

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104693.D
 Acq On : 21 Apr 2018 00:40
 Operator : JU/SJ
 Sample : J2453-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-8 1.0-1.5

Manual Integrations
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 4/23/2018 2:18:43 PM

Quant Time: Apr 21 05:02:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110232	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	420538	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	165473	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	282942	20.00	ng	0.00
75) Chrysene-d12	13.97	240	226850	20.00	ng	0.00
86) Perylene-d12	15.44	264	168307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	868950	120.53	ng	0.00
7) Phenol-d6	6.45	99	1046199	118.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	640226	99.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	213586	124.43	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1061043	101.30	ng	0.00
78) Terphenyl-d14	12.92	244	958609	96.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	87086	6.674	ng	99
70) Phenanthrene	11.36	178	43546	2.764	ng	95
74) Fluoranthene	12.54	202	86277	5.241	ng	97
77) Pyrene	12.77	202	71200	4.234	ng	98
80) Benzo(a)anthracene	13.96	228	34937	2.578	ng	94
82) Chrysene	14.00	228	33671	2.419	ng	98
87) Benzo(b)fluoranthene	15.02	252	30811m	2.898	ng	
89) Benzo(a)pyrene	15.37	252	21891	2.302	ng	# 89

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

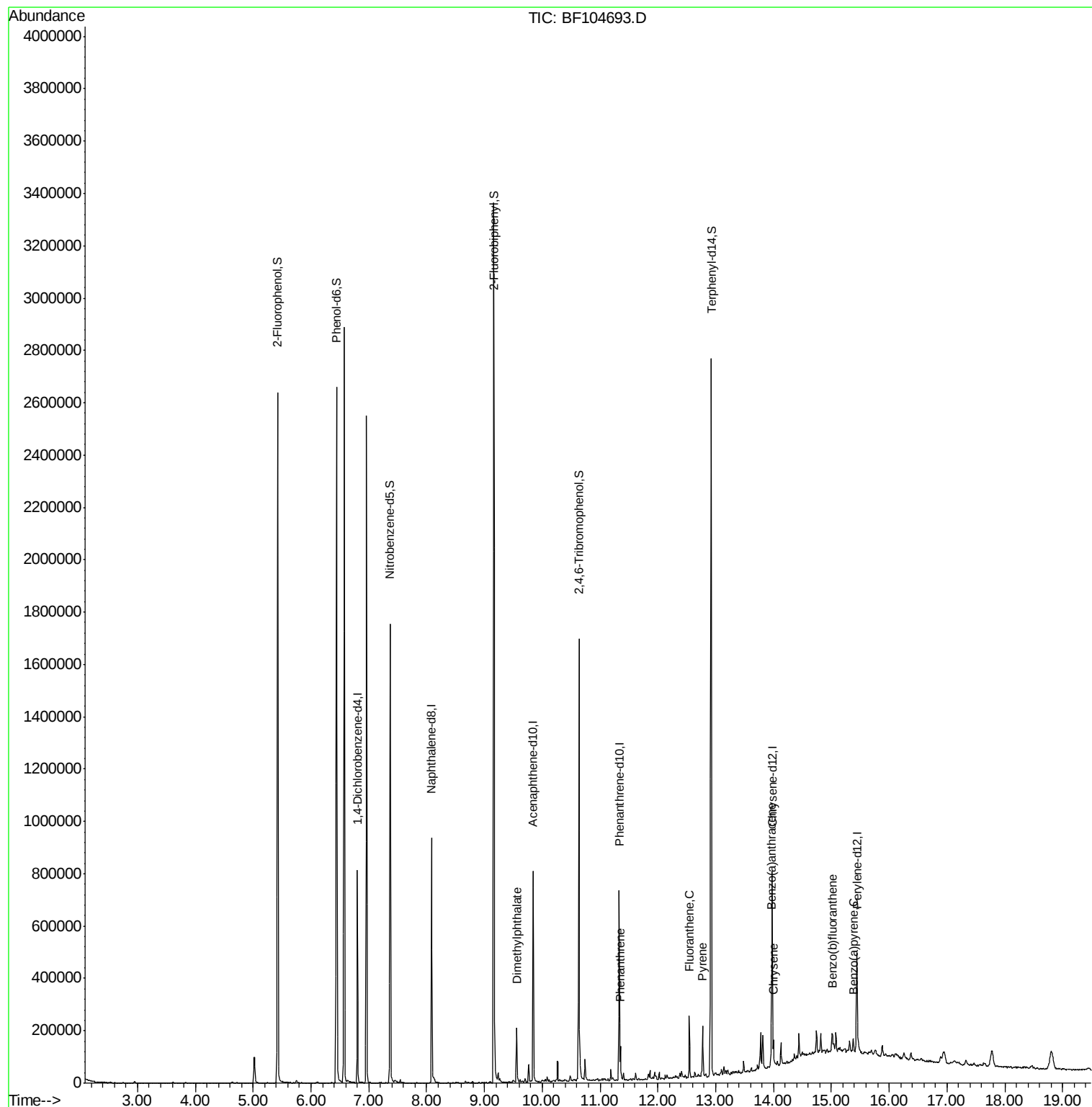
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Acq On : 21 Apr 2018 00:40
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Instrument :
BNA_F
ClientSampleId :
T-8_1.0-1.5

