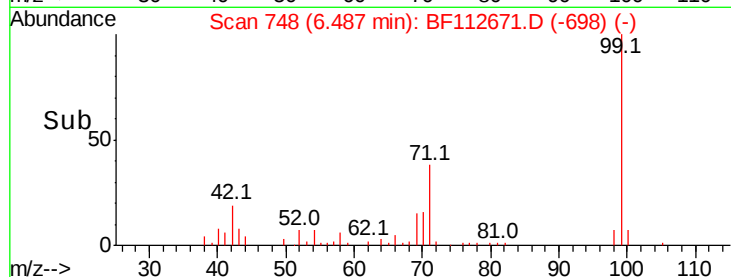
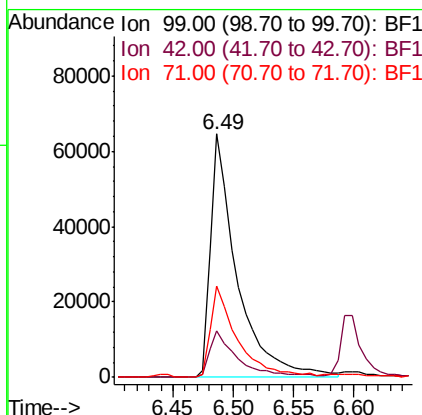
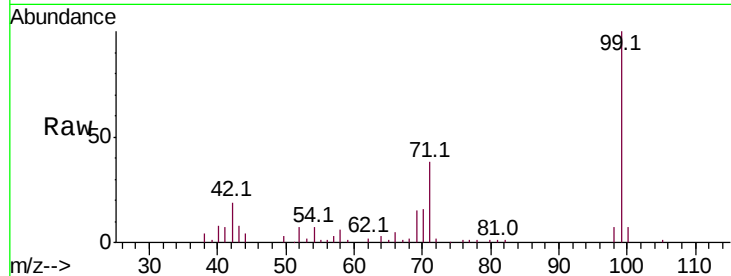
ClientSampled :

25-25

Tot Ion:	99	Resp:	98151
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.1	22.7
71	37.7	26.9	40.3

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#15

Benzyl Alcohol

Concen: 35.866 ng m

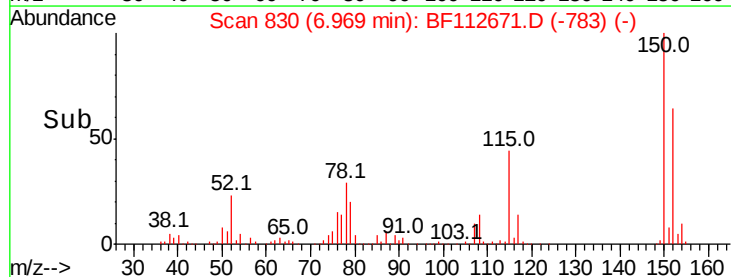
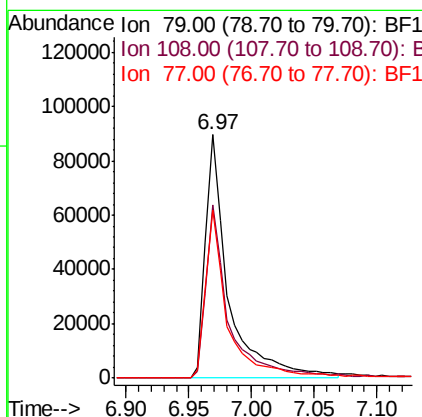
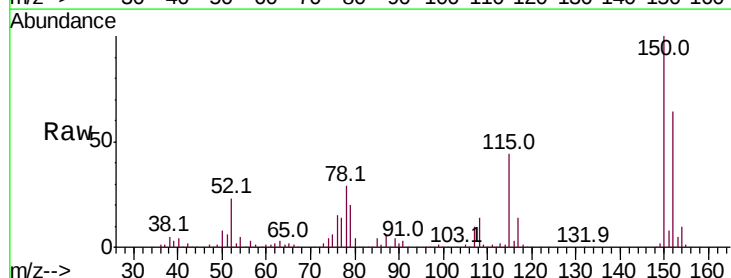
RT: 6.97 min Scan# 830

