

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111942.D
 Acq On : 9 Jan 2019 11:12
 Operator : JU/SJ
 Sample : K1052-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0103-S-DH-8A

Manual Integrations
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Sohil
 1/10/2019 11:45:44 AM

Quant Time: Jan 09 12:41:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	217055	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	770648	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	365078	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	690513	20.00	ng	0.00
76) Chrysene-d12	14.05	240	495377	20.00	ng	0.00
87) Perylene-d12	15.54	264	442804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1152708	90.86	ng	0.00
7) Phenol-d6	6.53	99	1513789	92.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	965538	66.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	431341	90.84	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1556965	62.19	ng	0.00
79) Terphenyl-d14	12.99	244	1407803	53.95	ng	0.00
Target Compounds						
10) Phenol	6.54	94	77940	4.385	ng	82
50) Dimethylphthalate	9.63	163	182475	6.654	ng	99
78) Pyrene	12.85	202	80514	2.362	ng	97
88) Benzo(b)fluoranthene	15.10	252	60689m	2.291	ng	

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

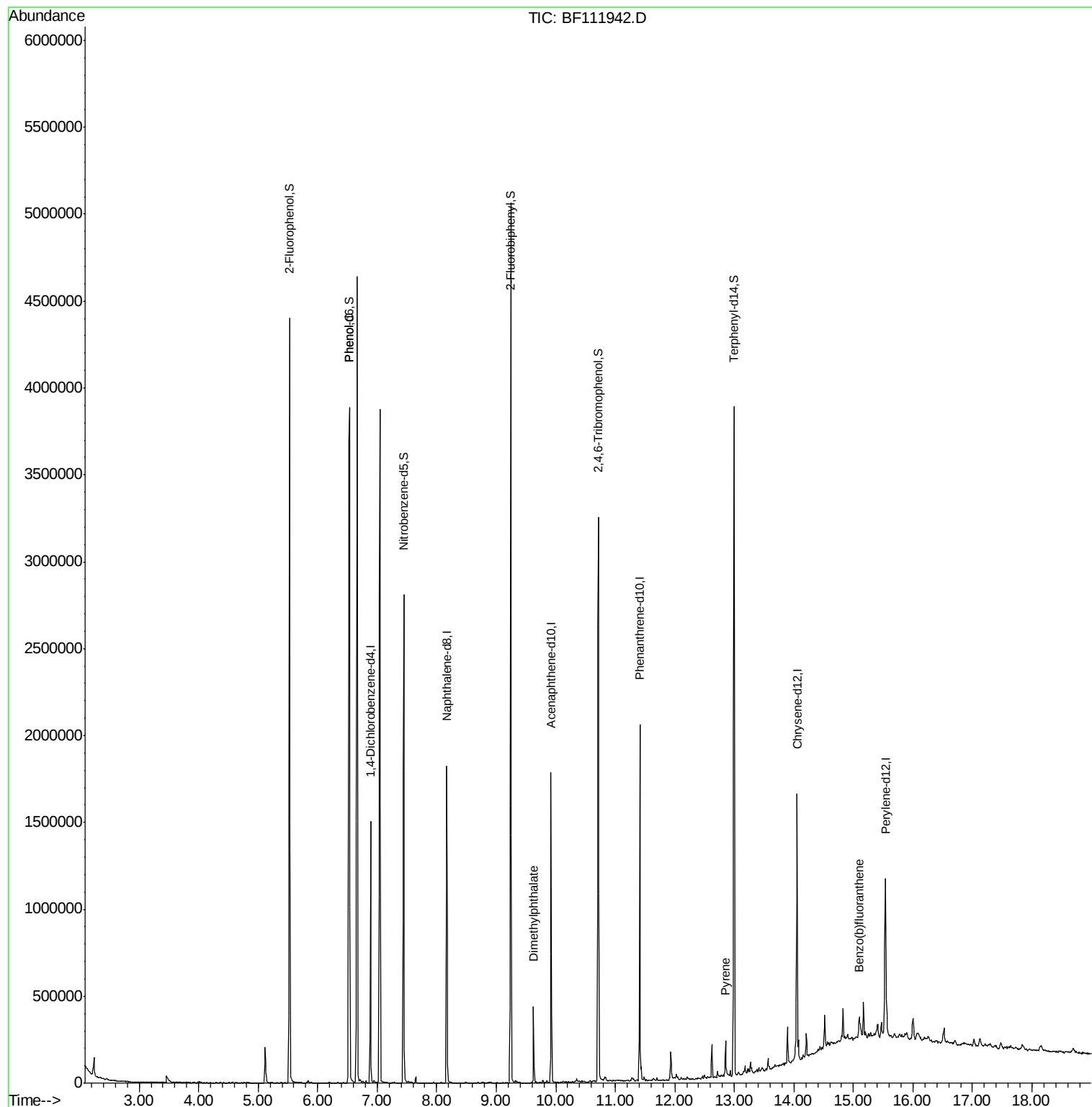
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111942.D
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Sample : K1052-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

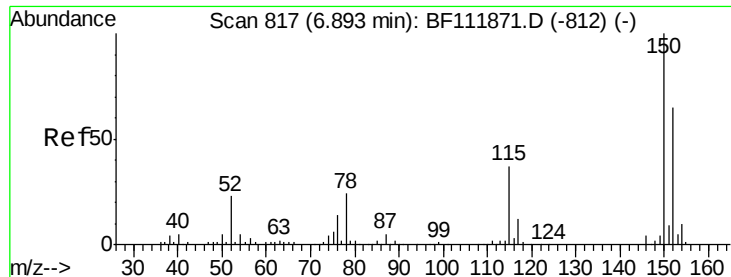
Instrument :
BNA_F
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SSSI-0103-S-DH-8A