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#1

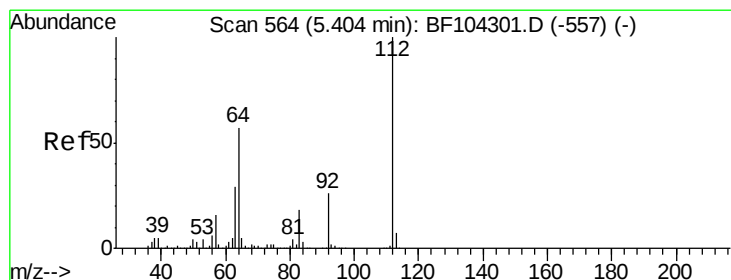
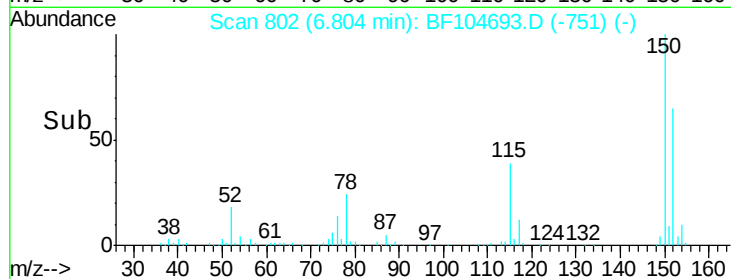
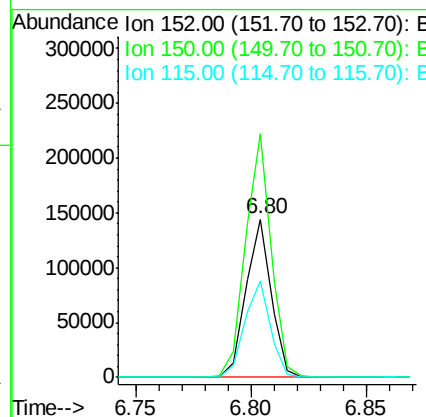
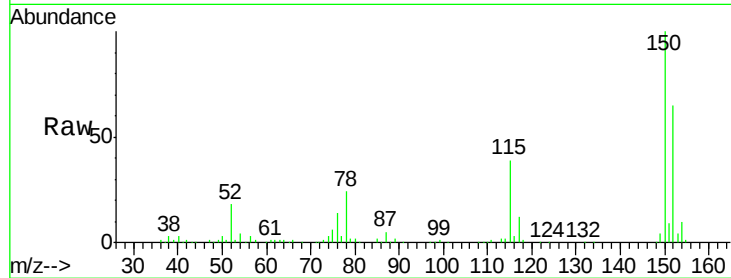
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104693.D
Acq: 21 Apr 2018 00:40

Instrument :
BNA_F
ClientSampleId :
T-8_1.0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	60.6	50.1	75.1

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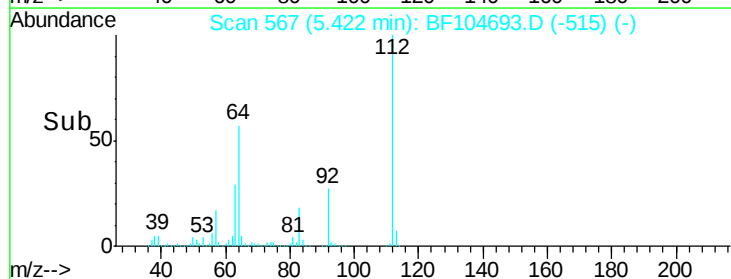
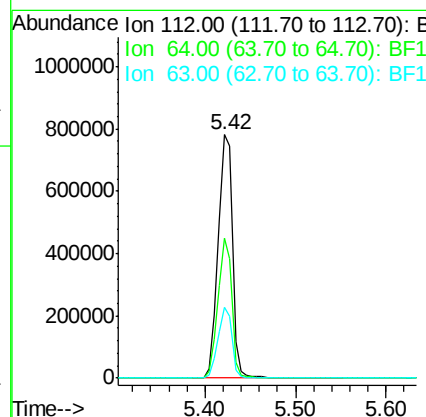
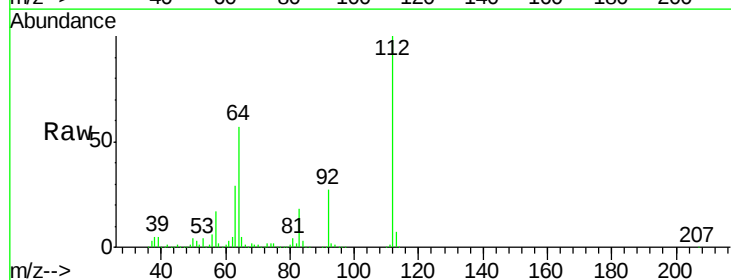
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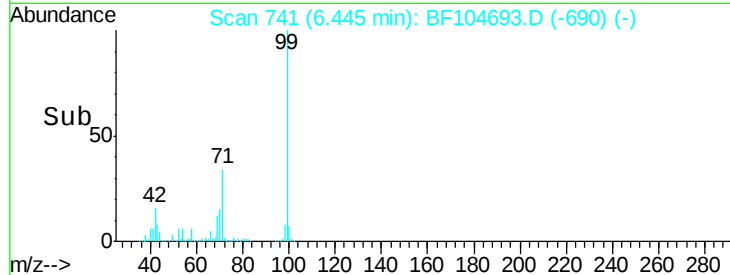
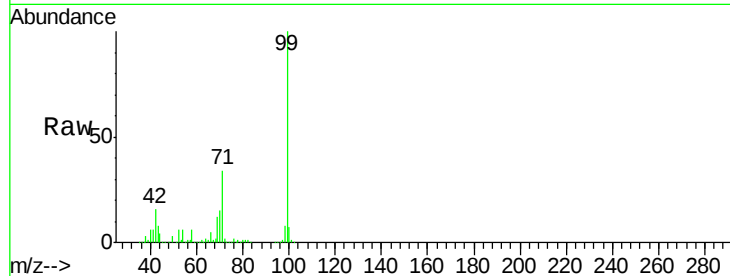


