

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112901.D
 Acq On : 7 Mar 2019 00:43
 Operator : JU/SJ
 Sample : K1705-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW005-022719

Manual Integrations
 APPROVED

Sohil
 3/7/2019 11:02:43 AM

Quant Time: Mar 07 05:30:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	231568	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	837567	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	344888	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	610761	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	620432	20.00	ng	-0.01
87) Perylene-d12	15.26	264	649939	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1233344	82.85	ng	0.00
7) Phenol-d6	6.37	99	1553051	83.05	ng	0.00
23) Nitrobenzene-d5	7.29	82	939892	67.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	354452	96.81	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1375884	61.44	ng	-0.01
79) Terphenyl-d14	12.82	244	1200923	37.52	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.48	163	107806	4.239	ng	99
75) Fluoranthene	12.44	202	168417	5.173	ng	97
78) Pyrene	12.67	202	144443	2.762	ng	99
83) Chrysene	13.89	228	101284	2.405	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	67606	2.497	ng	99
88) Benzo(b)fluoranthene	14.87	252	135059m	3.213	ng	
90) Benzo(a)pyrene	15.20	252	79859	2.148	ng	98

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

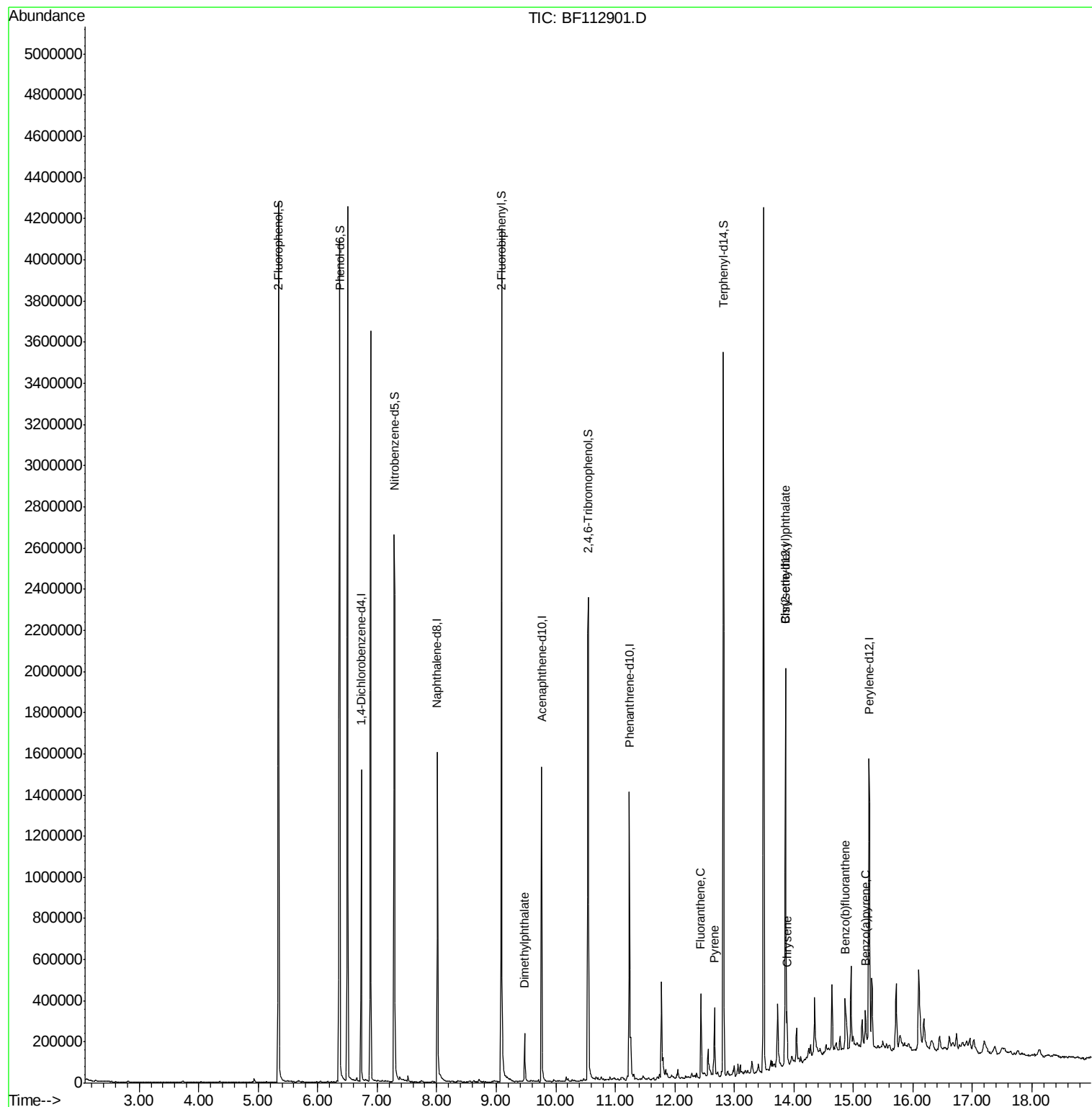
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112901.D
Acq On : 7 Mar 2019 00:43
Operator : JU/SJ
Sample : K1705-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

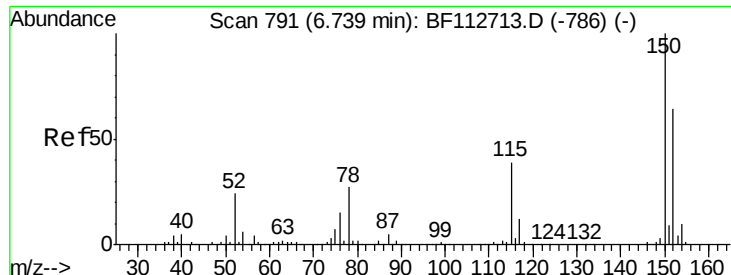
Instrument :
BNA_F
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EXT-028-SW005-022719

