

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112720.D
 Acq On : 27 Feb 2019 15:42
 Operator : JU/SJ
 Sample : K1613-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Manual Integrations
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Sohil
 2/28/2019 12:46:58 PM

Quant Time: Feb 28 02:48:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	225732	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	829014	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	371344	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	656106	20.00	ng	0.00
76) Chrysene-d12	13.87	240	450792	20.00	ng	0.00
87) Perylene-d12	15.27	264	526306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1693724	116.72	ng	0.01
7) Phenol-d6	6.37	99	2182682	119.74	ng	0.00
23) Nitrobenzene-d5	7.30	82	1309652	94.53	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	431302	109.40	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1937265	90.36	ng	0.00
79) Terphenyl-d14	12.83	244	1601205	68.86	ng	0.00
Target Compounds						
10) Phenol	6.39	94	74368	3.496	ng	88
50) Dimethylphthalate	9.49	163	157259	5.743	ng	98
78) Pyrene	12.67	202	90988	2.394	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	183467	9.325	ng	98
88) Benzo(b)fluoranthene	14.87	252	78378m	2.302	ng	

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

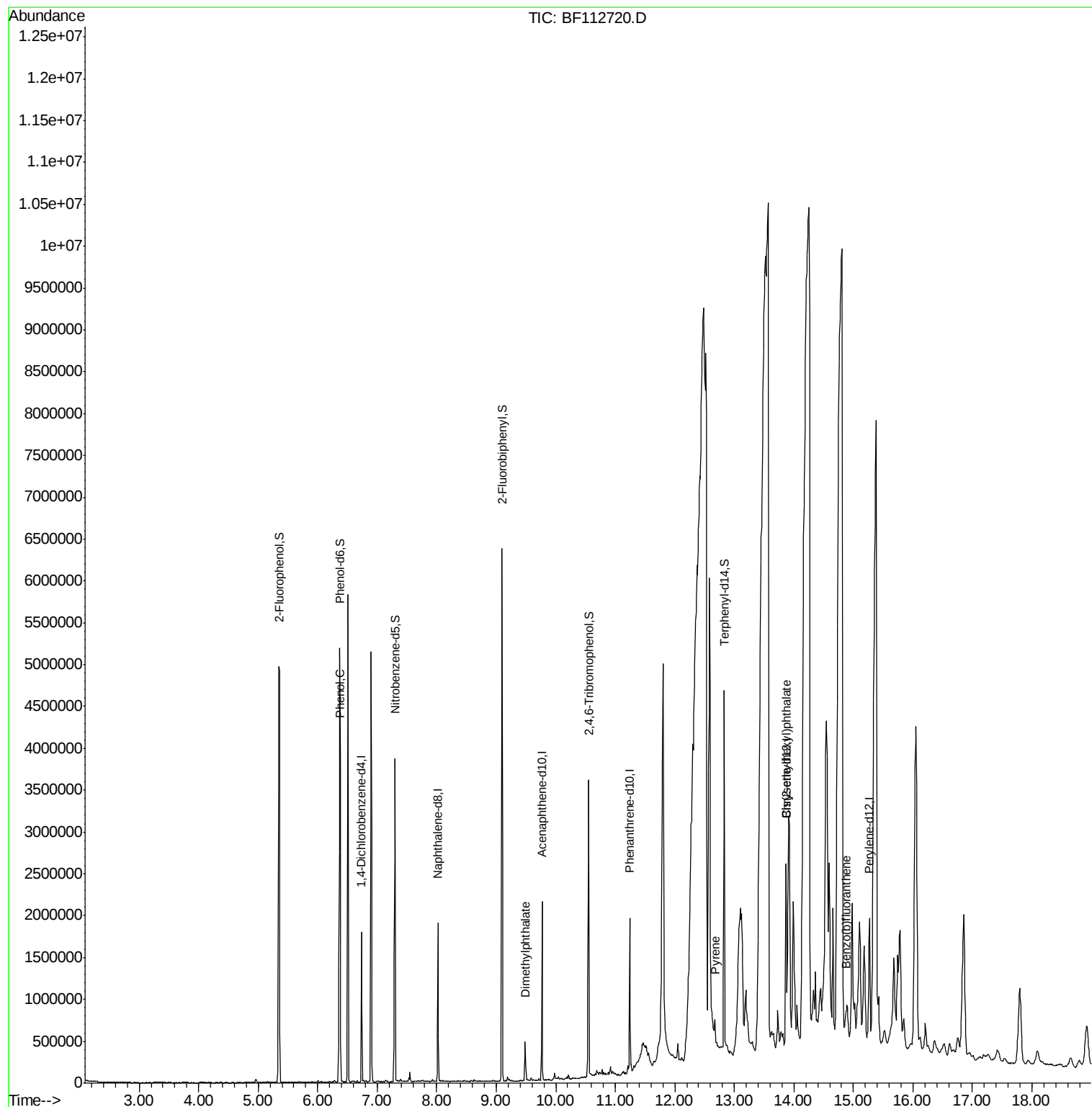
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112720.D
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Operator : JU/SJ
Sample : K1613-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

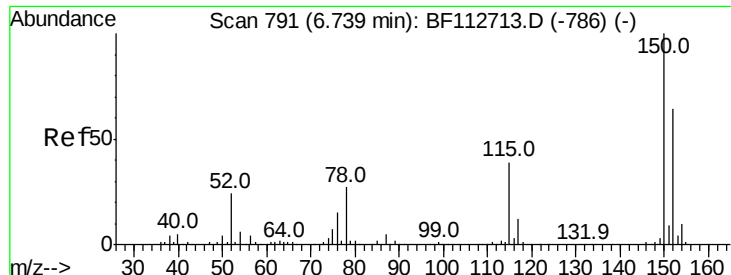
Instrument :
BNA_F
ClientSampleId :
R-1

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#1

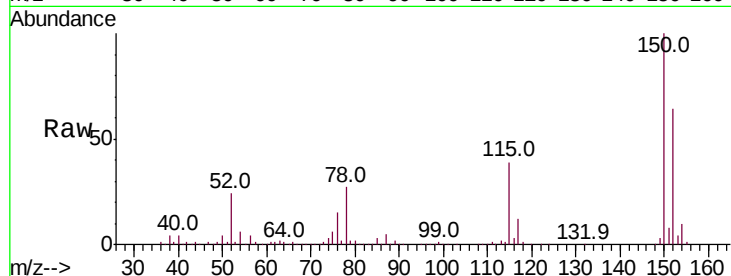
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampleId :
R-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	61.2	48.2	72.4