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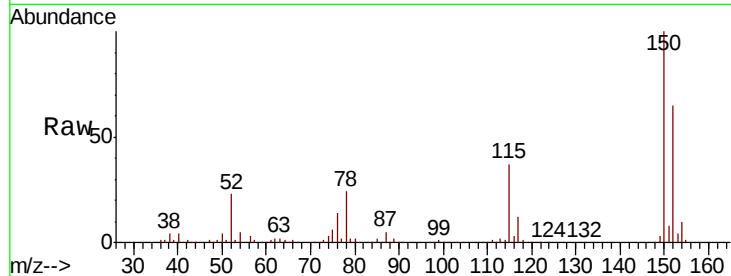
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111942.D
 Acq: 9 Jan 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0103-S-DH-8A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.7	184.1
115	56.0	45.2	67.8

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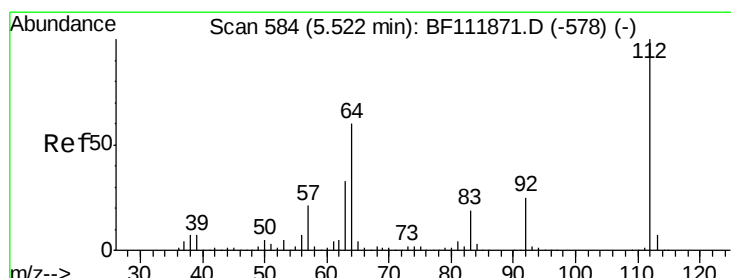
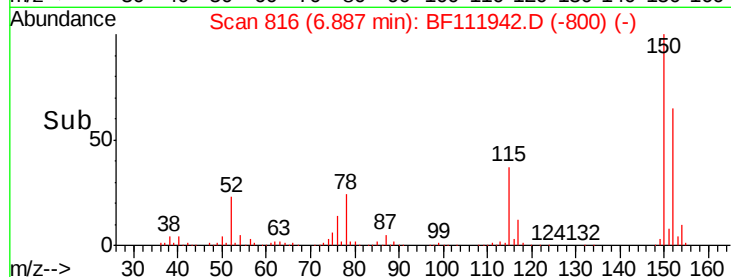
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

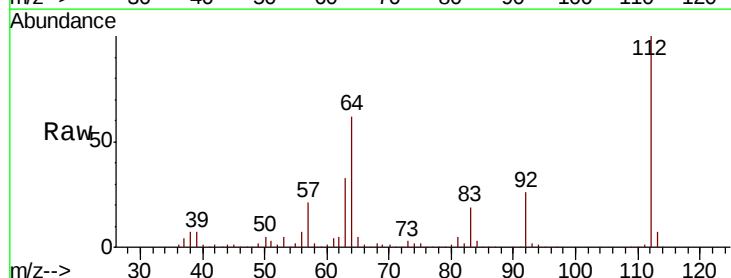
Ion 115.00 (114.70 to 115.70): E

Time-->



#5
 2-Fluorophenol
 Concen: 90.856 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF111942.D
 Acq: 9 Jan 2019 11:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	48.3	72.5
63	32.9	26.1	39.1



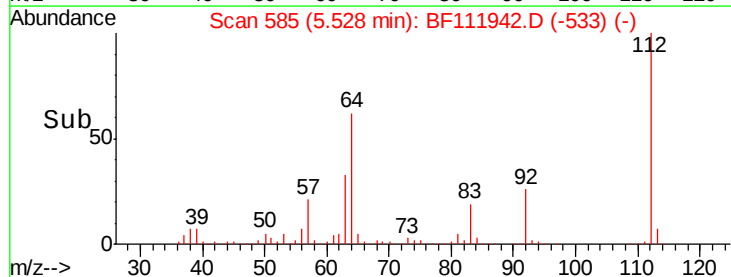
Abundance

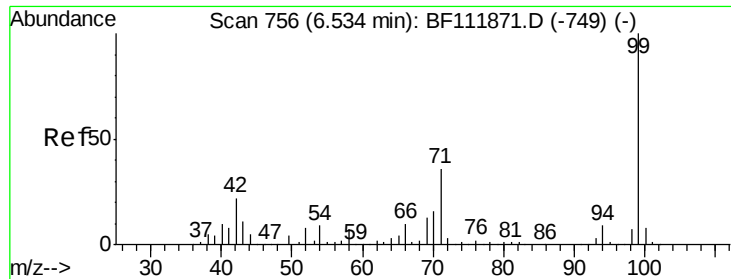
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 92.573 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111942.D

Acq: 9 Jan 2019 11:12

Instrument :

BNA_F

ClientSampleId :