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#1

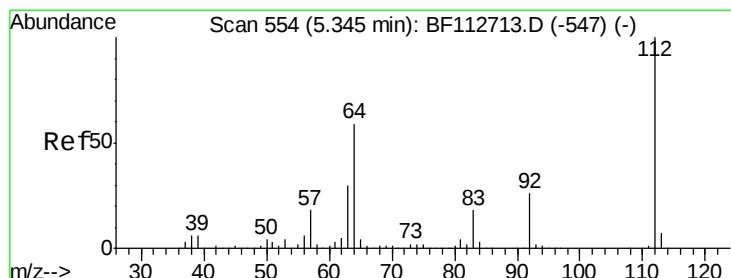
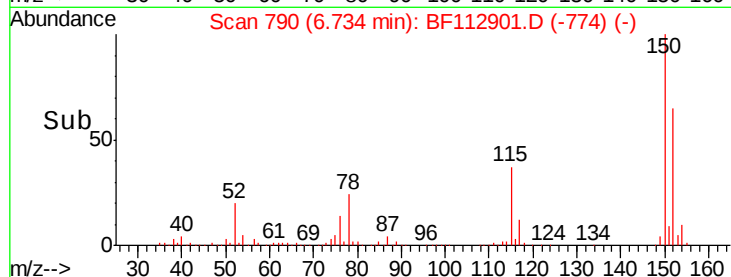
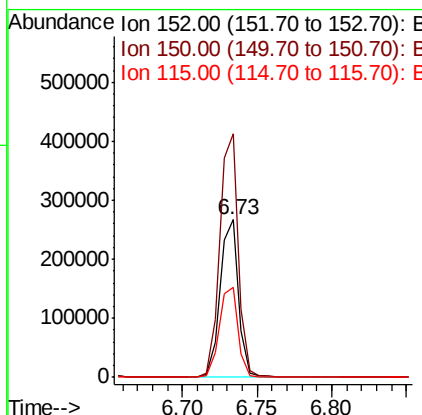
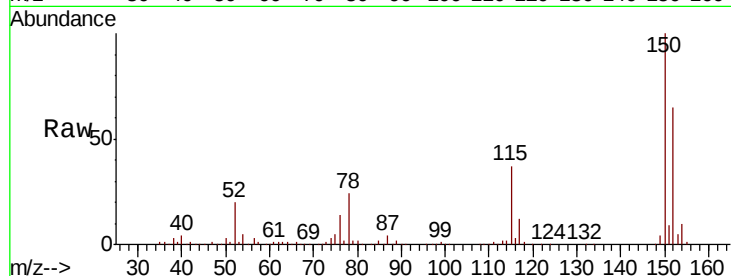
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.2	186.2
115	57.2	48.2	72.4

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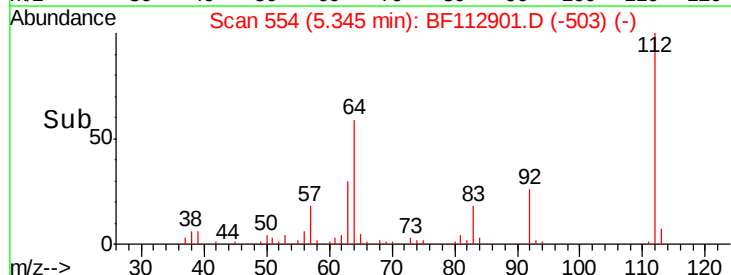
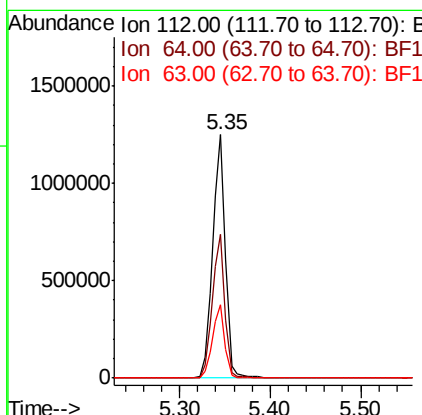
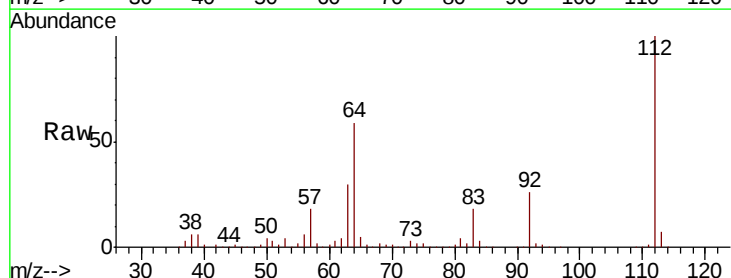
Sohil
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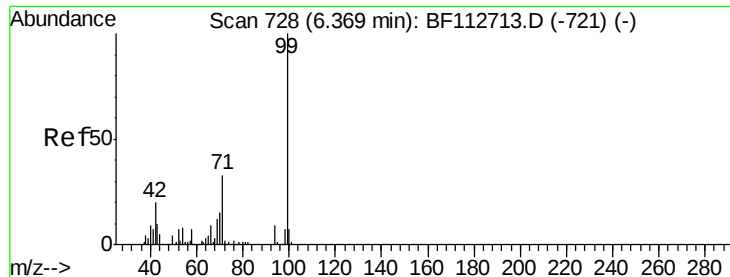


#5

2-Fluorophenol
Concen: 82.849 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.6	71.4
63	30.3	24.4	36.6





#7

Phenol-d6

Concen: 83.051 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112901.D

Acq: 7 Mar 2019 00:43

Instrument :

BNA_F

ClientSampleId :

EXT-028-SW005-022719

Tot Ion: 99 Resp: 1553051

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

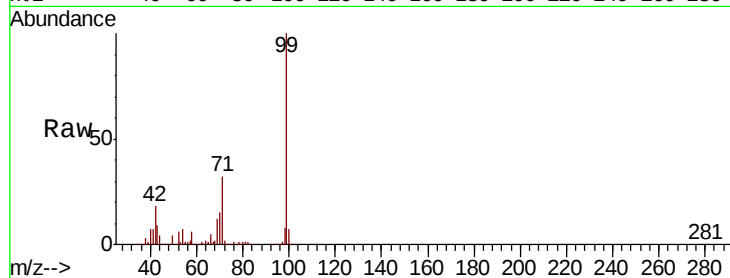
71 31.7 26.2 39.4

Manual Integrations

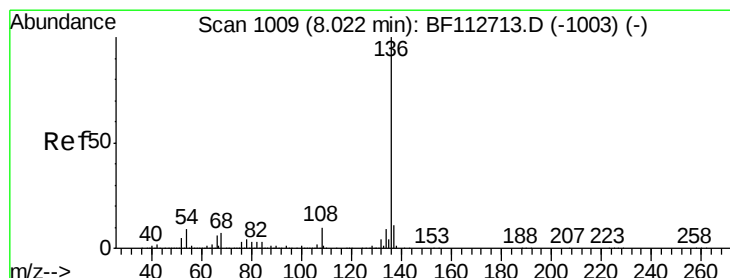
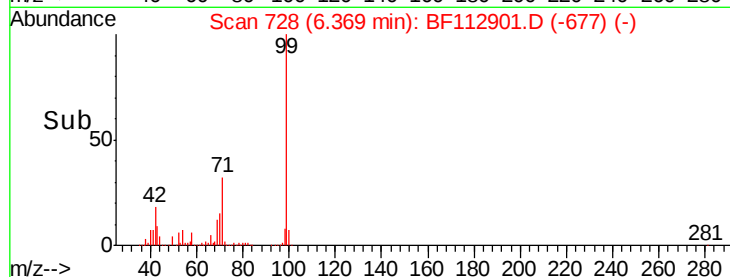
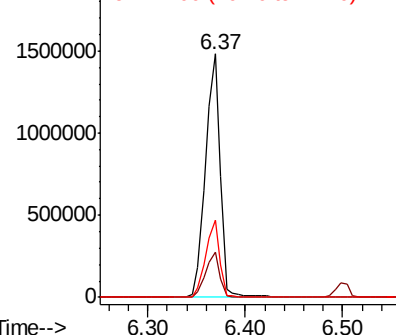
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112901.D