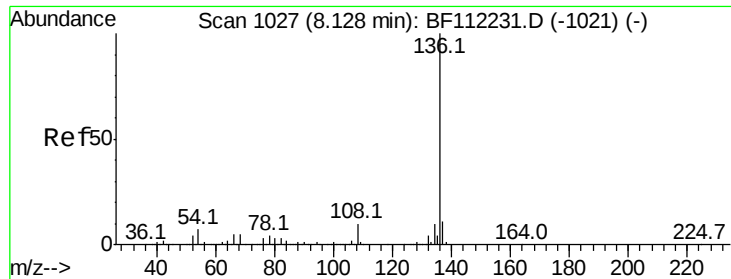
Delta R.T. -0.02 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Tgt Ion:	79	Resp:	115052
Ion Ratio	Lower	Upper	
79	100		
108	71.2	64.2	96.2
77	68.9	50.3	75.5





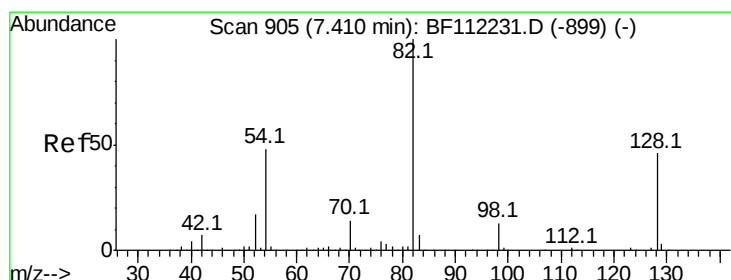
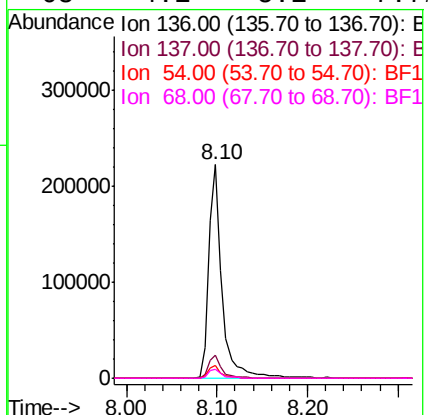
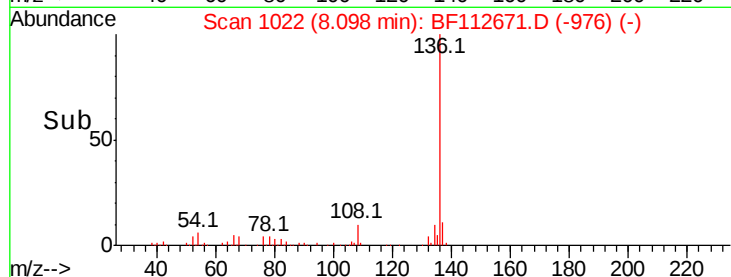
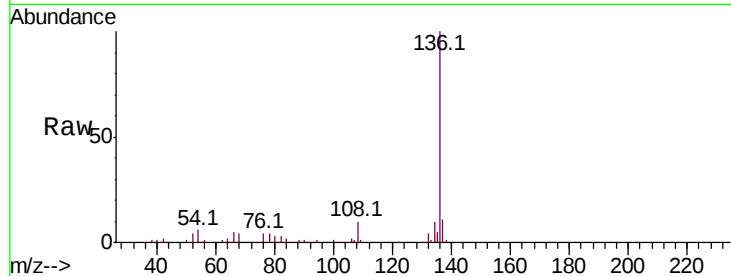
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Instrument :
BNA_F
ClientSampleId :
25-25

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	6.3	5.9	8.9	
68	4.1	5.1	7.7	