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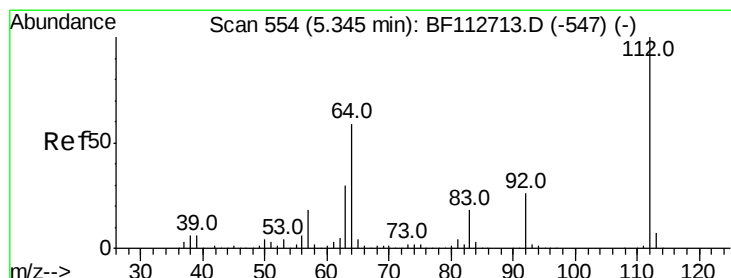
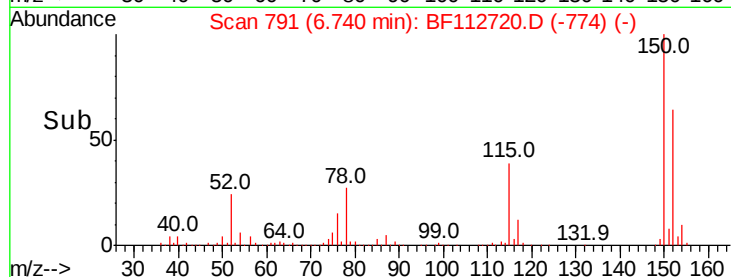
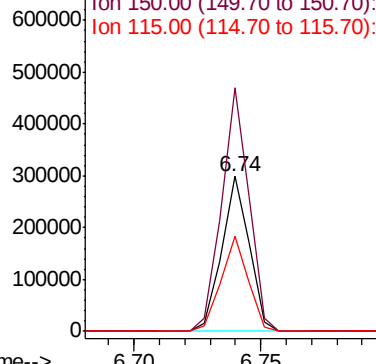


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

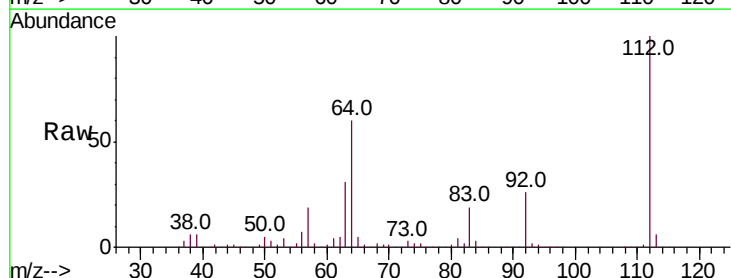
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.716 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.6	71.4
63	31.3	24.4	36.6

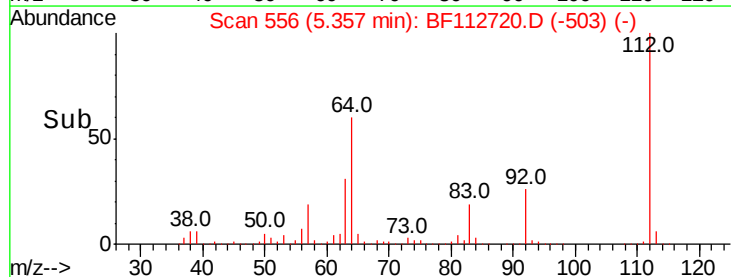
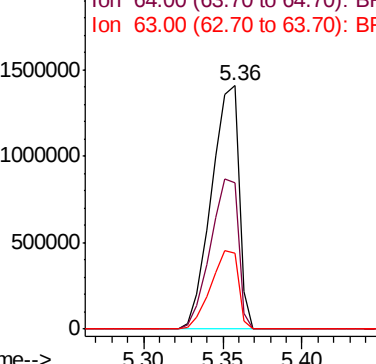


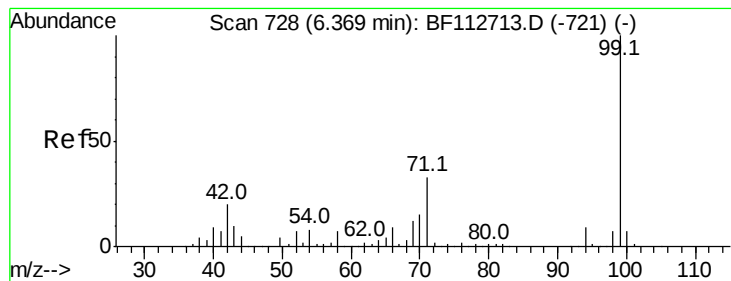
Abundance

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: 119.738 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