Acq: 7 Mar 2019 00:43

Tgt Ion: 136 Resp: 837567

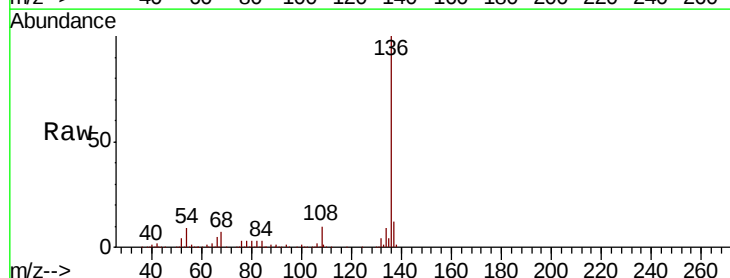
Ion Ratio Lower Upper

136 100

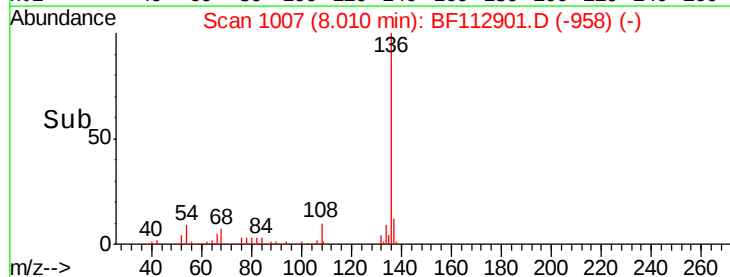
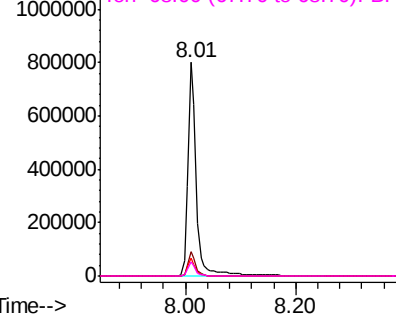
137 11.7 8.9 13.3

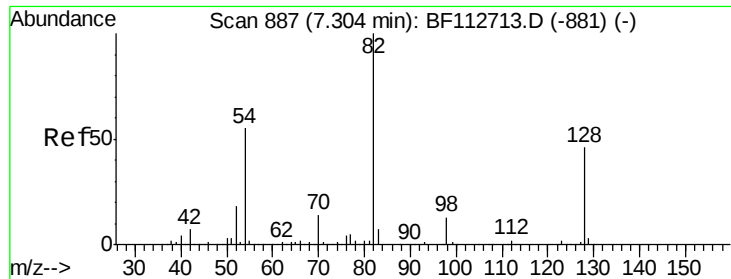
54 8.6 7.3 10.9

68 6.7 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
1200000 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





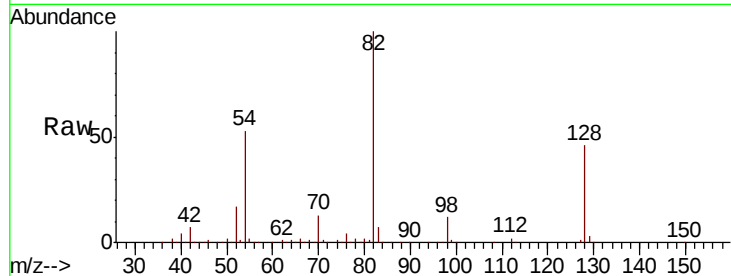
#23
Nitrobenzene-d5
Concen: 67.148 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	52.5	43.7	65.5

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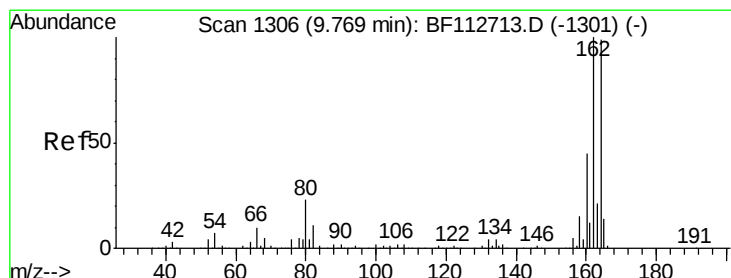
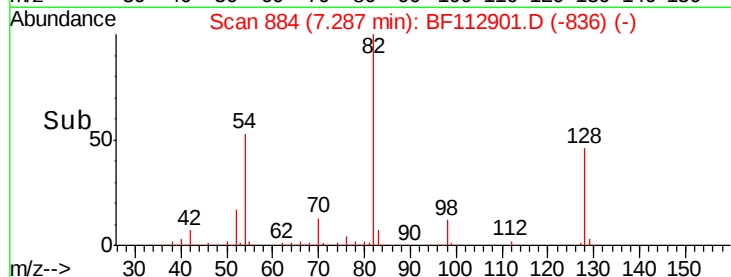
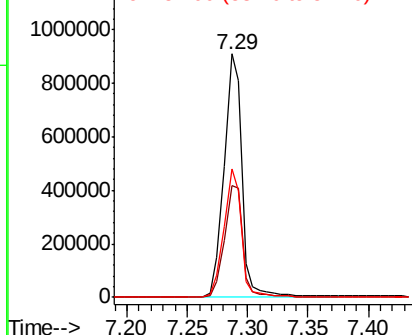