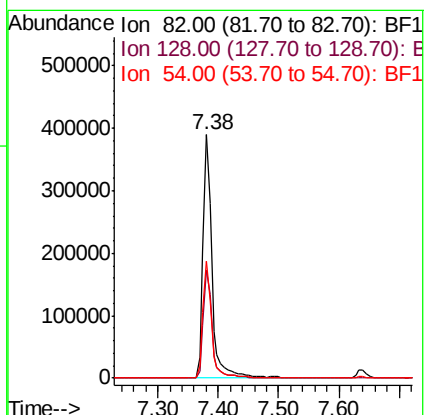
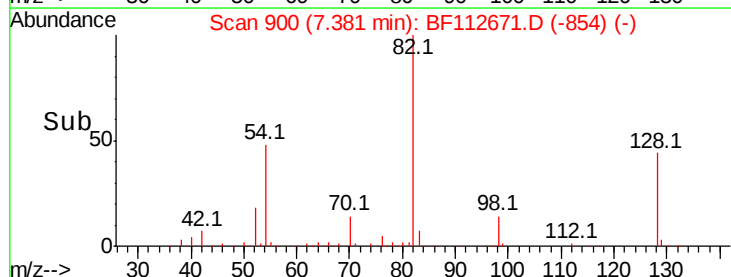
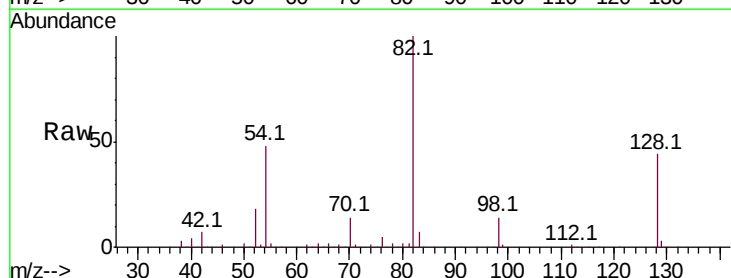
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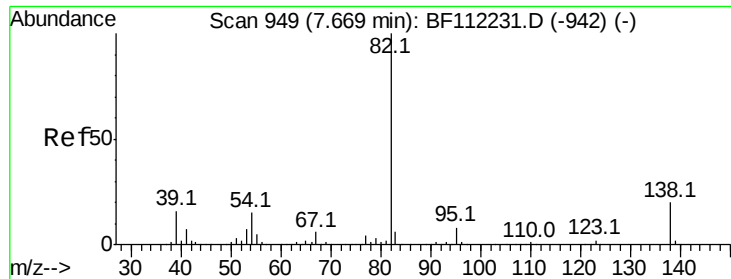
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#23
Nitrobenzene-d5
Concen: 100.874 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	37.8	56.8	
54	48.0	39.7	59.5	





#25

Isophorone

Concen: 2.467 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

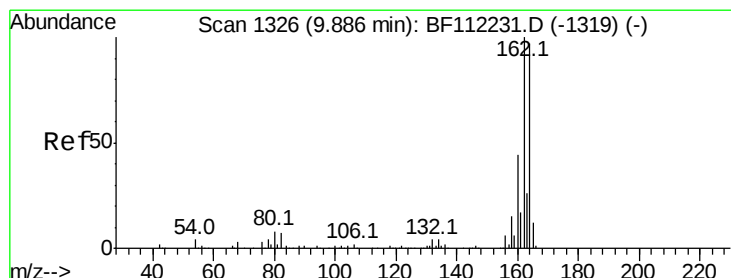
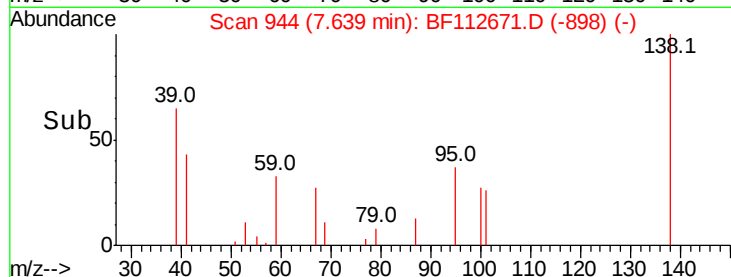
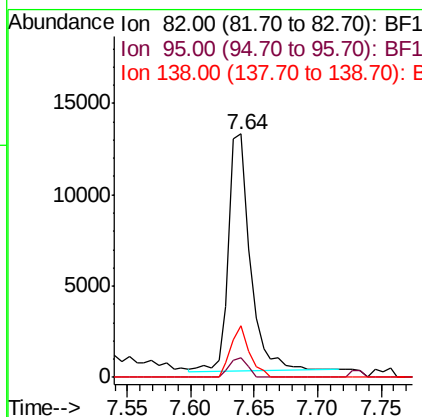
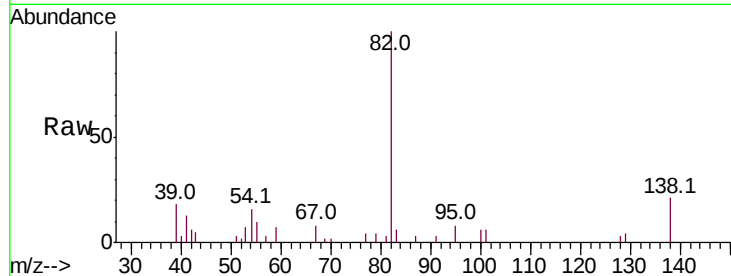
ClientSampleId :