Tot Ion: 99 Resp: 2182682

Ion Ratio Lower Upper

99 100

42 21.0 16.3 24.5

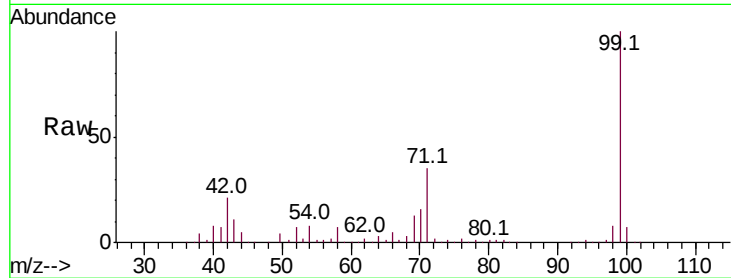
71 34.6 26.2 39.4

Manual Integrations

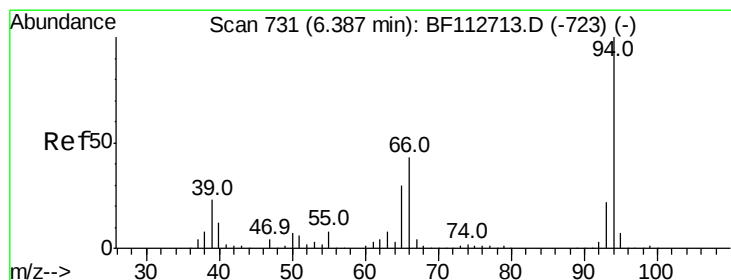
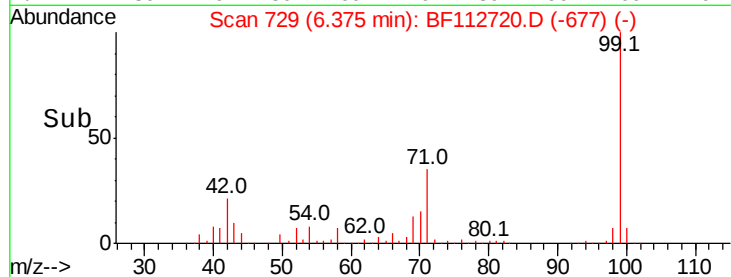
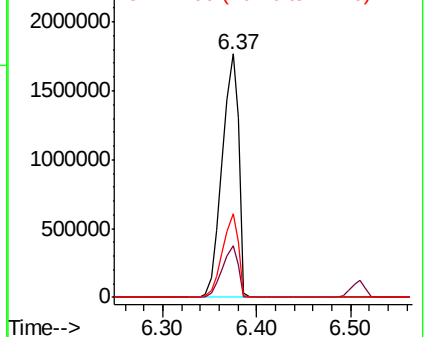
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.496 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

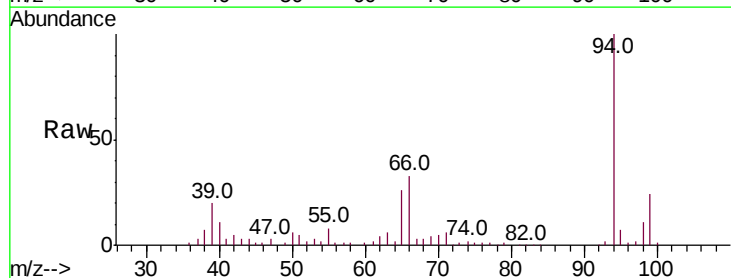
Tgt Ion: 94 Resp: 74368

Ion Ratio Lower Upper

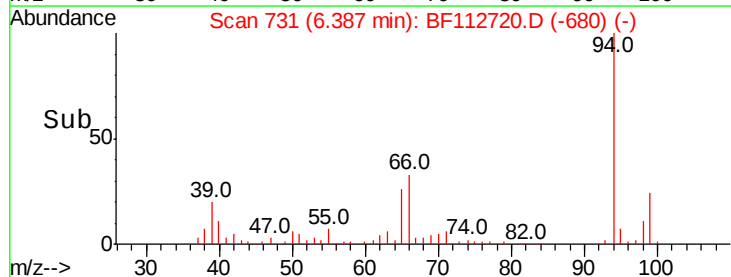
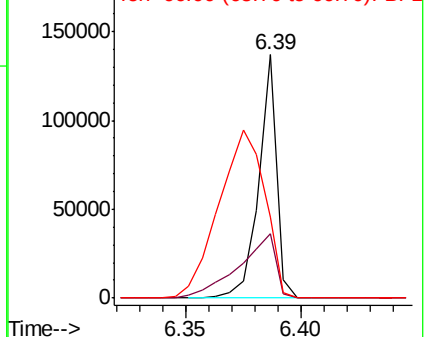
94 100

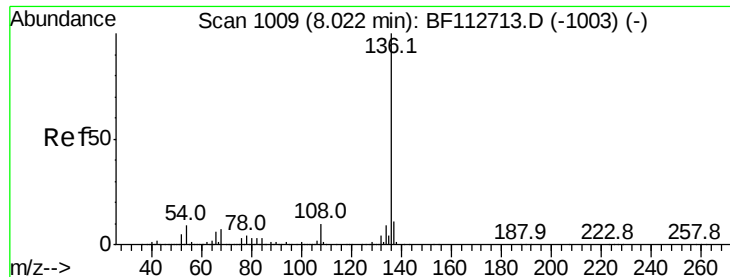
65 26.4 10.5 50.5

66 33.3 22.6 62.6



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: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

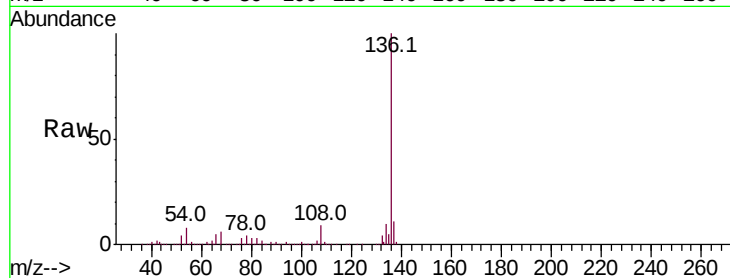
ClientSampled :

R-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	829014		
137	10.9		8.9	13.3
54	8.2		7.3	10.9
68	6.0		5.4	8.2

Manual Integrations
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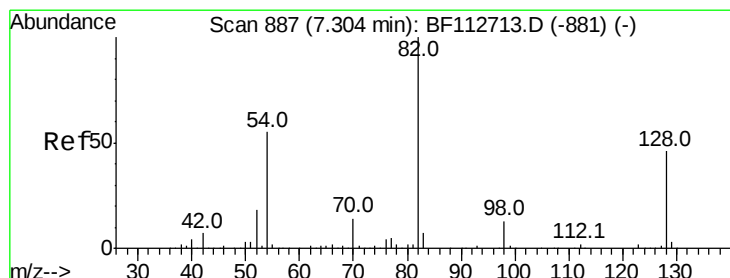
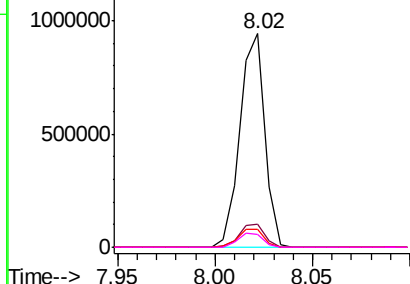
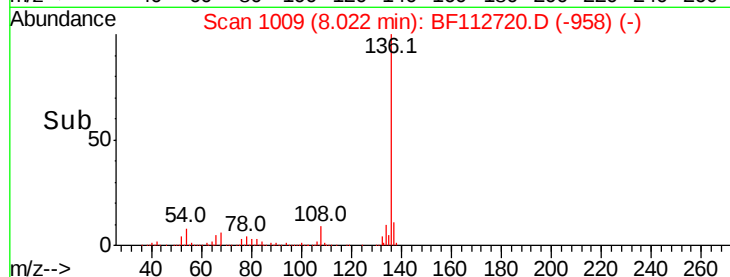
Abundance