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

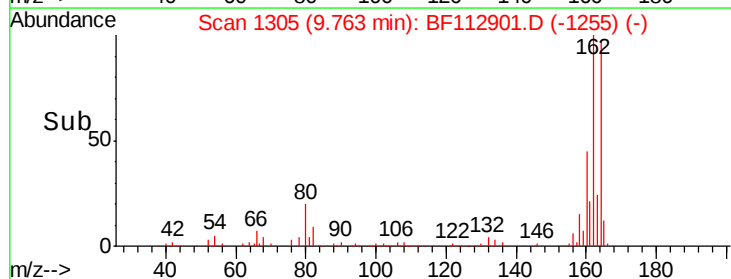
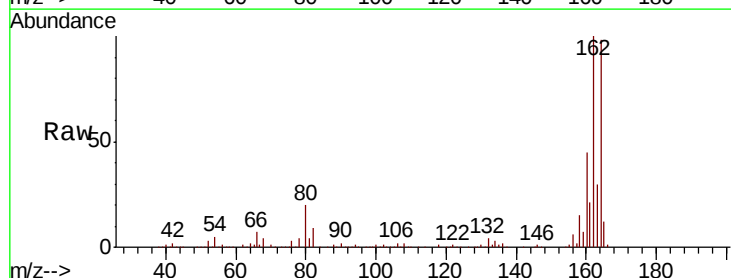
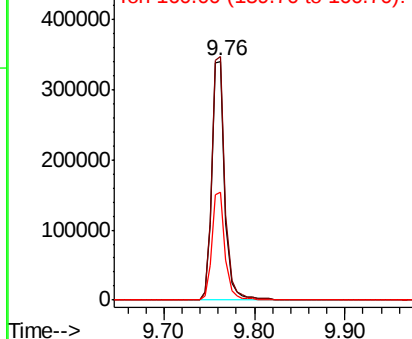
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.5	36.0	54.0

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: 96.807 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112901.D

Acq: 7 Mar 2019 00:43

Instrument :

BNA_F

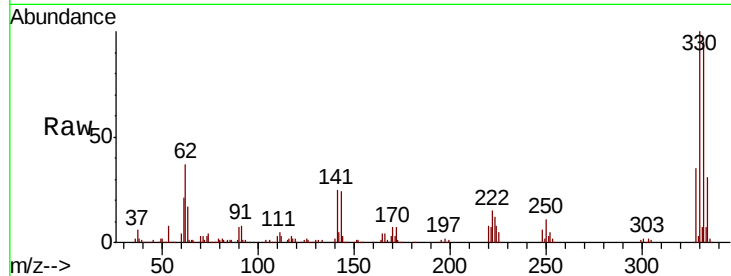
ClientSampleId :

EXT-028-SW005-022719

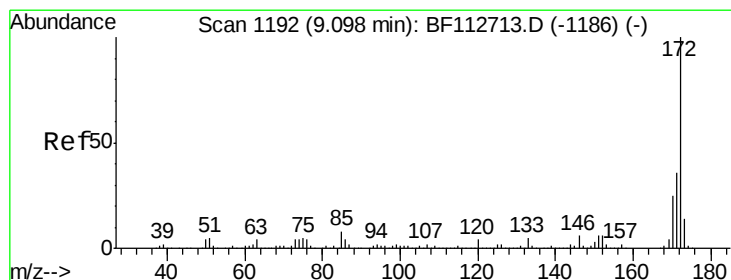
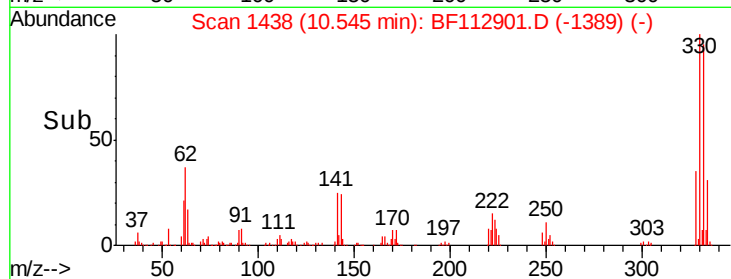
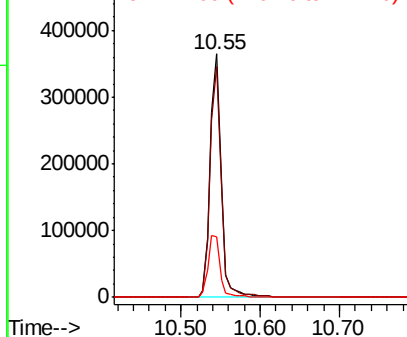
Tot Ion:	330	Resp:	354452
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.2	114.4
141	27.9	27.0	40.6

Manual Integrations
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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: 61.436 ng

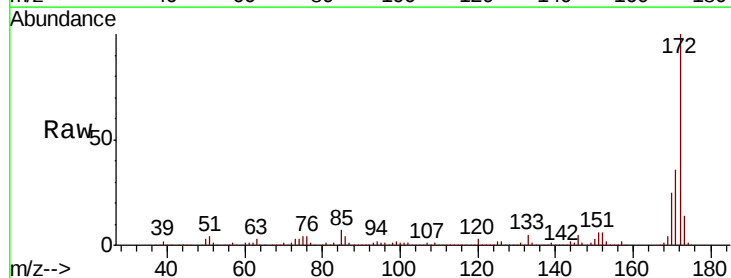
RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

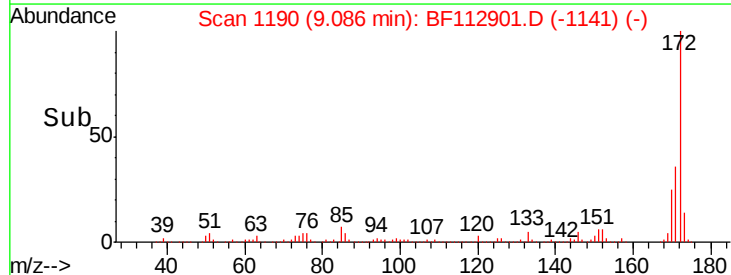
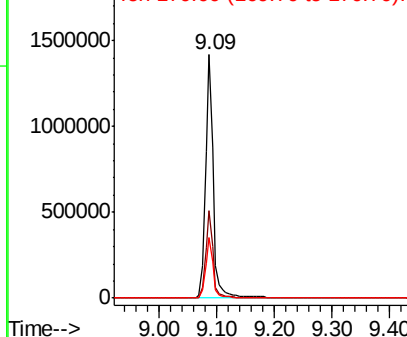
Lab File: BF112901.D

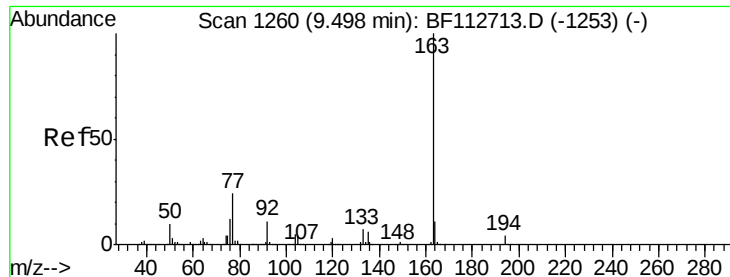
Acq: 7 Mar 2019 00:43

Tgt Ion:	172	Resp:	1375884
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.4
170	24.9	20.0	30.0