25-25

Tot Ion:	82	Resp:	15519
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.7	8.5
138	21.2	15.4	23.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

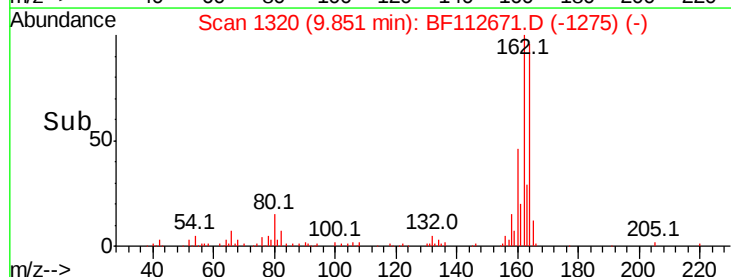
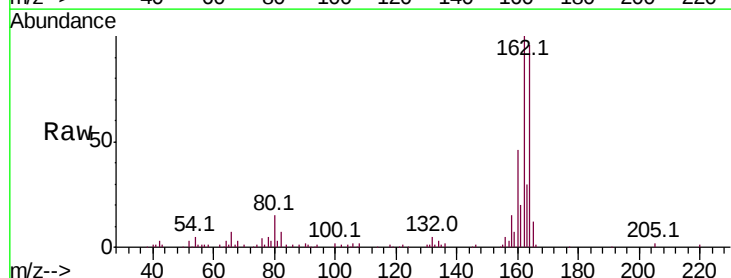
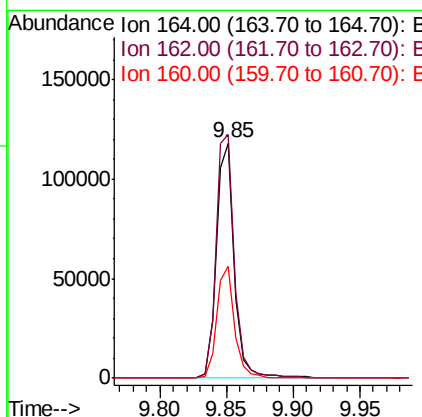
RT: 9.85 min Scan# 1320

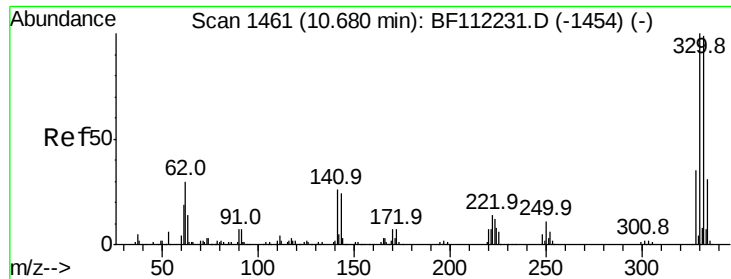
Delta R.T. -0.04 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Tgt Ion:	164	Resp:	111274
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.2	123.4
160	47.5	36.2	54.4