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: 94.530 ng

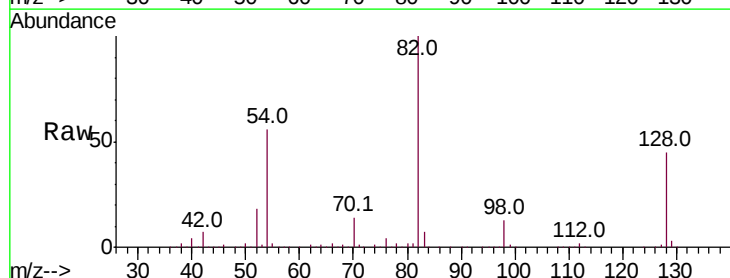
RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1309652		
128	44.6		36.3	54.5
54	55.8		43.7	65.5

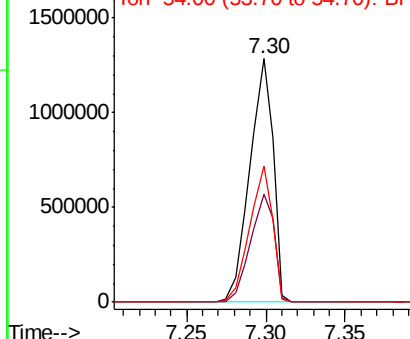
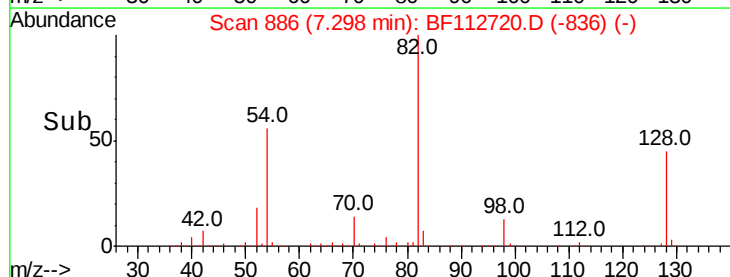


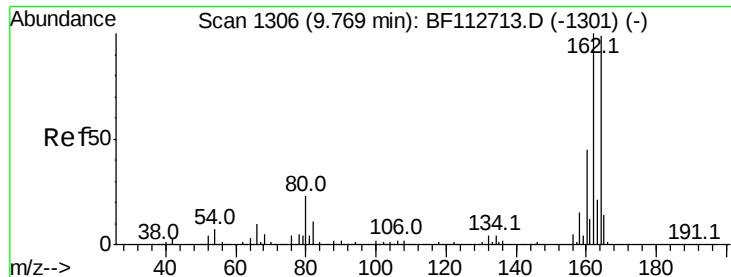
Abundance

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





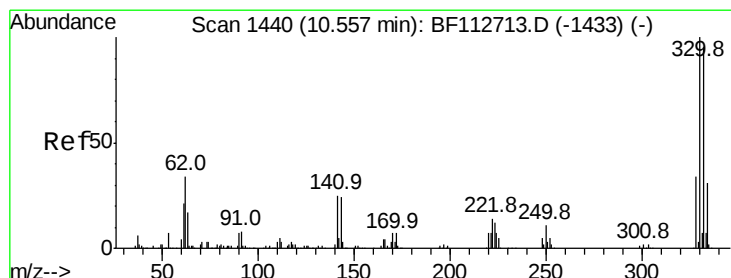
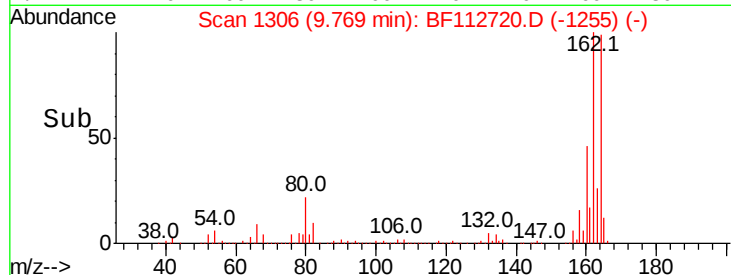
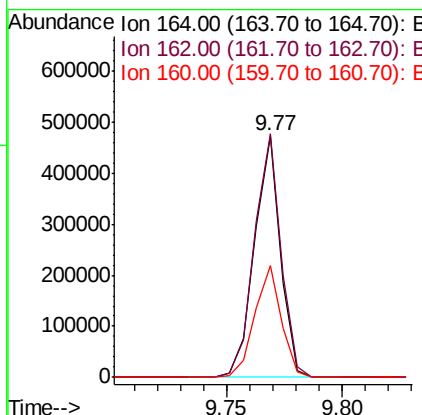
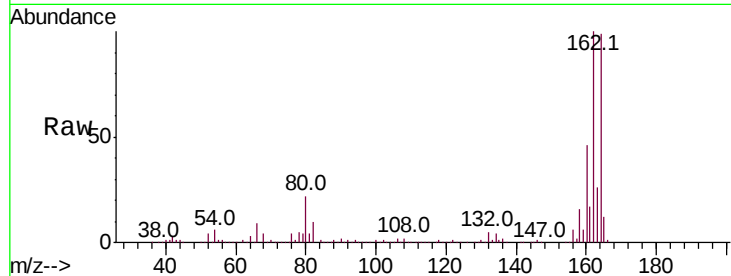
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampleId :
R-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	46.2	36.0	54.0