SSSI-0103-S-DH-8A

Tot Ion: 99 Resp: 1513789

Ion Ratio Lower Upper

99 100

42 20.8 17.9 26.9

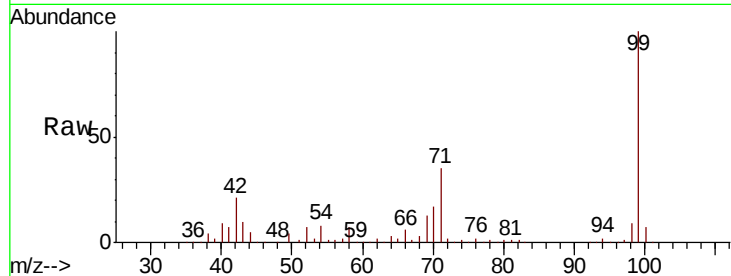
71 35.4 28.7 43.1

Manual Integrations

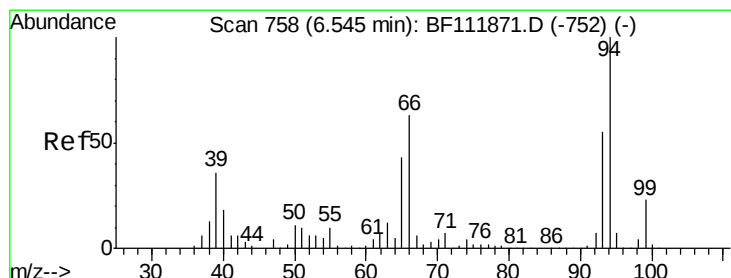
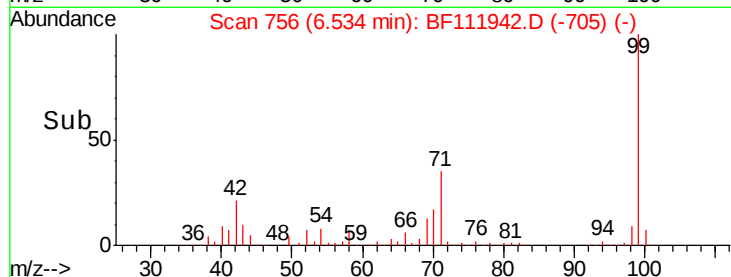
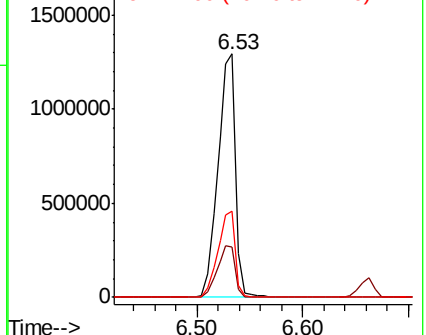
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.385 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111942.D

Acq: 9 Jan 2019 11:12

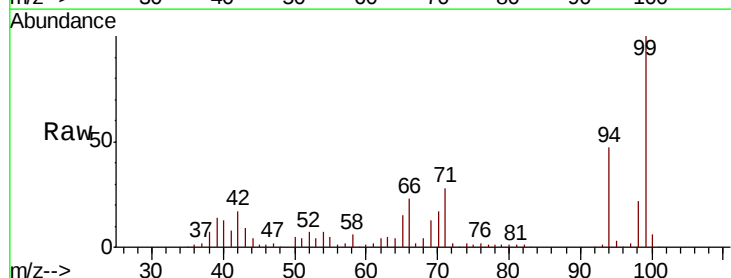
Tgt Ion: 94 Resp: 77940

Ion Ratio Lower Upper

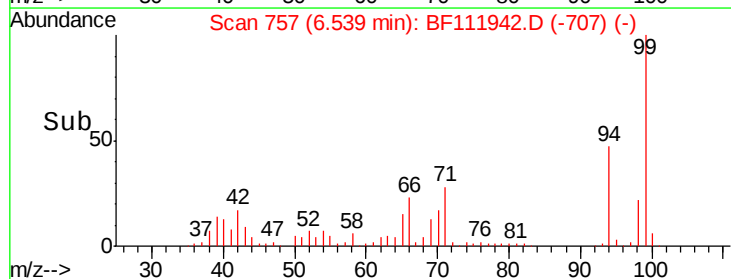
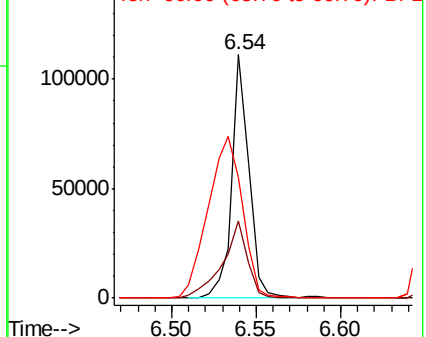
94 100

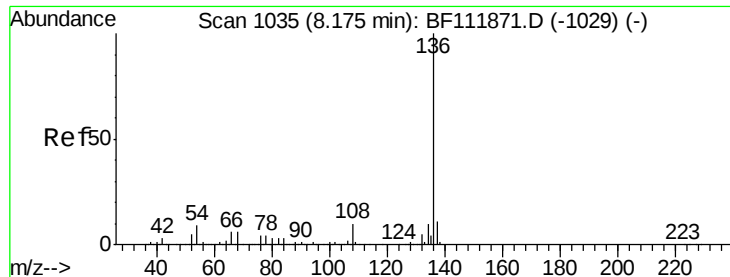
65 31.8 22.8 62.8

66 49.5 43.3 83.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111942.D

Acq: 9 Jan 2019 11:12

Instrument :

BNA_F

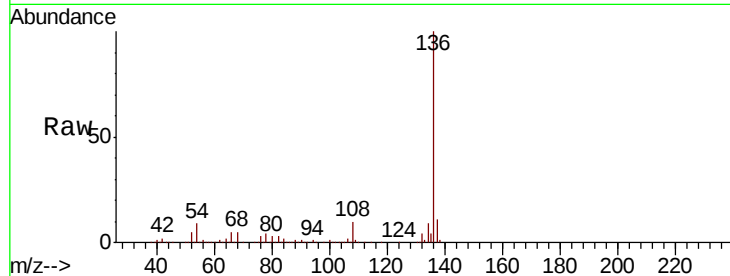
ClientSampleId :