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





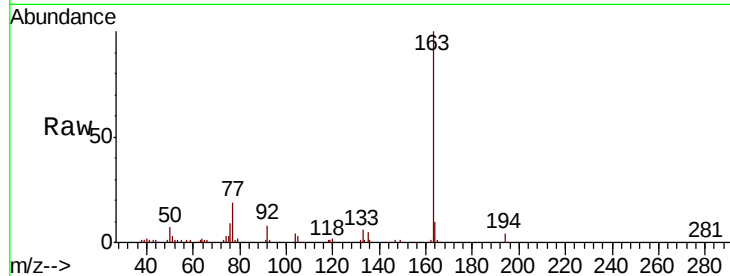
#50
Dimethylphthalate
Concen: 4.239 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Resp	Lower	Upper
163	100	107806		
194	4.2		3.0	4.4
164	10.3		8.4	12.6

Manual Integrations
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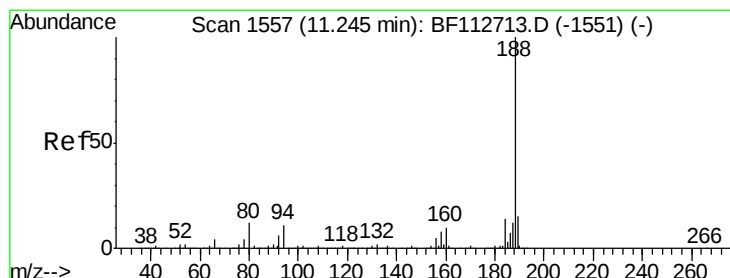
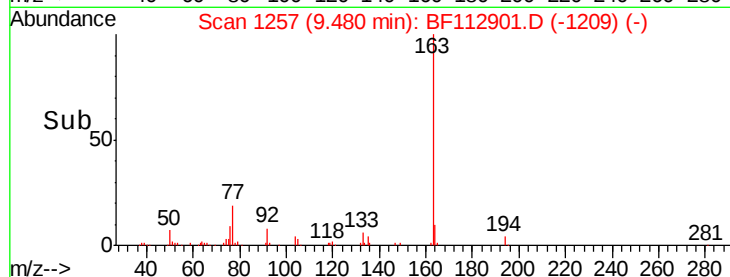
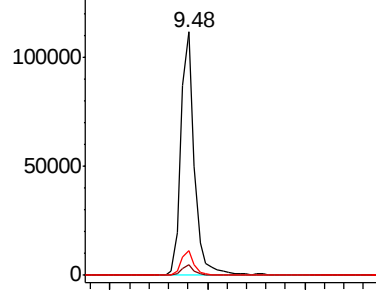


Abundance

Ion 163.00 (162.70 to 163.70): E

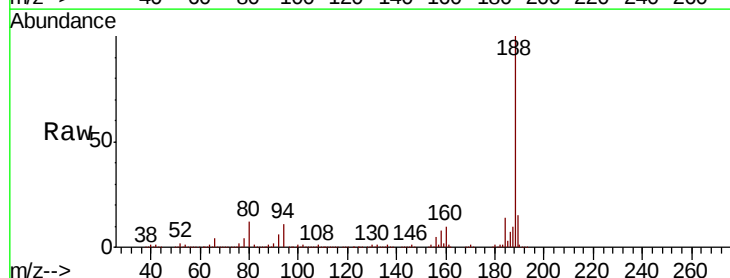
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	610761		
94	11.1		9.0	13.4
80	12.0		9.2	13.8

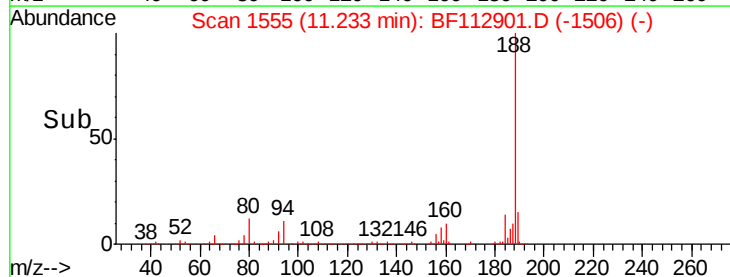
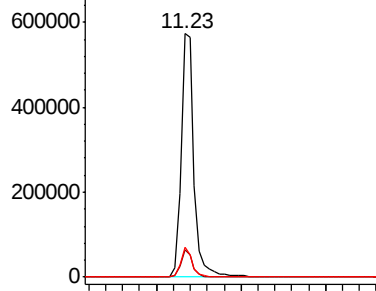


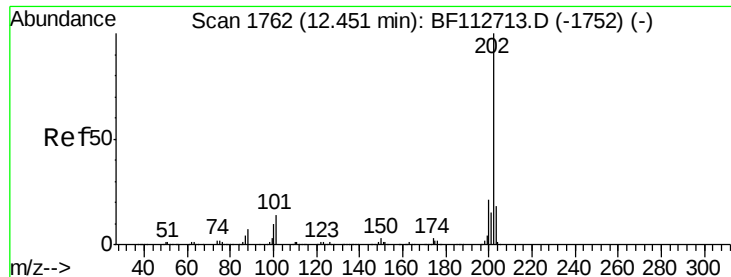
Abundance

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





#75

Fluoranthene

Concen: 5.173 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF112901.D

Acq: 7 Mar 2019 00:43

Instrument :

BNA_F

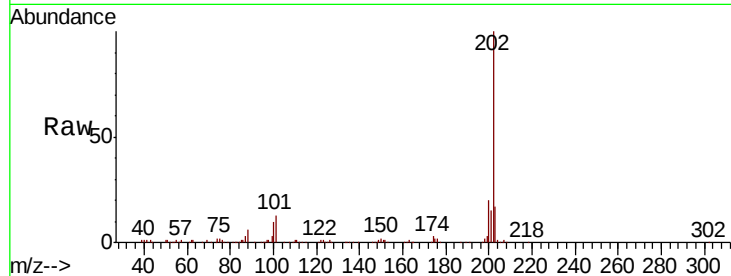
ClientSampleId :