#5

2-Fluorophenol
Concen: 120.534 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104693.D
Acq: 21 Apr 2018 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 118.112 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Tot Ion: 99 Resp: 1046199

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 34.1 25.4 38.0

Instrument :

BNA_F

ClientSampled :

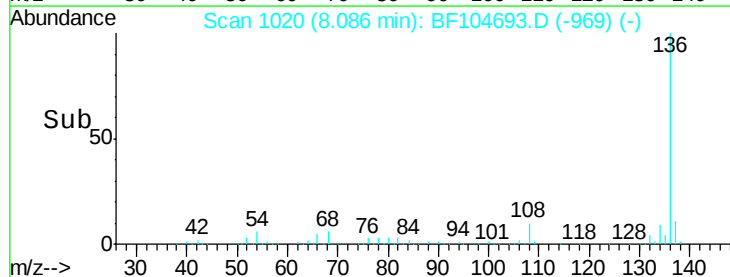
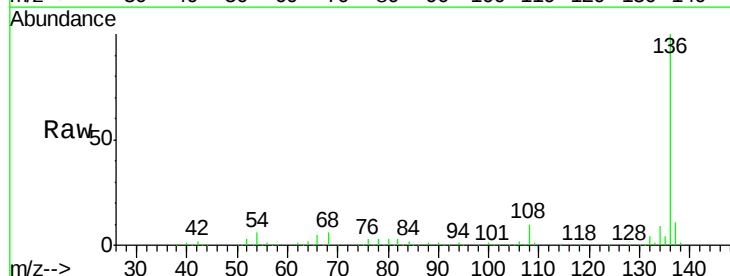
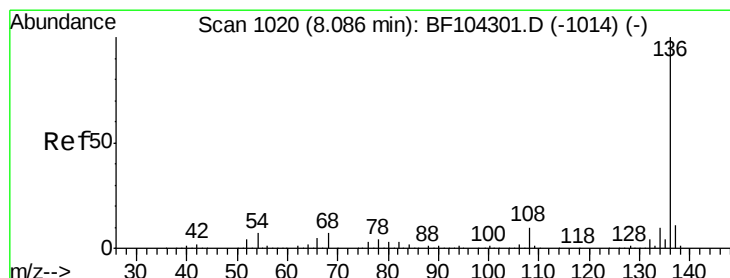
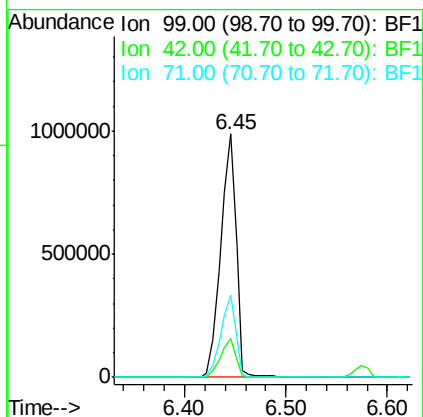
T-8 1.0-1.5

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Tgt Ion: 136 Resp: 420538

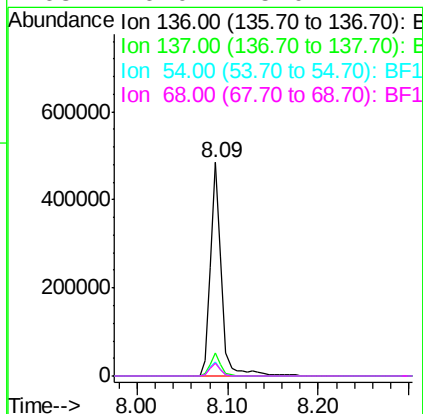
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.4 6.6 9.8#

68 6.0 5.0 7.4





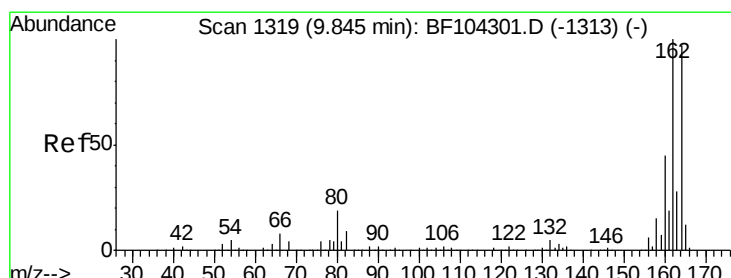
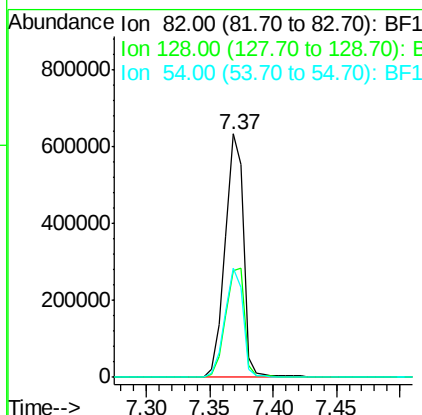
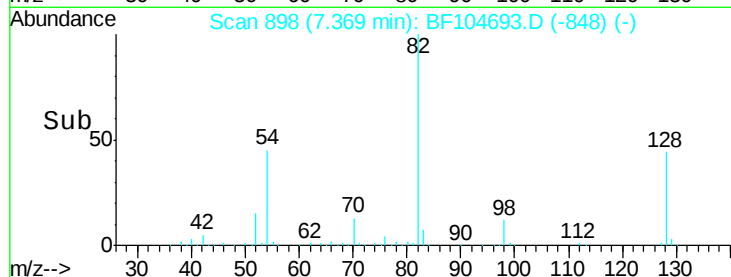
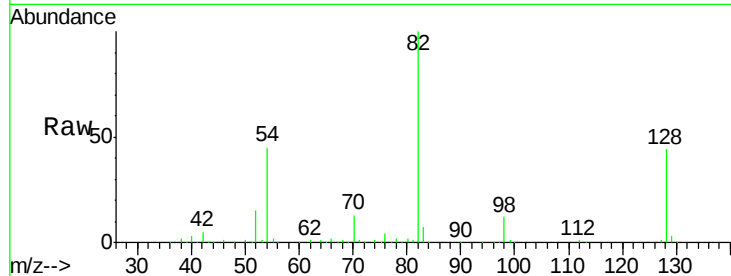
#23
 Nitrobenzene-d5
 Concen: 99.410 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104693.D
 Acq: 21 Apr 2018 00:40