SSSI-0103-S-DH-8A

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.7	7.2	10.8
68	5.4	4.4	6.6

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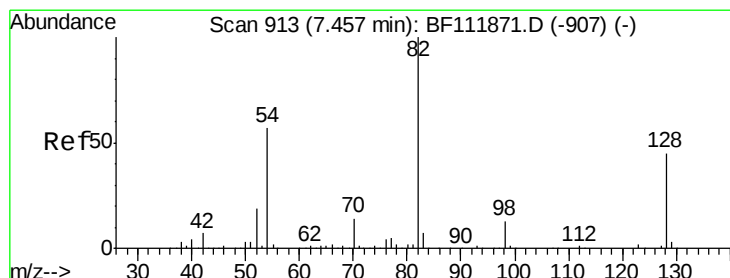
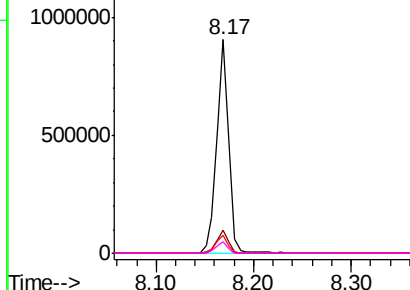
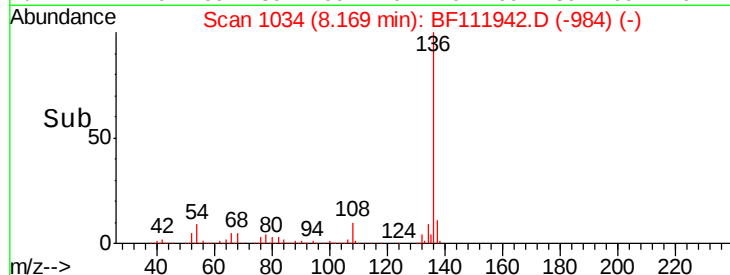


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 66.961 ng

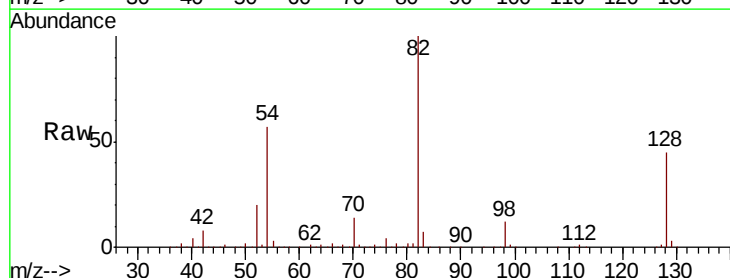
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111942.D

Acq: 9 Jan 2019 11:12

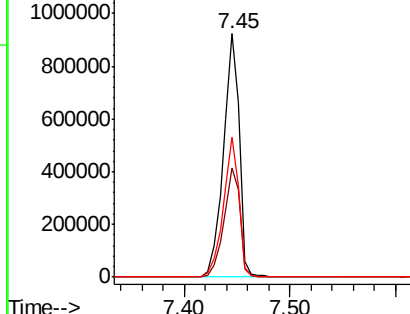
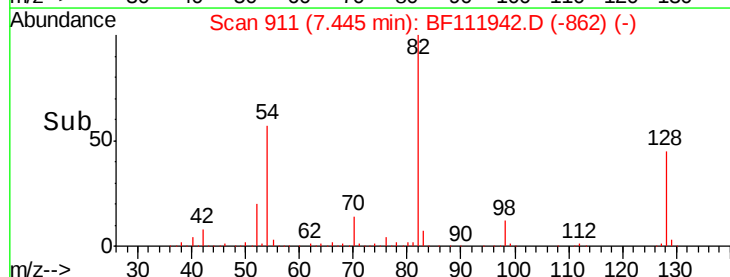
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	57.3	45.8	68.8

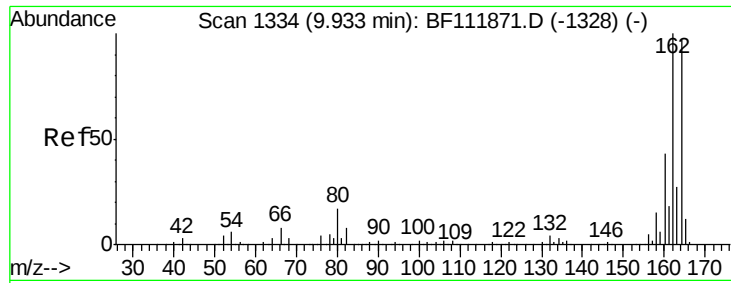


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





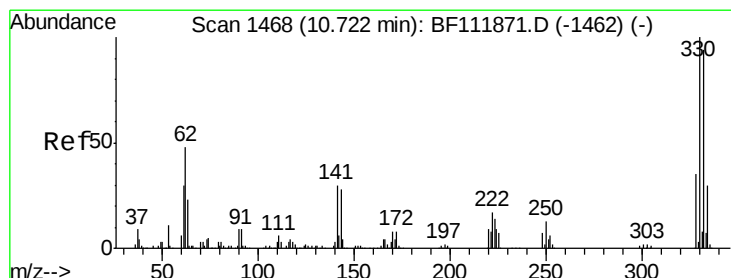
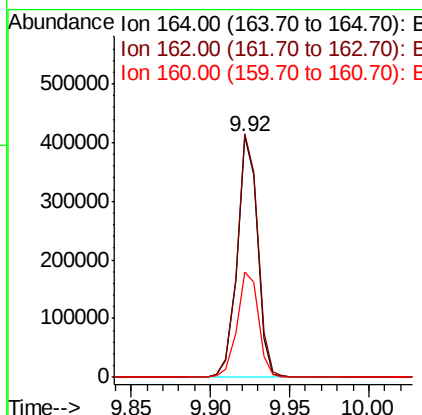
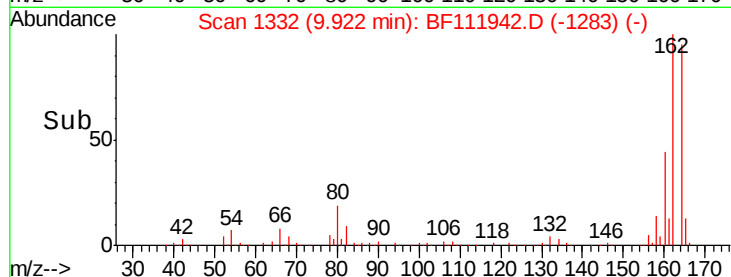
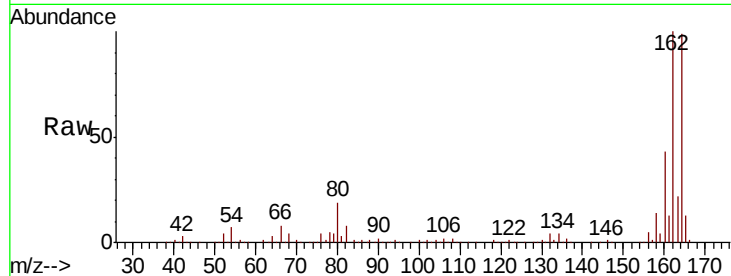
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Instrument :
BNA_F
ClientSampleId :
SSSI-0103-S-DH-8A