EXT-028-SW005-022719

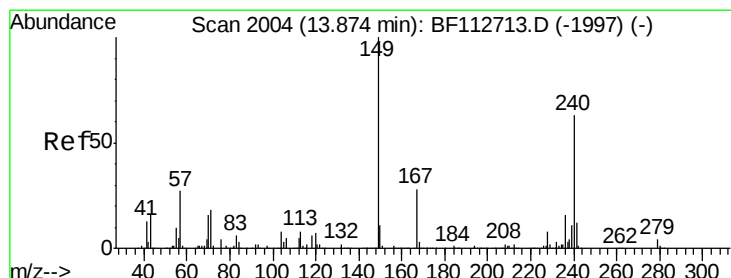
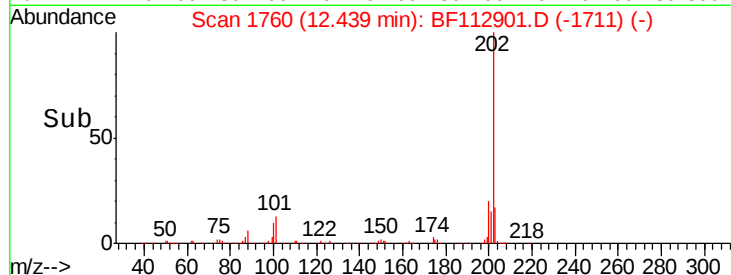
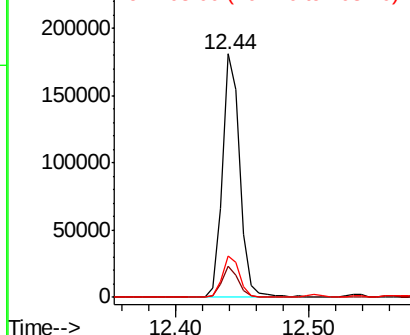
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		168417		
101	13.0	0.0	33.8		
203	16.8	0.0	38.4		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

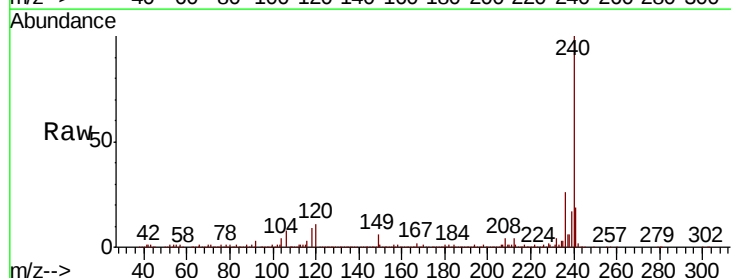
RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

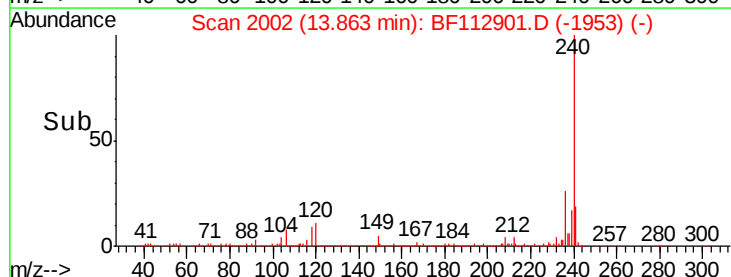
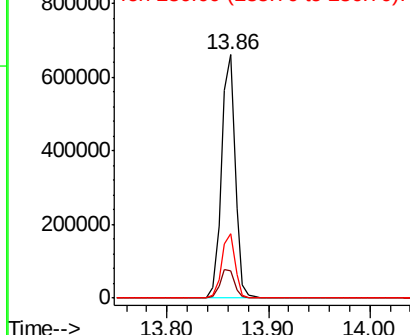
Lab File: BF112901.D

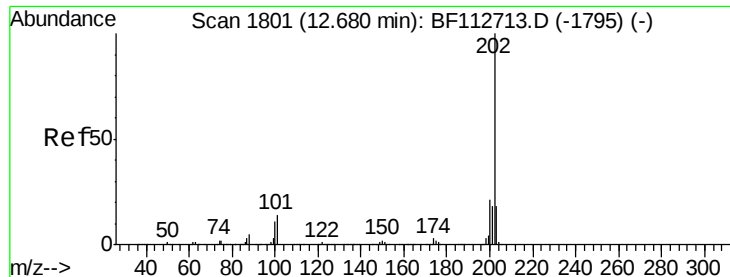
Acq: 7 Mar 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		620432		
120	11.3	8.9	13.3		
236	26.5	20.7	31.1		



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





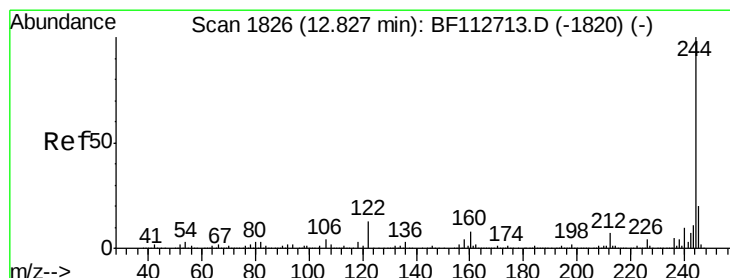
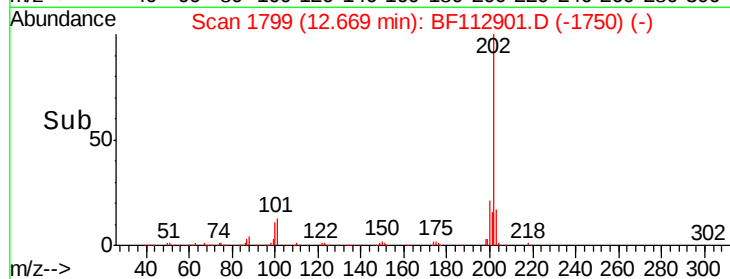
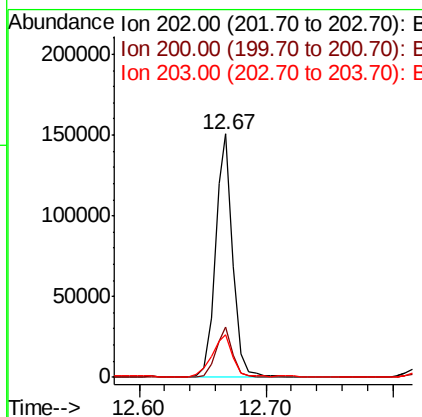
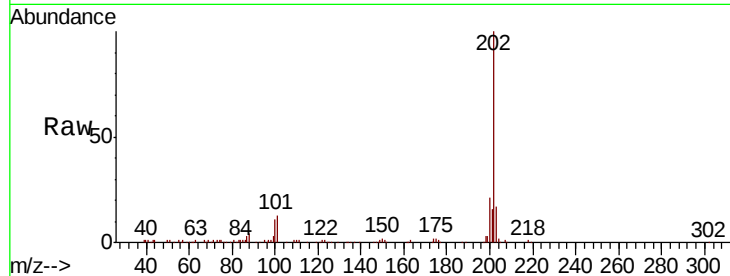
#78
Pvrene
Concen: 2.762 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.3	14.4	21.6