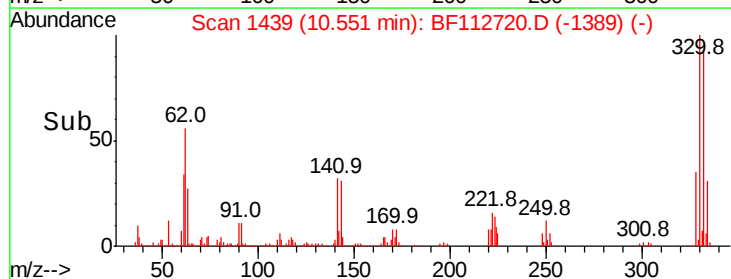
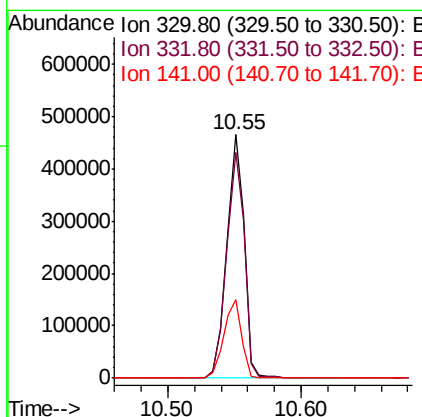
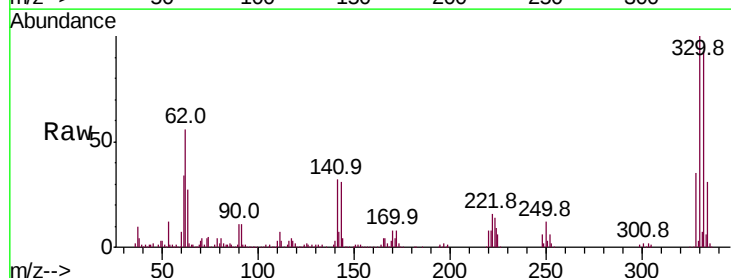
Manual Integrations
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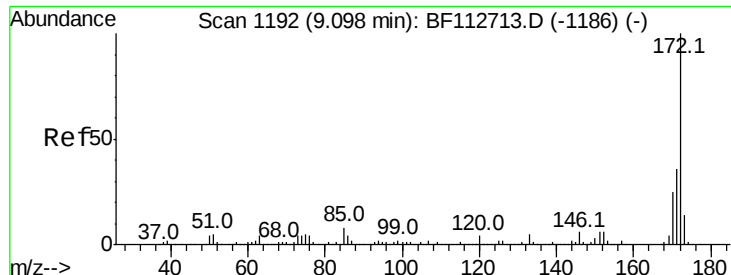
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#42
2,4,6-Tribromophenol
Concen: 109.404 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	33.2	27.0	40.6





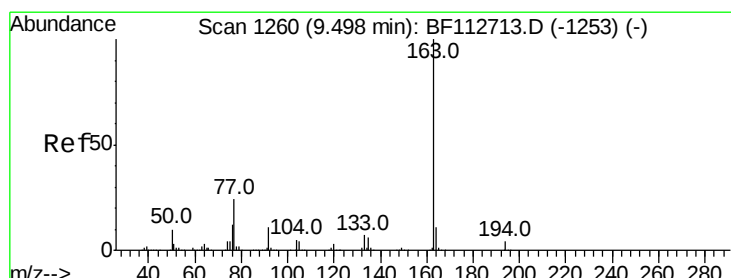
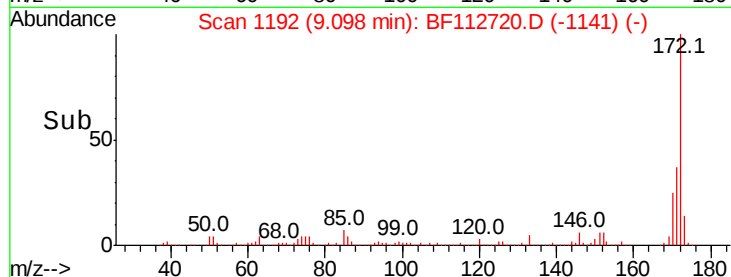
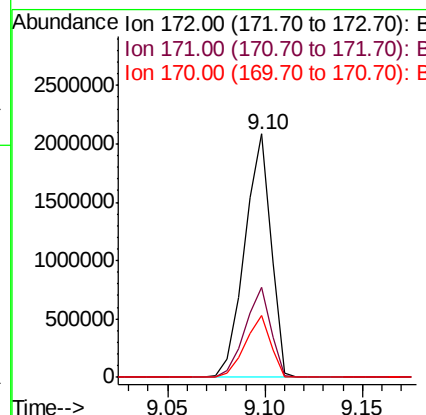
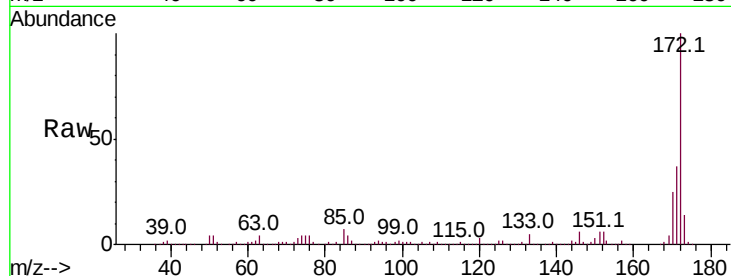
#45
2-Fluorobiphenyl
Concen: 90.360 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampled :
R-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.4
170	25.3	20.0	30.0