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	43.8	35.5	53.3

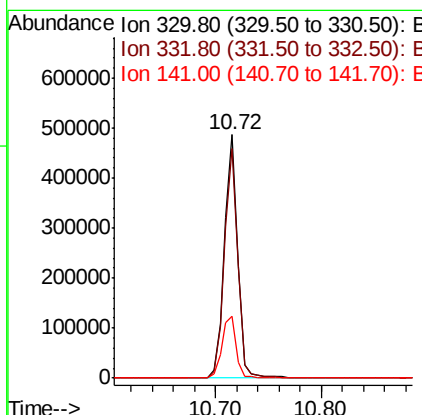
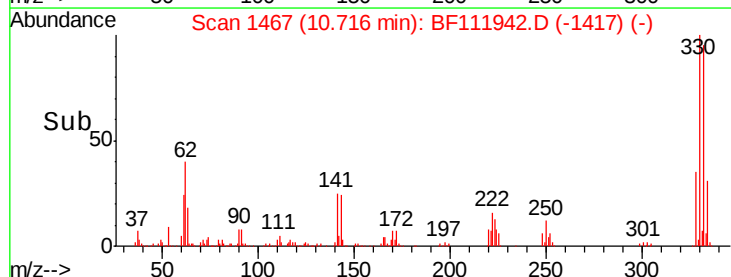
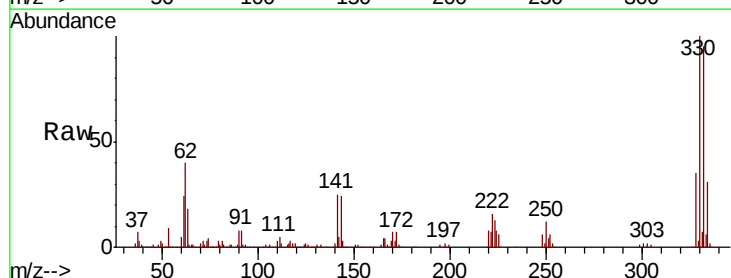
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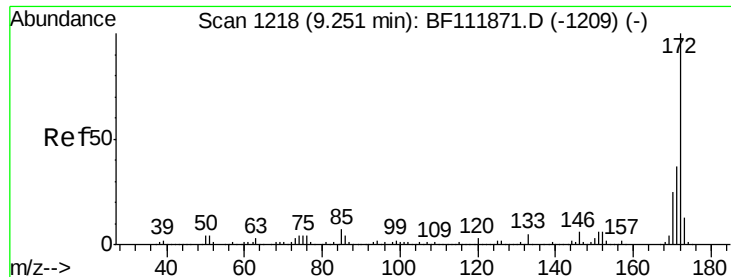
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#42
2,4,6-Tribromophenol
Concen: 90.836 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	27.8	23.7	35.5





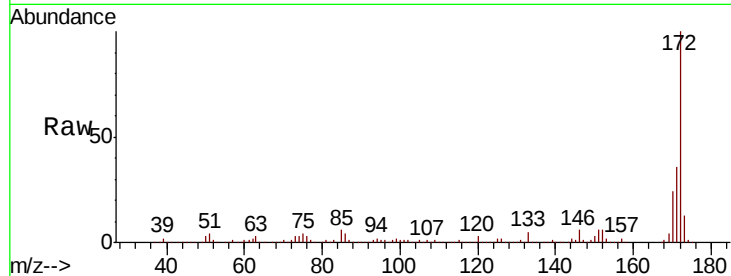
#45
2-Fluorobiphenyl
Concen: 62.189 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Instrument :
BNA_F
ClientSampleId :
SSSI-0103-S-DH-8A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8

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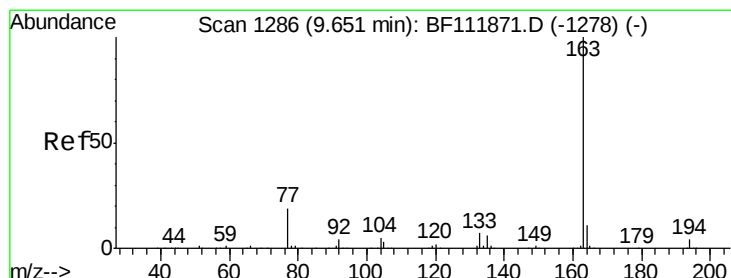
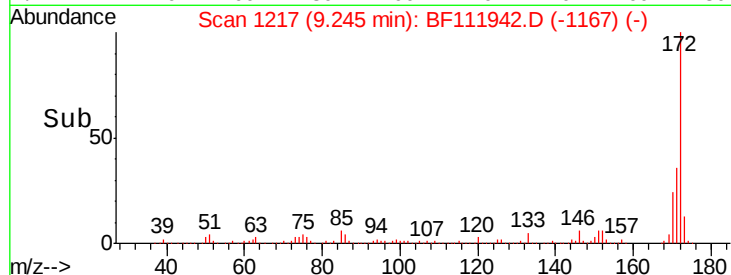
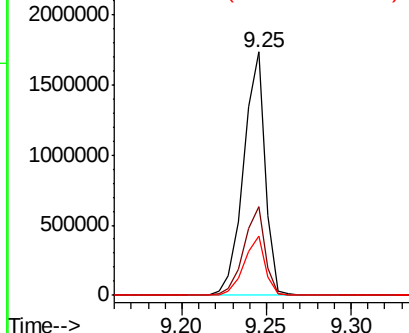