Instrument :
 BNA_F
 ClientSampled :
 T-8 1.0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
82	100	640226		
128	43.9		36.1	54.1
54	44.8		41.4	62.2

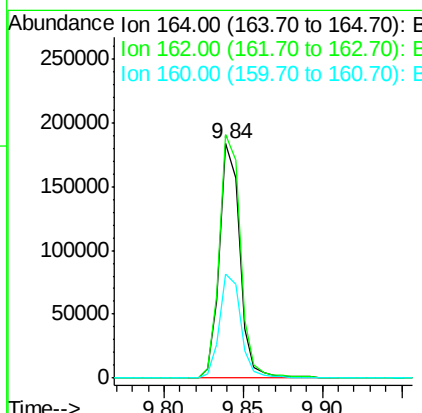
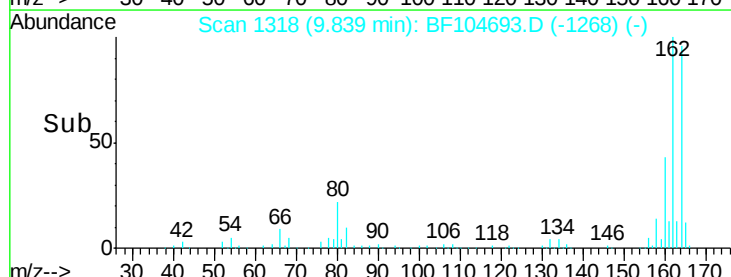
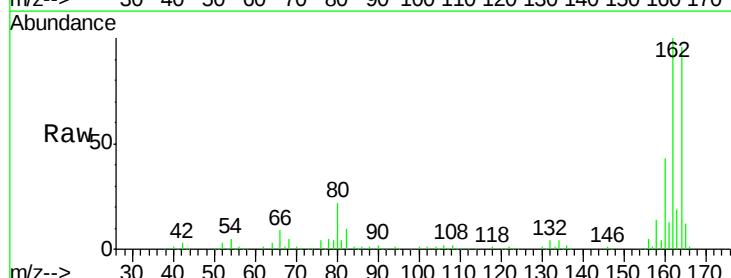
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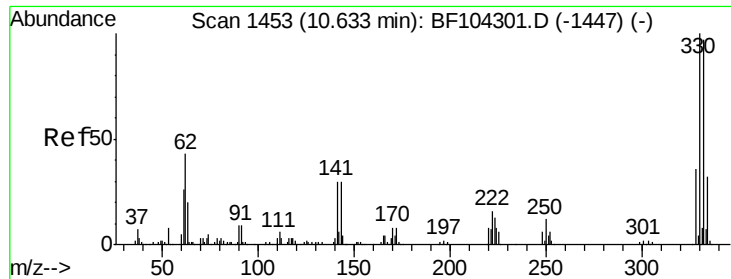
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104693.D
 Acq: 21 Apr 2018 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165473		
162	103.9		86.1	129.1
160	44.7		38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 124.431 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Instrument :

BNA_F

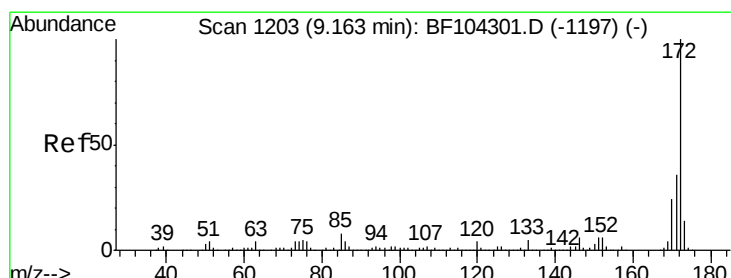
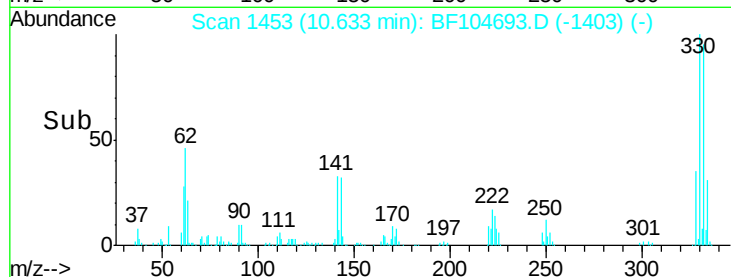
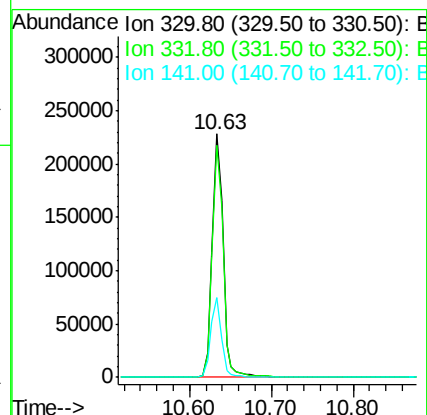
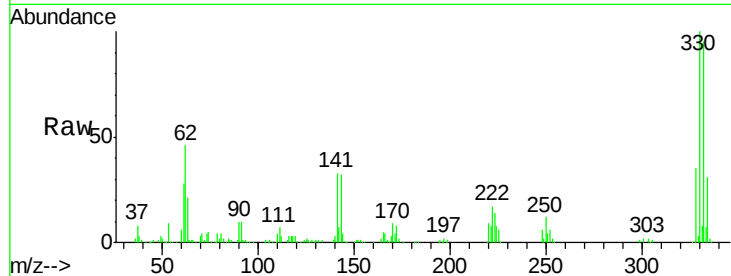
ClientSampleId :