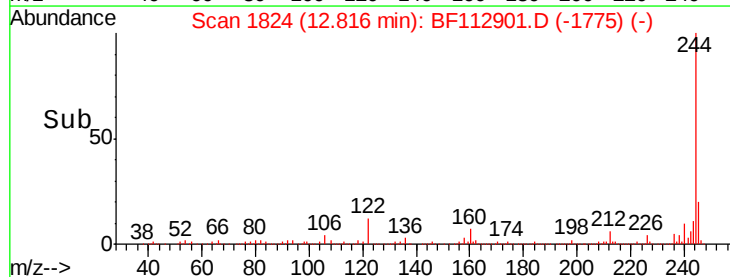
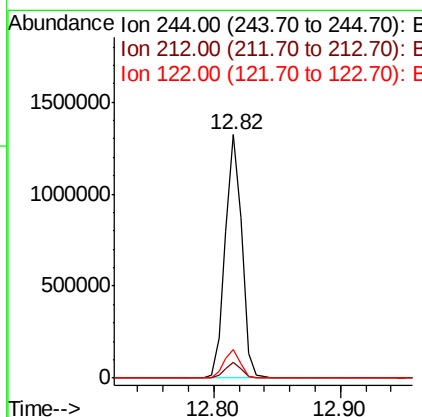
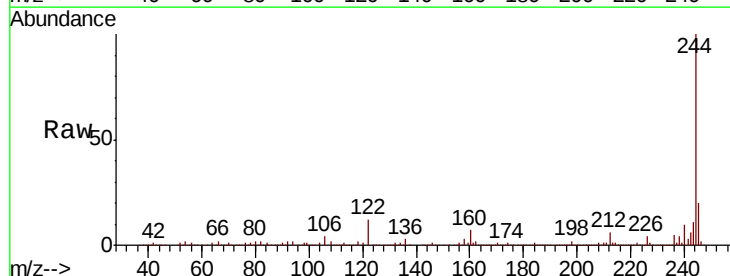
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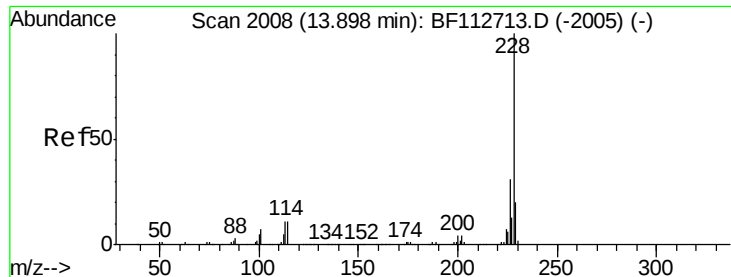
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#79
Terphenyl-d14
Concen: 37.522 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	11.7	10.5	15.7





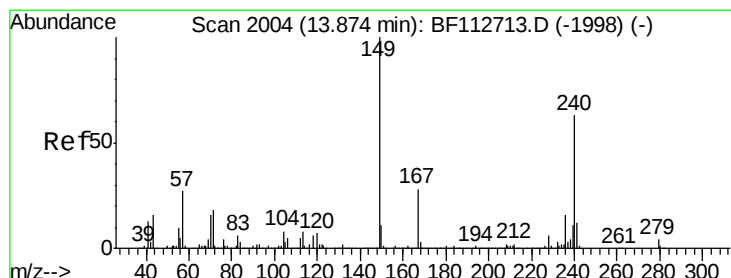
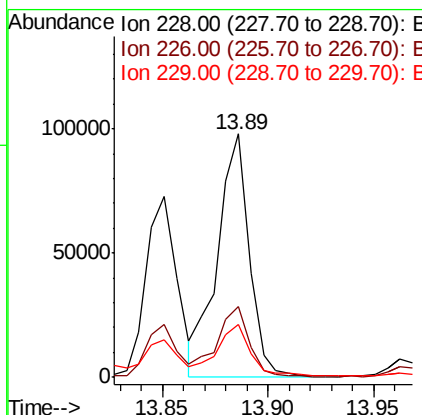
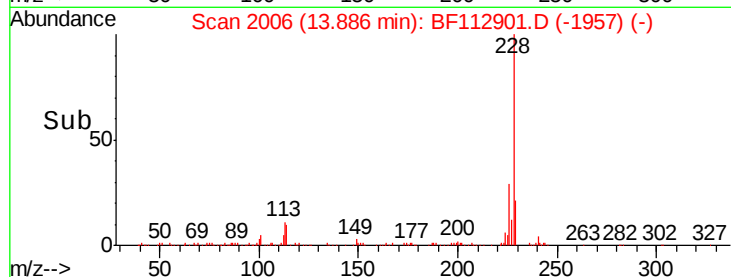
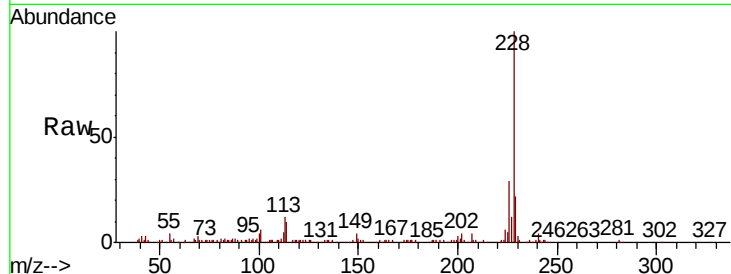
#83
Chrysene
Concen: 2.405 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	21.6	16.3	24.5