Abundance

Ion 172.00 (171.70 to 172.70): E

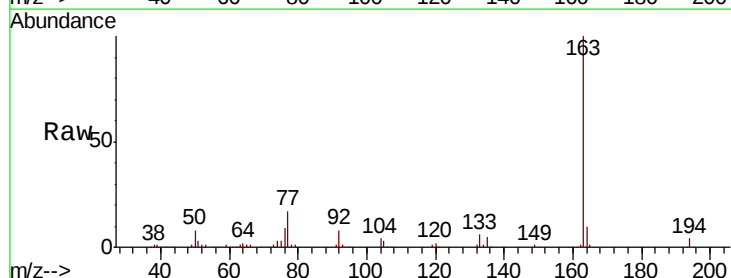
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.654 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	8.5	12.7

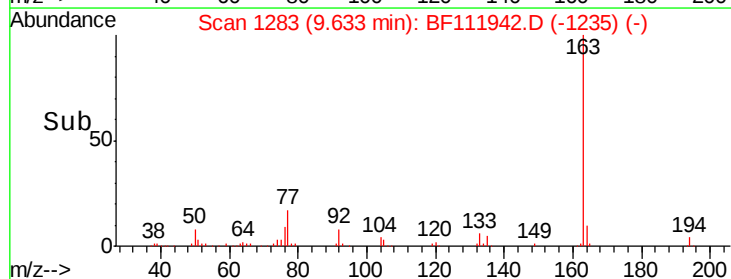
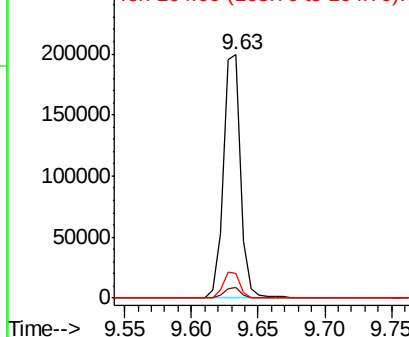


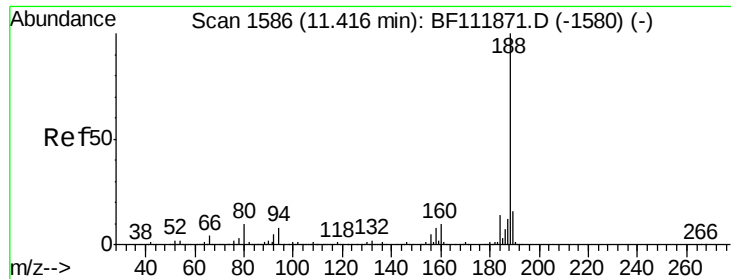
Abundance

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111942.D

Acq: 9 Jan 2019 11:12

Instrument :

BNA_F

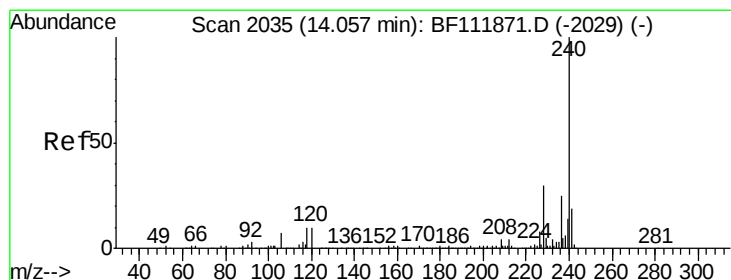
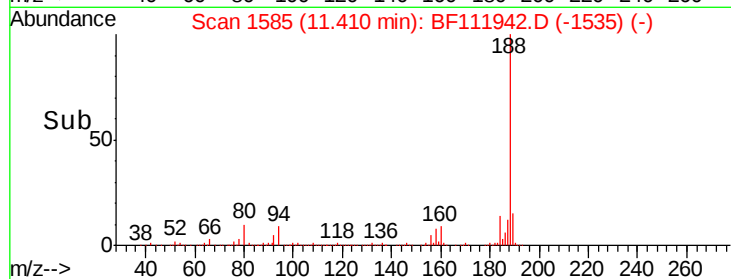
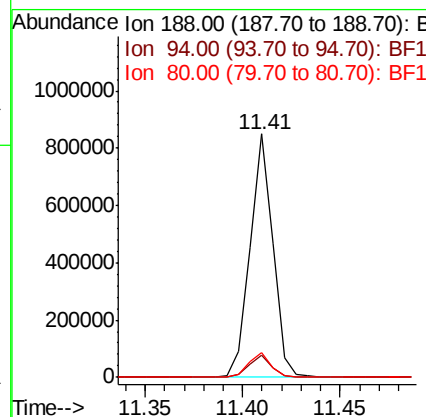
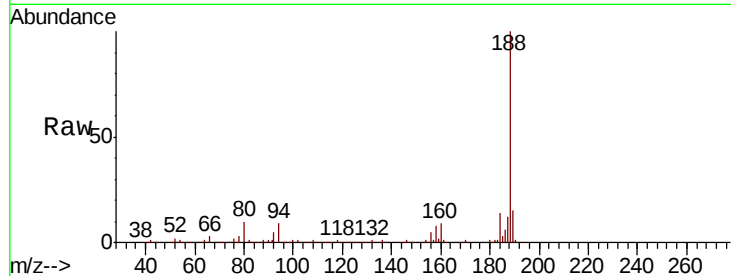
ClientSampleId :