T-8 1.0-1.5

Tot Ion:	330	Resp:	213586
Ion Ratio		Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.6	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 101.297 ng

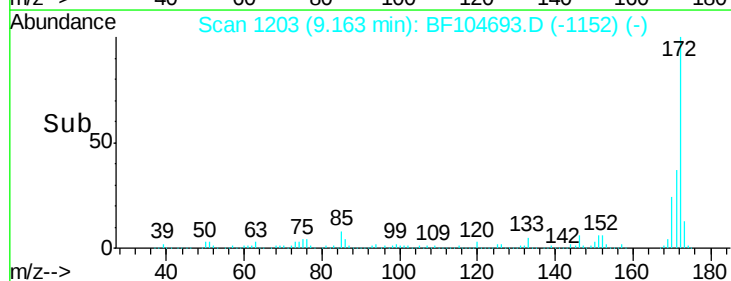
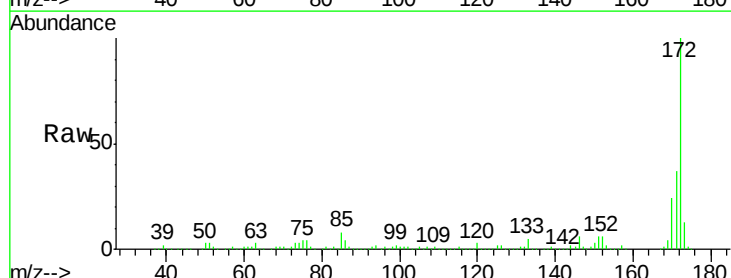
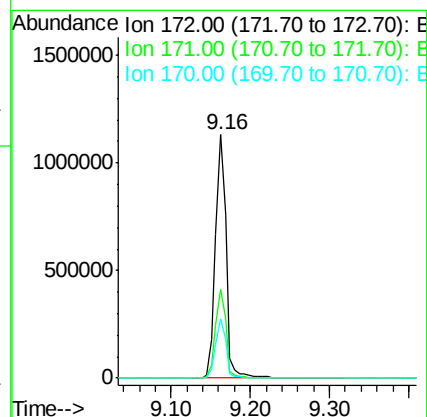
RT: 9.16 min Scan# 1203

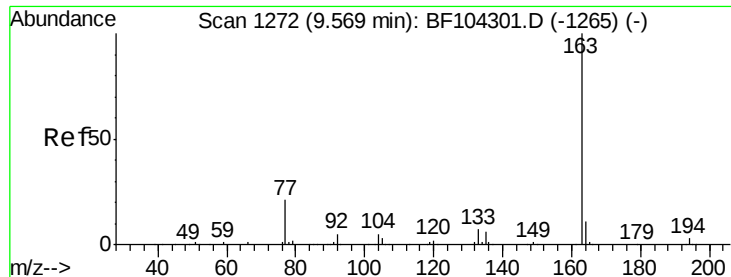
Delta R.T. -0.00 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Tgt Ion:	172	Resp:	1061043
Ion Ratio		Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4





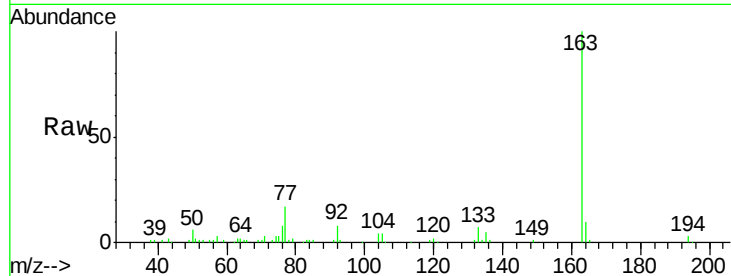
#49
Dimethylphthalate
Concen: 6.674 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104693.D
Acq: 21 Apr 2018 00:40