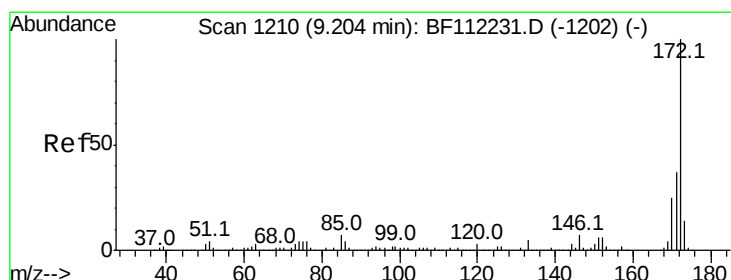
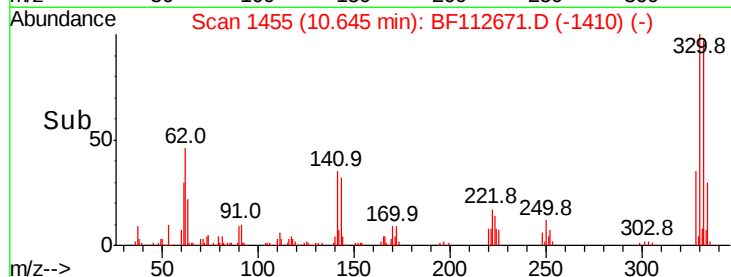
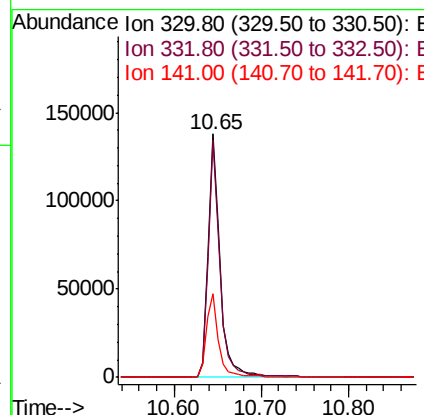
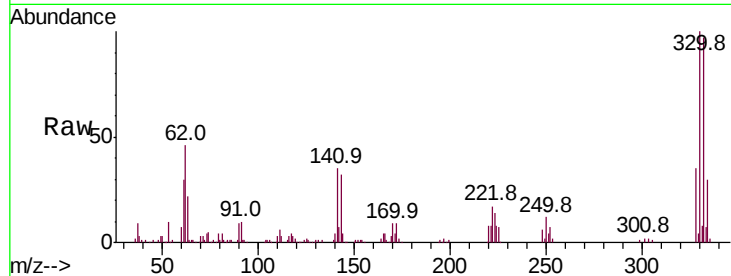
#42
 2,4,6-Tribromophenol
 Concen: 102.094 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112671.D
 Acq: 22 Feb 2019 18:23

Instrument :
 BNA_F
 ClientSampleId :
 25-25

Tot Ion	Ratio	Resp	Lower	Upper
330	100	132232		
332	95.7	76.6	114.8	
141	34.7	24.3	36.5	

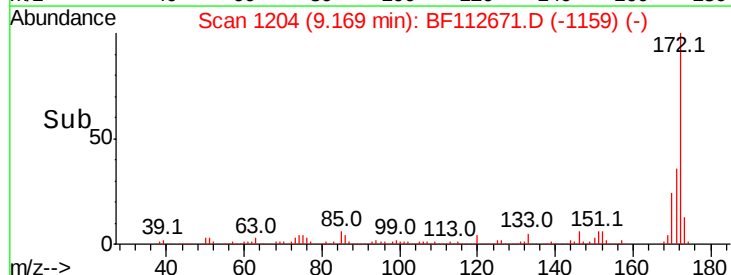
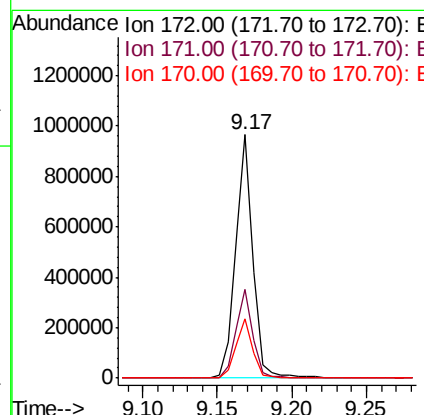
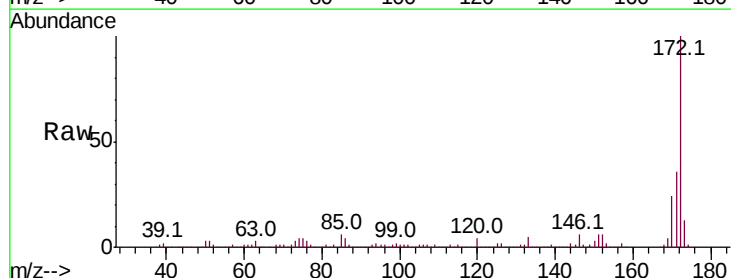
Manual Integrations
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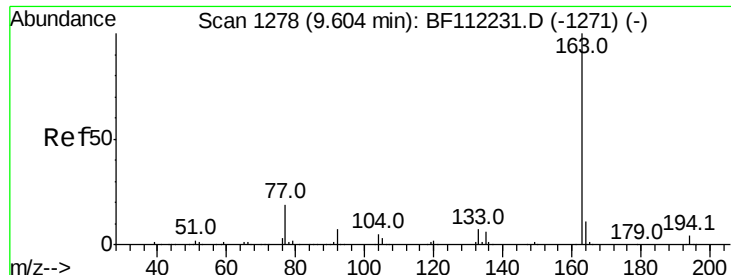
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#45
 2-Fluorobiphenyl
 Concen: 101.232 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112671.D
 Acq: 22 Feb 2019 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	796451		
171	36.2	30.5	45.7	
170	24.2	20.2	30.4	