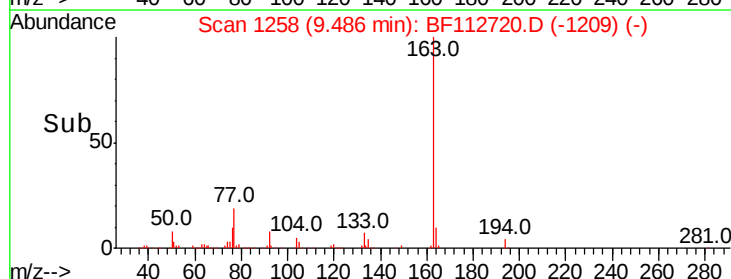
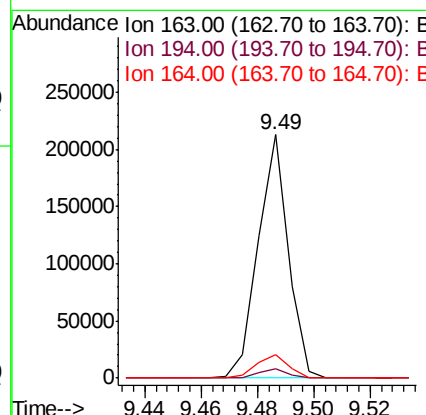
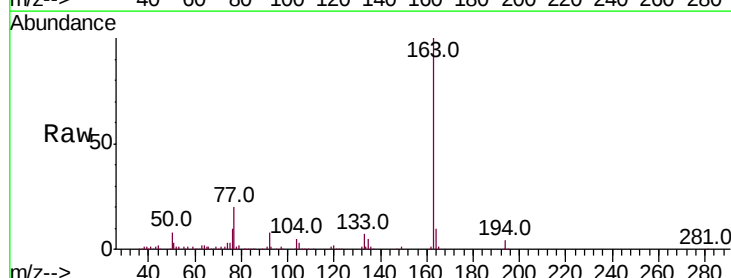
Manual Integrations
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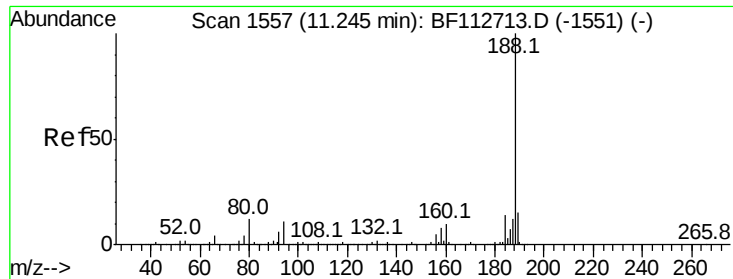
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#50
Dimethylphthalate
Concen: 5.743 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.7	8.4	12.6





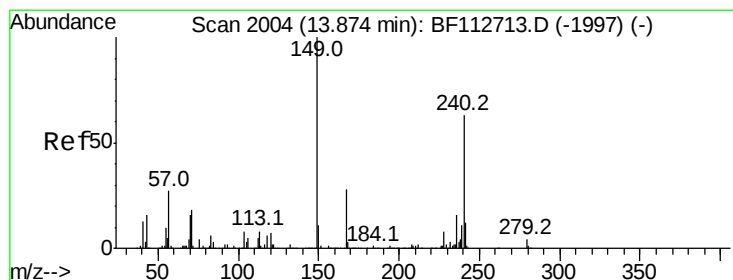
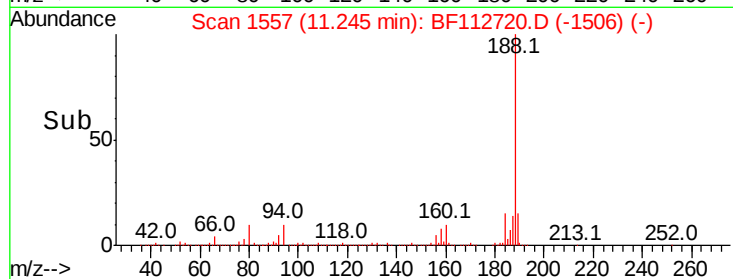
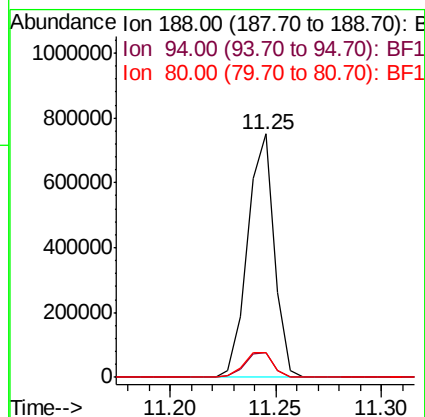
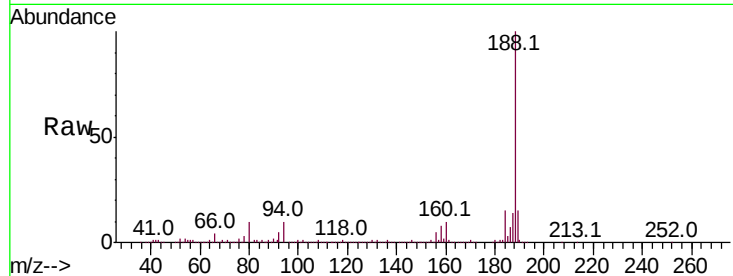
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampled :
R-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.1	9.2	13.8

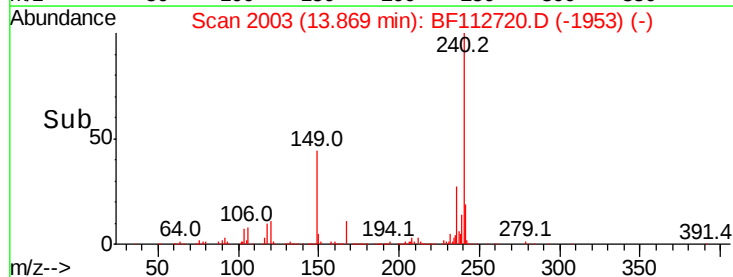
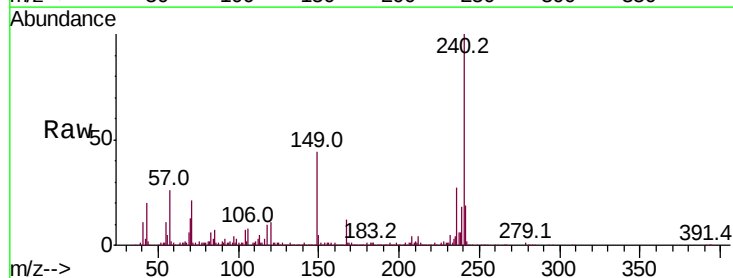
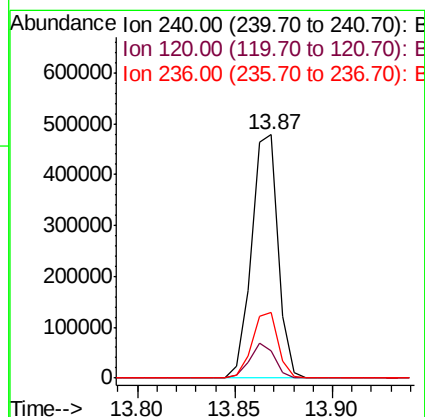
Manual Integrations
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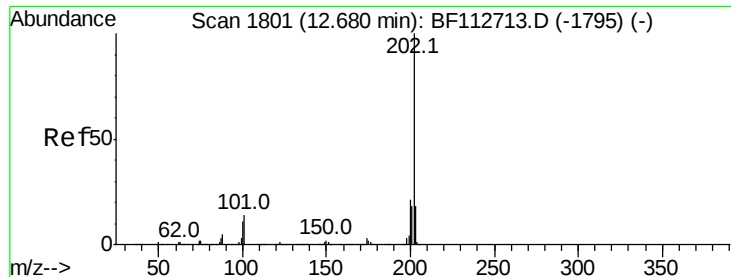
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	8.9	13.3
236	26.8	20.7	31.1