Instrument :
BNA_F
ClientSampleId :
T-8_1.0-1.5

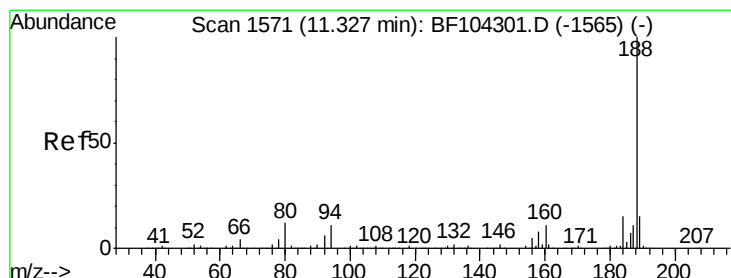
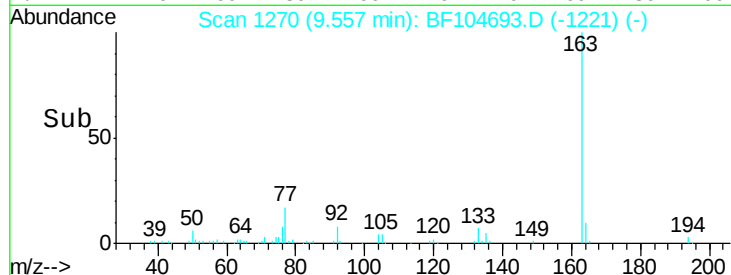
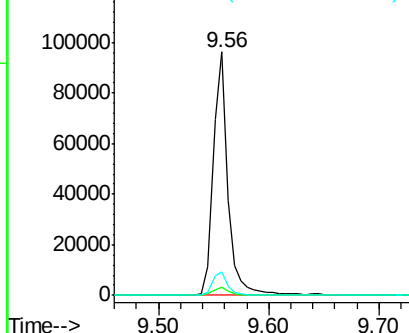
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2

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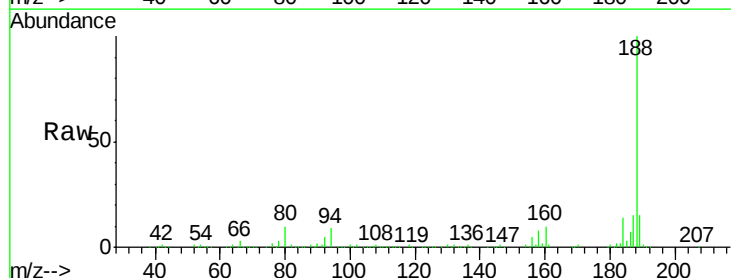


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

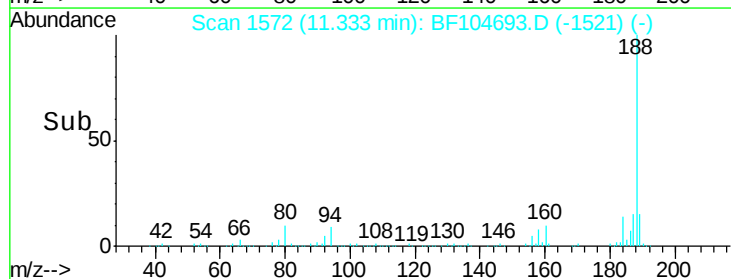
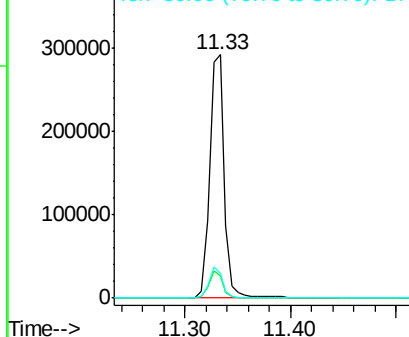


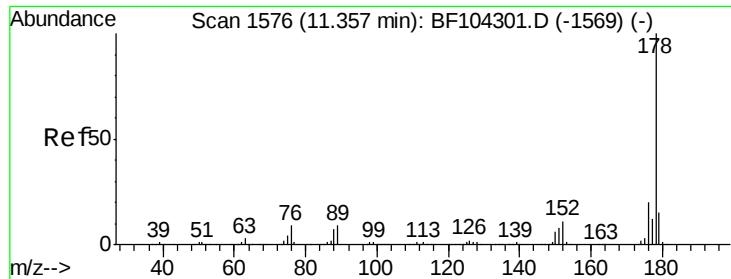
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104693.D
Acq: 21 Apr 2018 00:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.3	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





#70

Phenanthrene

Concen: 2.764 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Instrument :

BNA_F

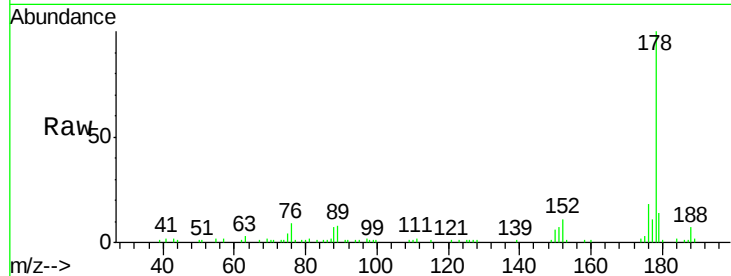
ClientSampleId :

T-8_1.0-1.5

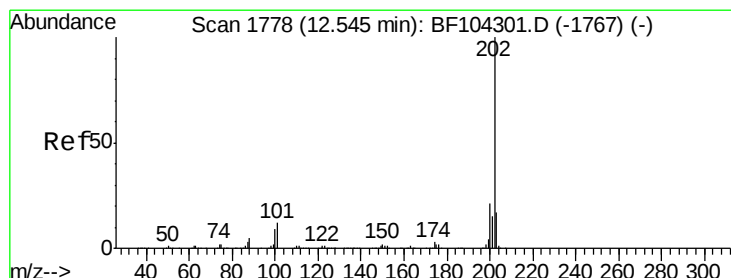
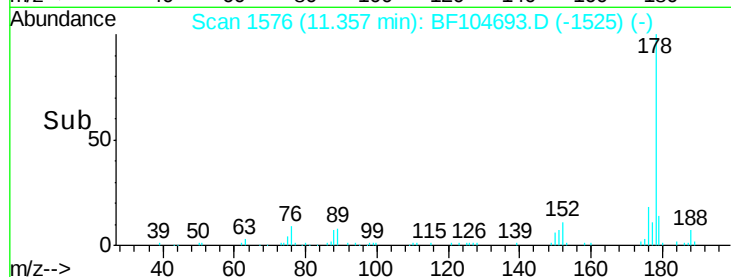
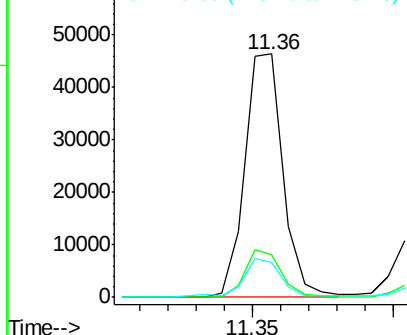
Tot Ion:178	Resp:	43546
Ion Ratio	Lower	Upper
178 100		
176 17.6	15.8	23.8
179 14.1	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.241 ng