#50

Dimethylphthalate

Concen: 5.790 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

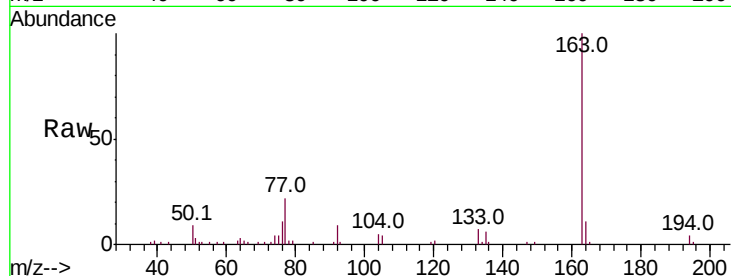
ClientSampled :

25-25

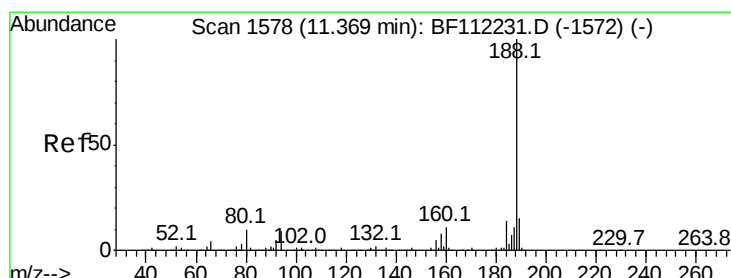
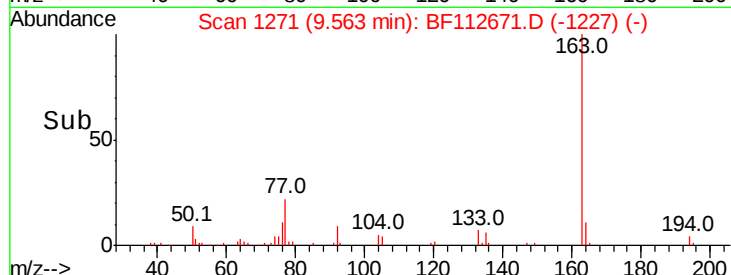
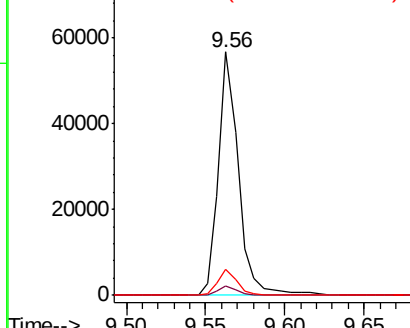
Tot Ion:	163	Resp:	50056
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.6	8.5	12.7

Manual Integrations
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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