SSSI-0103-S-DH-8A

Tot Ion:	188	Resp:	690513
Ion Ratio	Lower	Upper	
188	100		
94	9.1	6.6	10.0
80	9.9	7.7	11.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

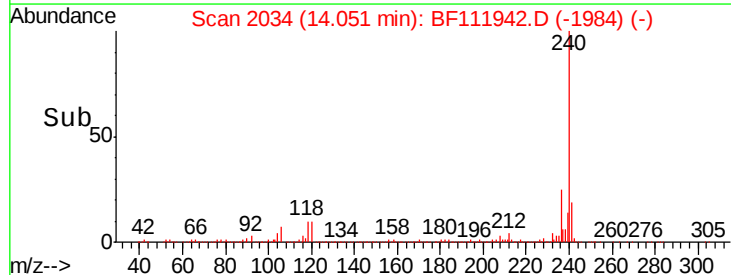
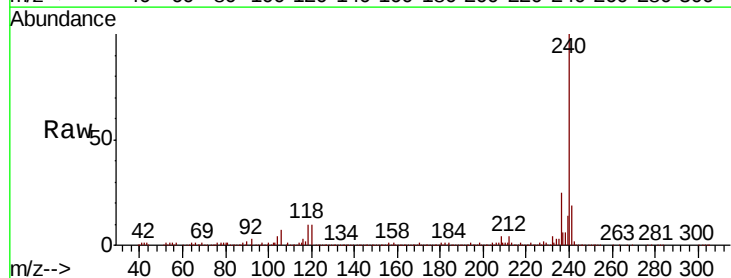
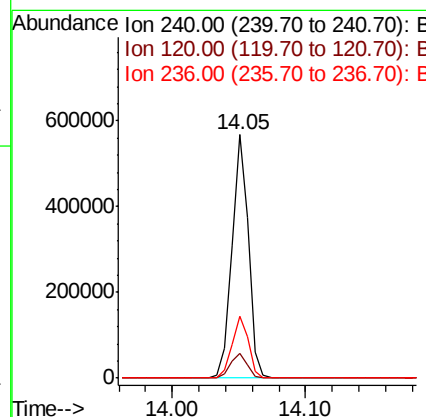
RT: 14.05 min Scan# 2034

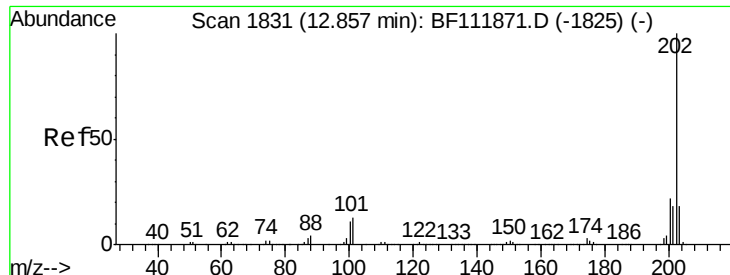
Delta R.T. -0.01 min

Lab File: BF111942.D

Acq: 9 Jan 2019 11:12

Tgt Ion:	240	Resp:	495377
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.2	12.2
236	25.5	20.2	30.4





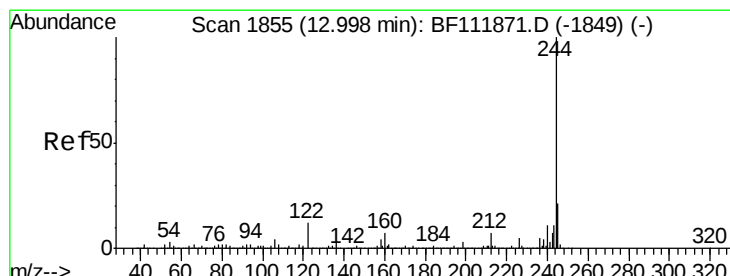
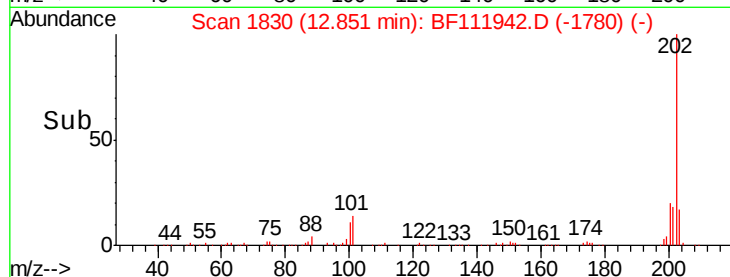
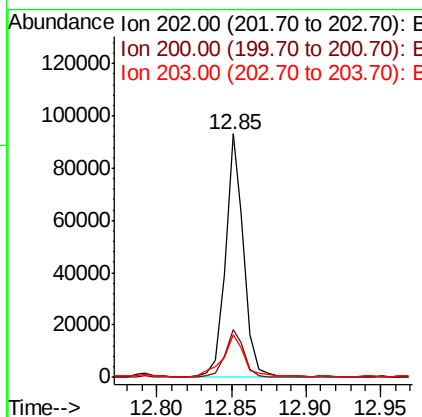
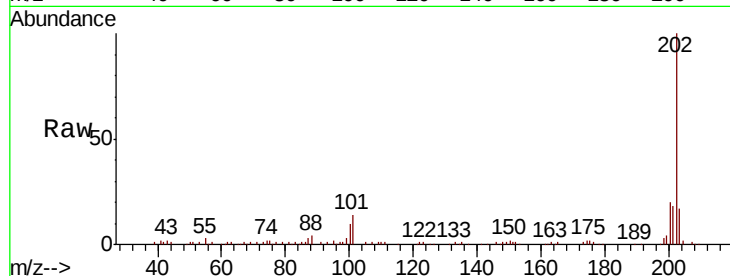
#78
Pvrene
Concen: 2.362 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Instrument :
BNA_F
ClientSampleId :
SSSI-0103-S-DH-8A