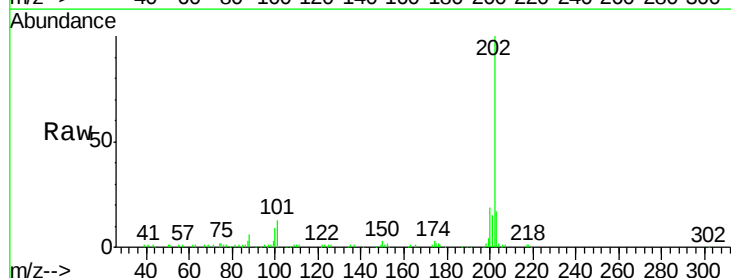
RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

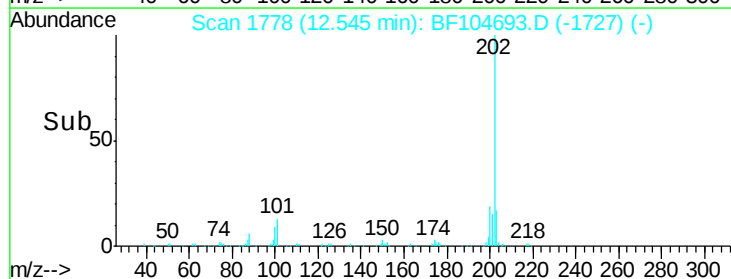
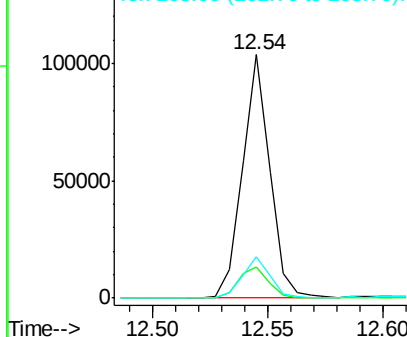
Lab File: BF104693.D

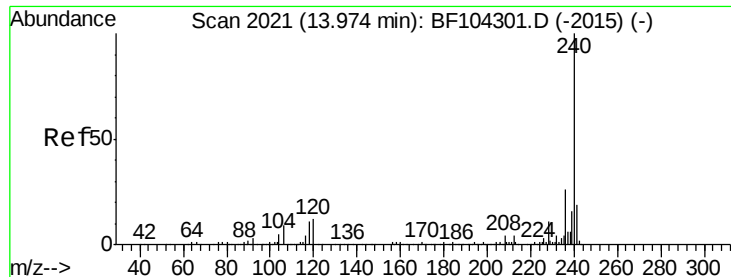
Acq: 21 Apr 2018 00:40

Tgt Ion:202	Resp:	86277
Ion Ratio	Lower	Upper
202 100		
101 12.6	0.0	34.1
203 16.9	0.0	38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Instrument :

BNA_F

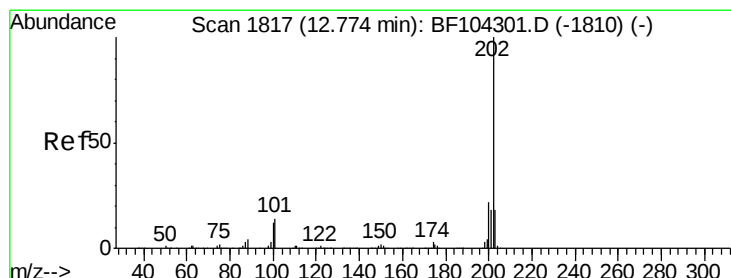
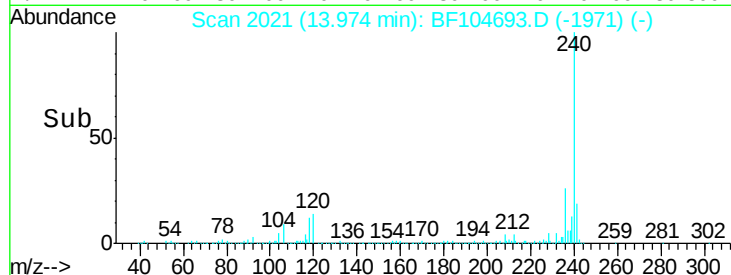
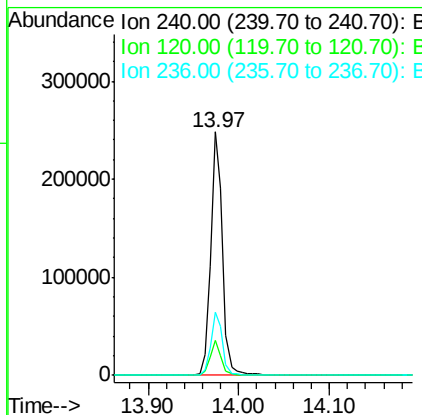
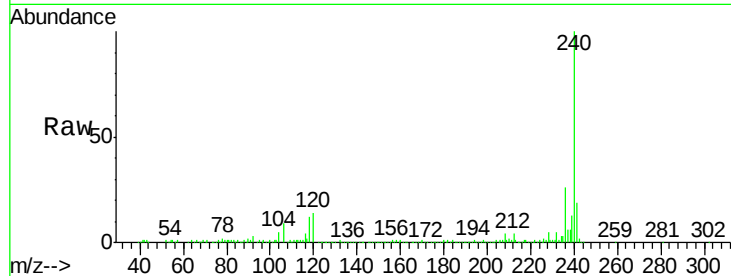
ClientSampleId :