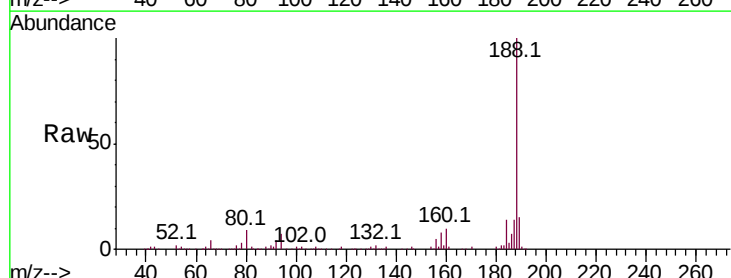
RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

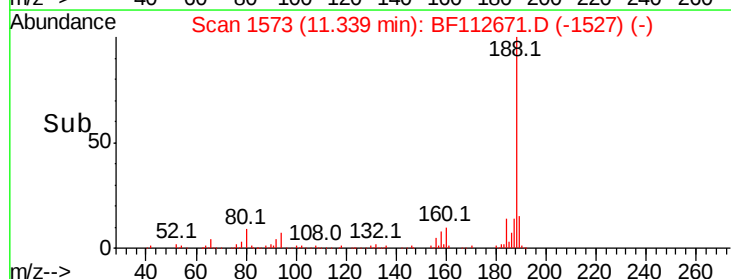
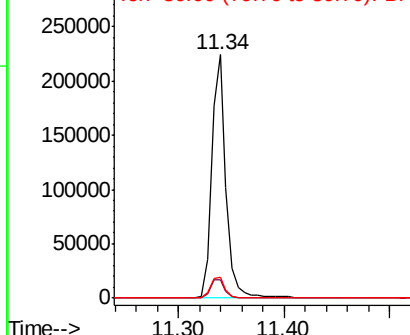
Lab File: BF112671.D

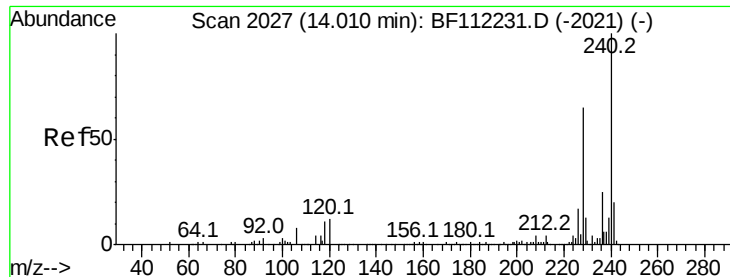
Acq: 22 Feb 2019 18:23

Tgt Ion:	188	Resp:	211041
Ion Ratio	Lower	Upper	
188	100		
94	7.4	8.2	12.2#
80	8.6	8.9	13.3#



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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Instrument :

BNA_F

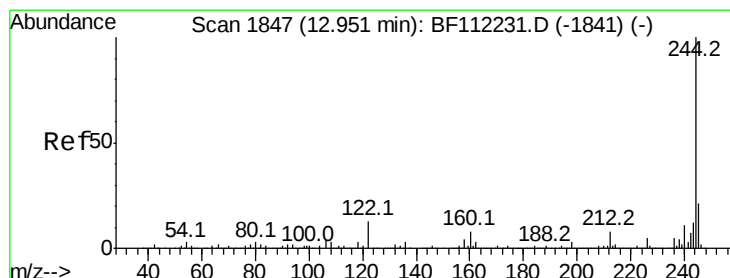
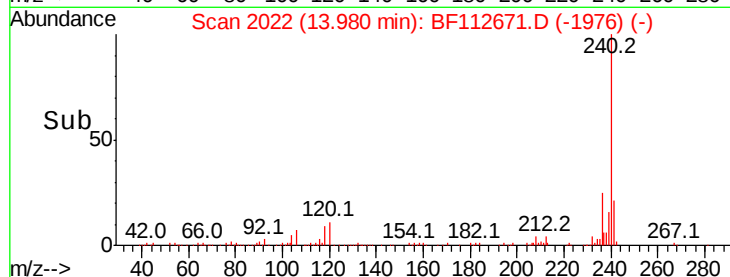
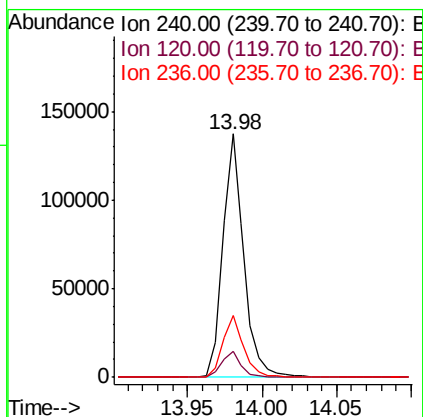
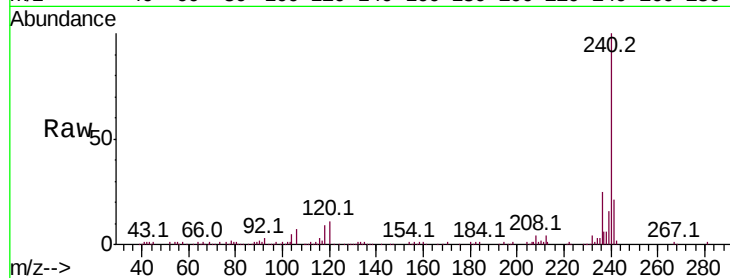
ClientSampleId :