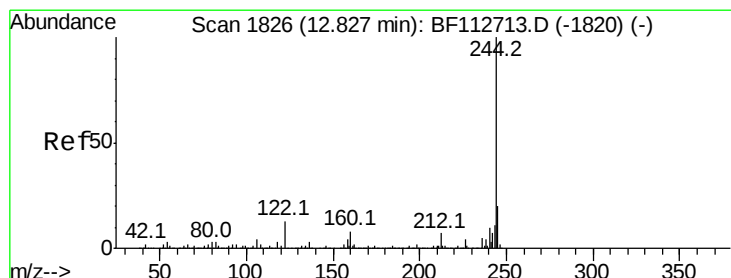
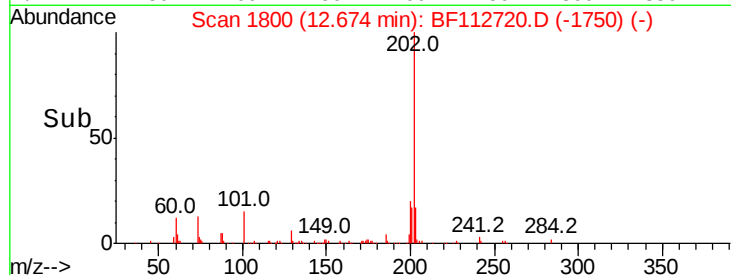
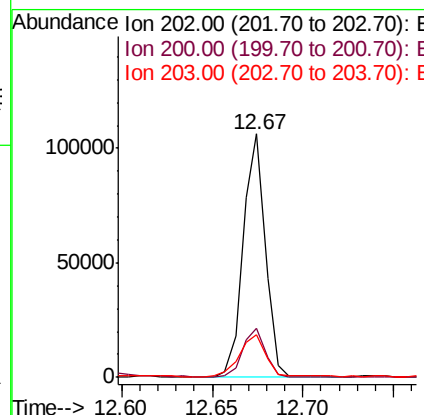
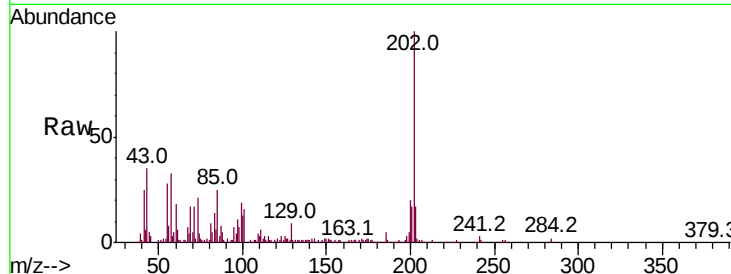
#78
Pvrene
Concen: 2.394 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampled :
R-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	17.0	25.4
203	17.3	14.4	21.6

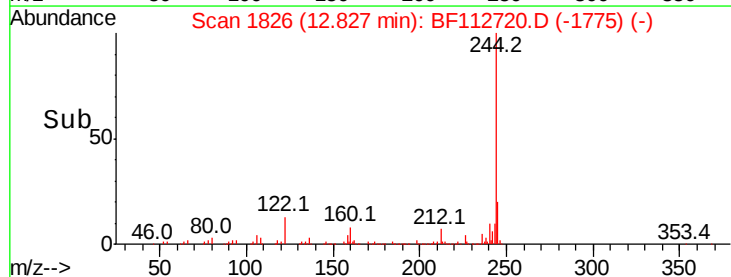
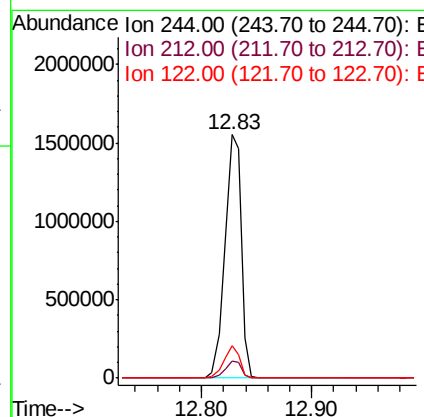
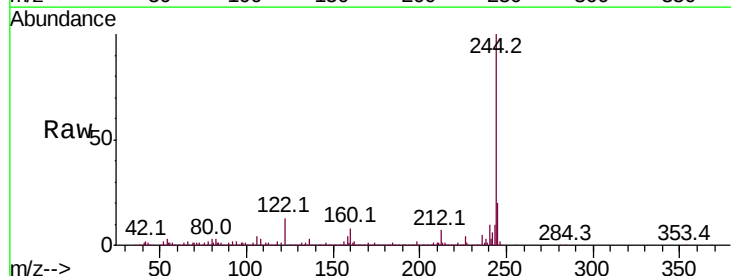
Manual Integrations
APPROVED