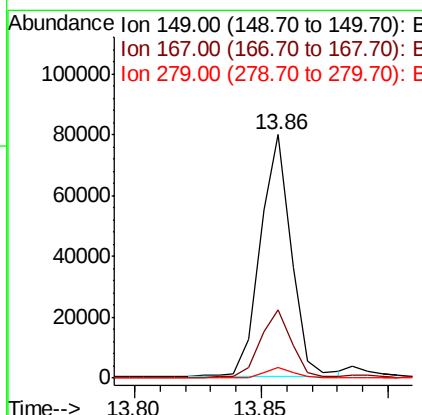
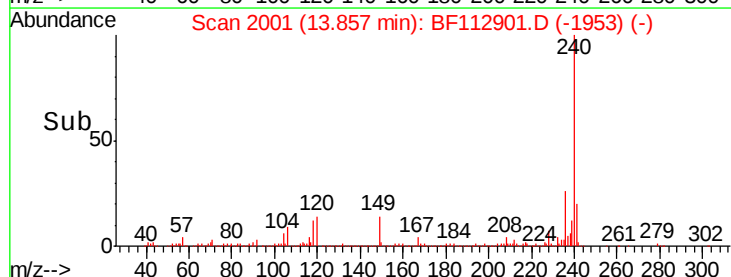
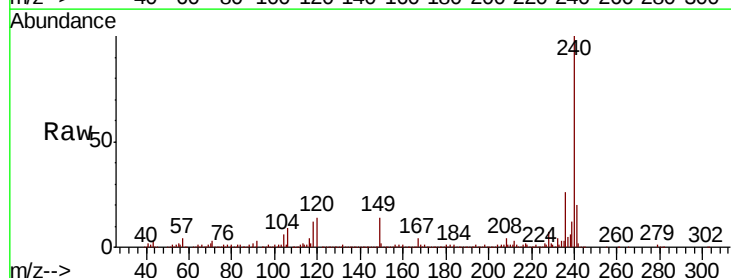
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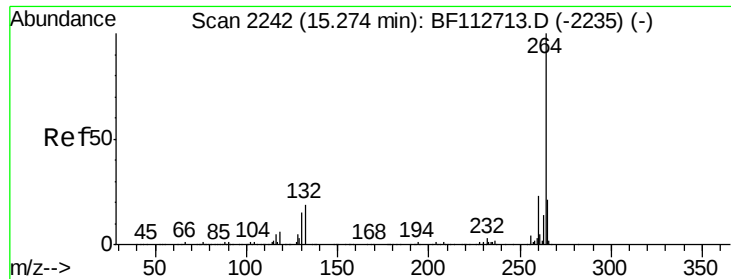
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.497 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	4.3	3.3	4.9





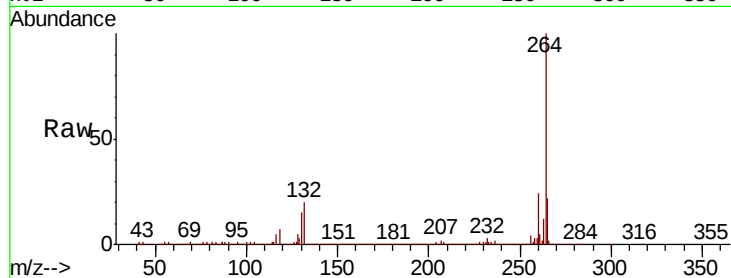
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.4	17.2	25.8

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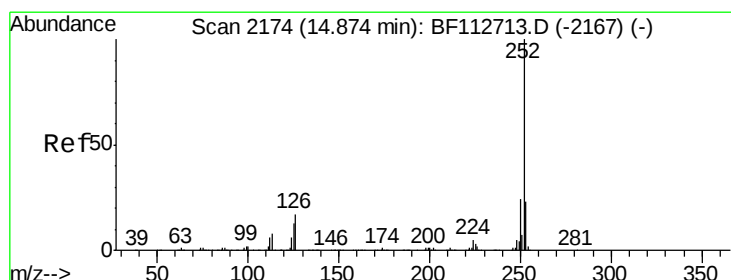
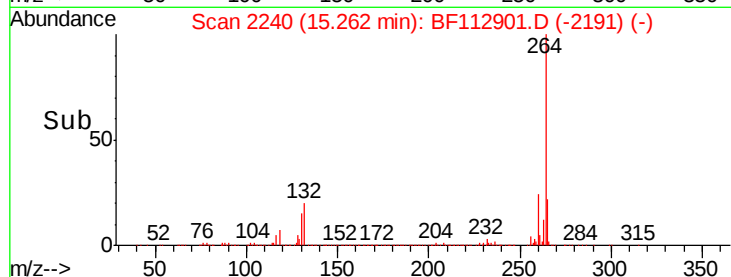
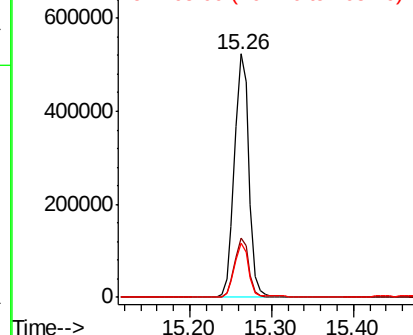


Abundance

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: 3.213 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112901.D
Acq: 7 Mar 2019 00:43

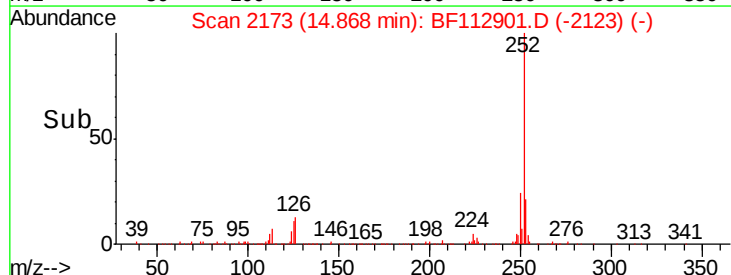
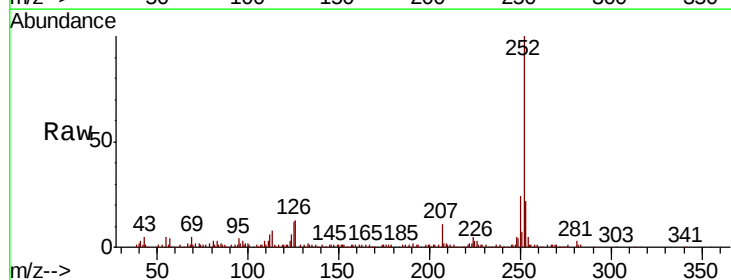
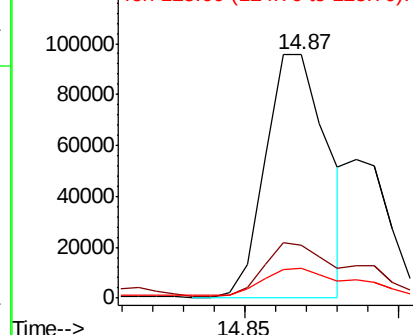
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	12.4	10.2	15.2

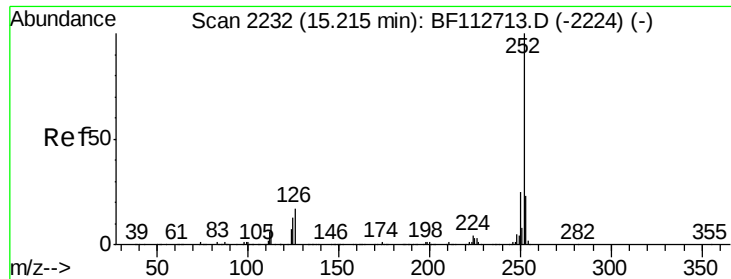
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
 Benzo(a)pyrene
 Concen: 2.148 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF112901.D
 Acq: 7 Mar 2019 00:43

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW005-022719

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.1	10.7	16.1

Manual Integrations
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