25-25

Tot Ion:	240	Resp:	135801
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.0	13.6
236	25.3	20.7	31.1

Manual Integrations
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#79

Terphenyl-d14

Concen: 88.932 ng

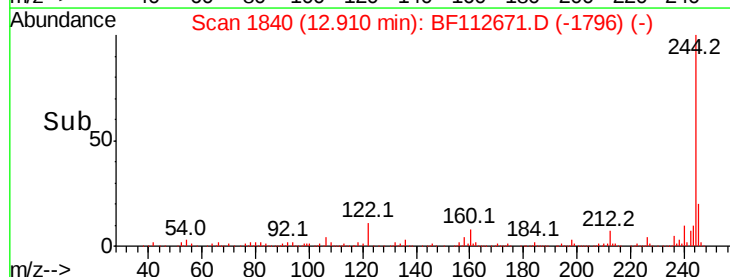
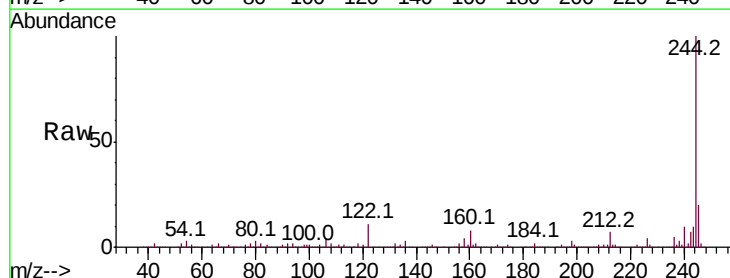
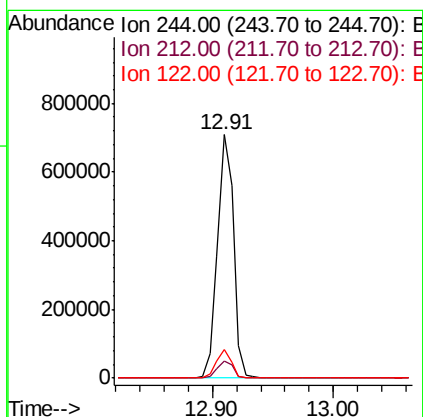
RT: 12.91 min Scan# 1840

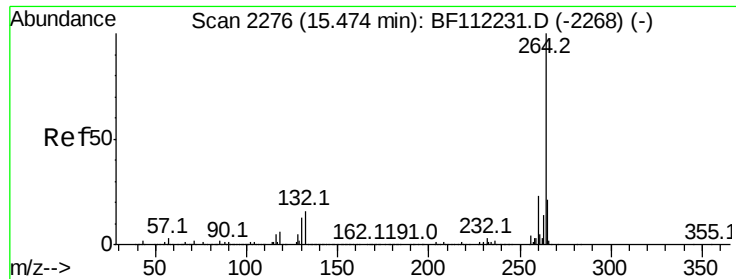
Delta R.T. -0.04 min

Lab File: BF112671.D

Acq: 22 Feb 2019 18:23

Tgt Ion:	244	Resp:	641220
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.9	8.9
122	11.5	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112671.D
Acq: 22 Feb 2019 18:23

Instrument :
BNA_F
ClientSampleId :
25-25

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.4	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:09 AM