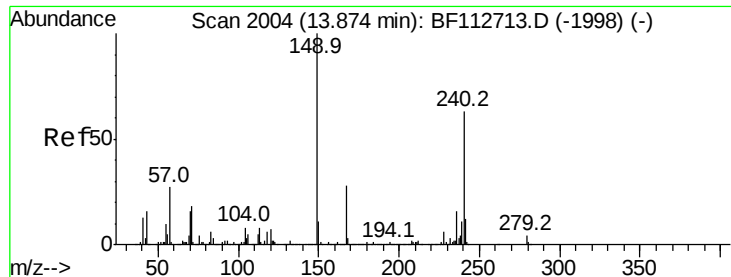
Sohil
2/28/2019 12:46:58 PM



#79
Terphenyl-d14
Concen: 68.855 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.6	8.4
122	13.1	10.5	15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.325 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

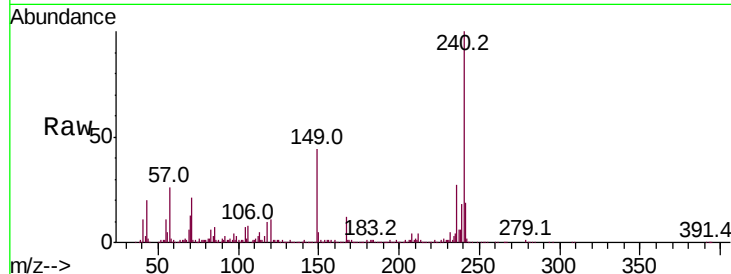
ClientSampled :

R-1

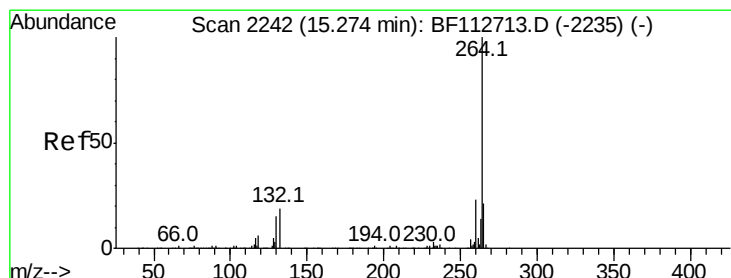
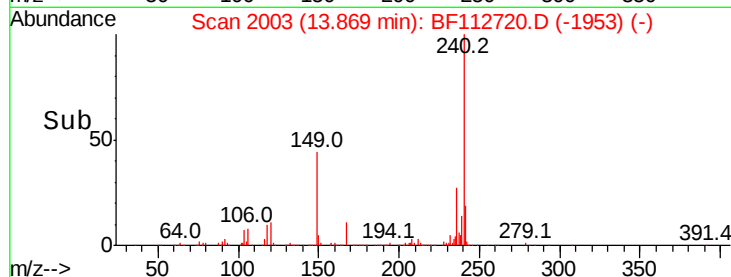
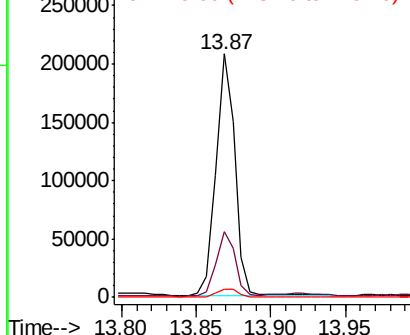
Tot Ion:	149	Resp:	183467
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.4	33.6
279	3.4	3.3	4.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

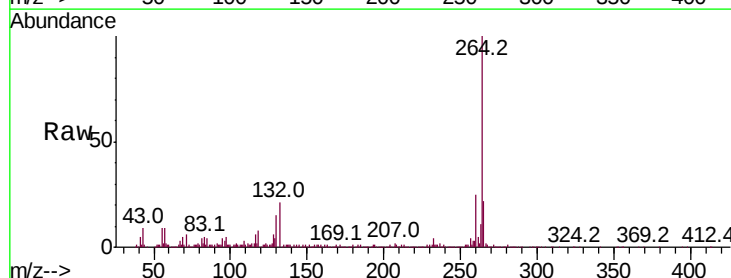
RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

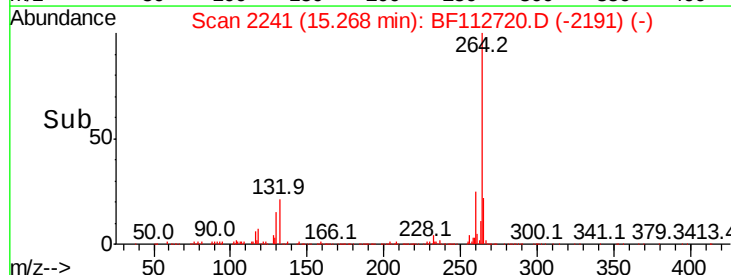
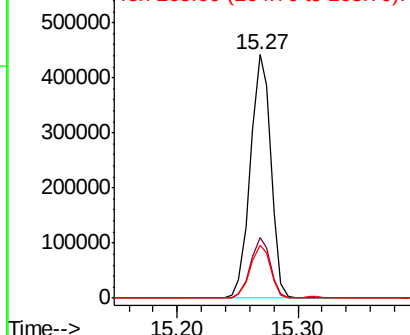
Lab File: BF112720.D

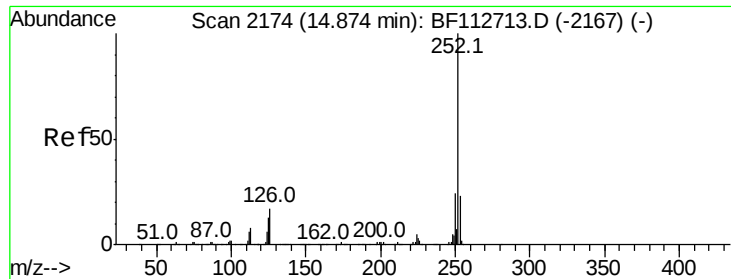
Acq: 27 Feb 2019 15:42

Tgt Ion:	264	Resp:	526306
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.7	28.1
265	21.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88
 Benzo(b)fluoranthene
 Concen: 2.302 ng/ml
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	21.4	10.2	15.2

Manual Integrations
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Sohil
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