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.3	14.6	21.8

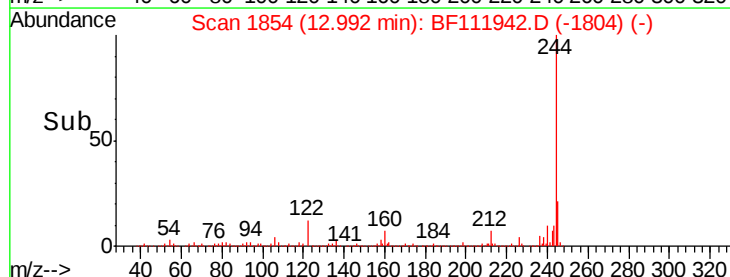
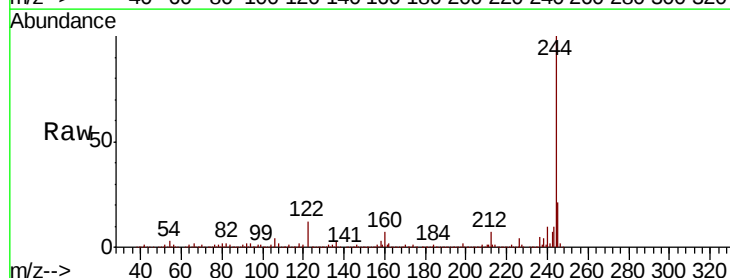
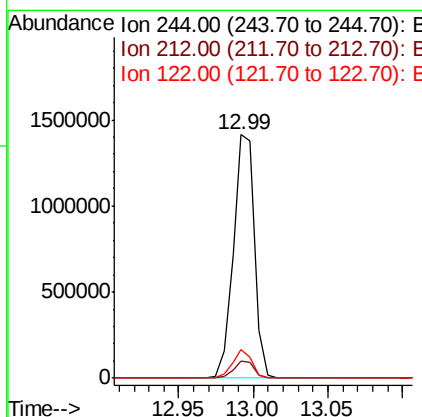
Manual Integrations
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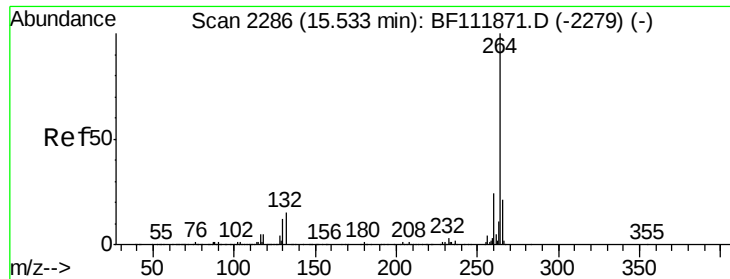
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1/10/2019 11:45:44 AM



#79
Terphenyl-d14
Concen: 53.945 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	9.5	14.3





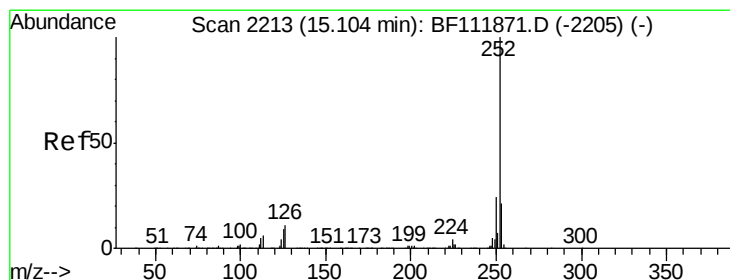
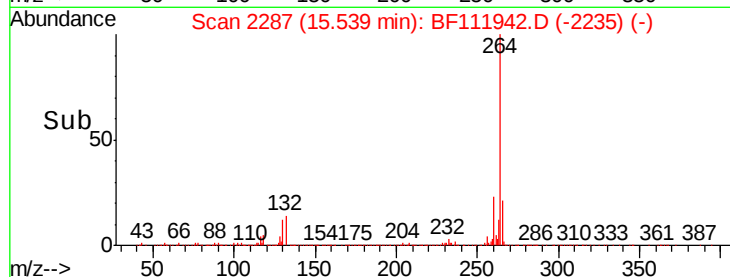
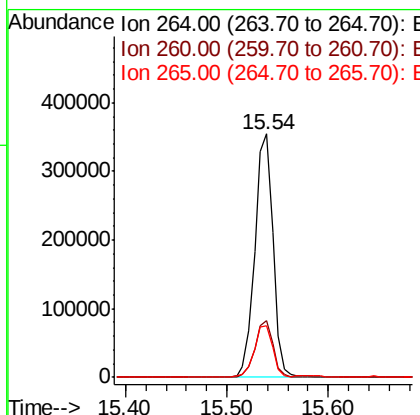
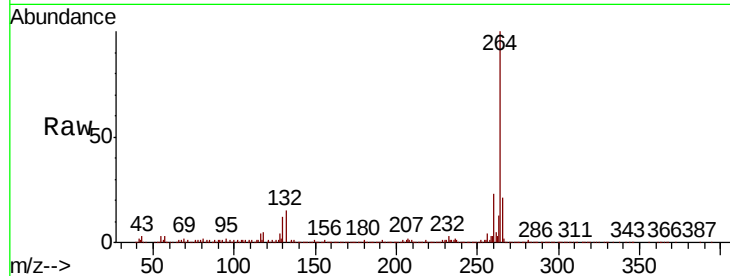
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Instrument :
BNA_F
ClientSampleId :
SSSI-0103-S-DH-8A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.1	25.7

Manual Integrations
APPROVED

Sohil
1/10/2019 11:45:44 AM



#88
Benzo(b)fluoranthene
Concen: 2.291 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF111942.D
Acq: 9 Jan 2019 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	12.9	7.1	10.7#