T-8_1.0-1.5

Tot Ion:	240	Resp:	226850
Ion Ratio	Lower	Upper	
240	100		
120	14.4	9.5	14.3#
236	26.1	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.234 ng

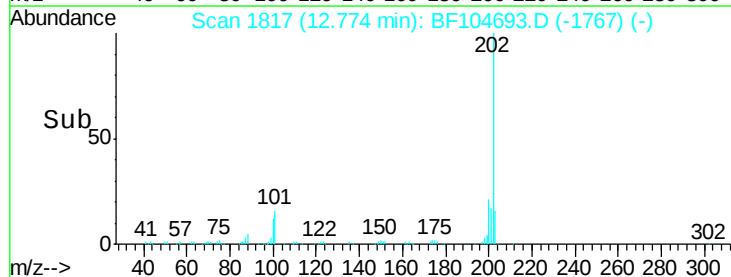
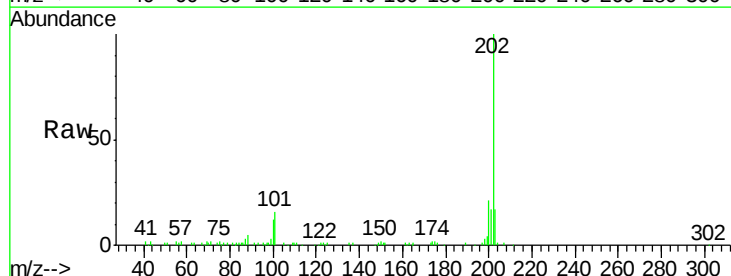
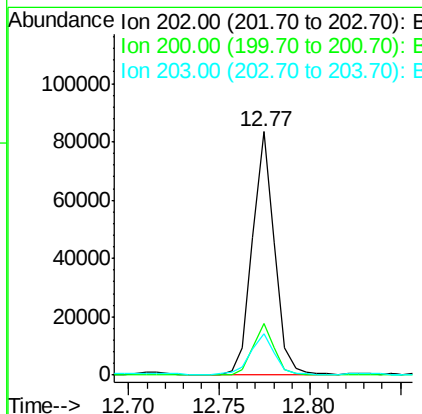
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Tgt Ion:	202	Resp:	71200
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	16.8	14.3	21.5





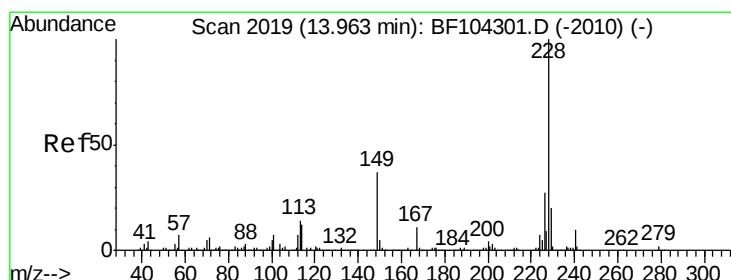
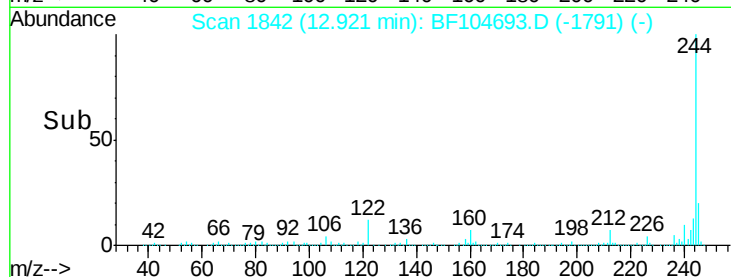
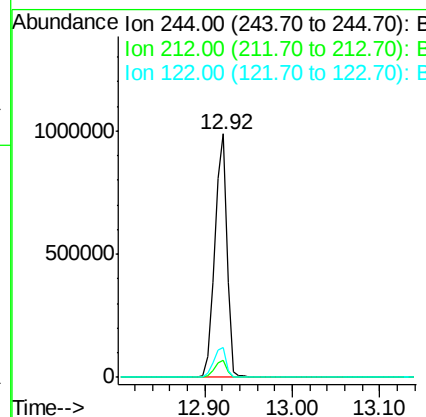
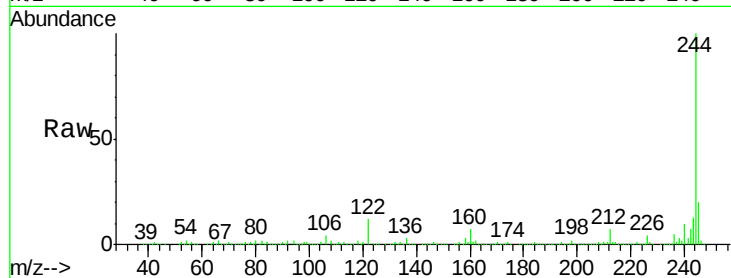
#78
 Terphenyl-d14
 Concen: 96.340 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104693.D
 Acq: 21 Apr 2018 00:40

Instrument :
 BNA_F
 ClientSampled :
 T-8 1.0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.1	11.0	16.4

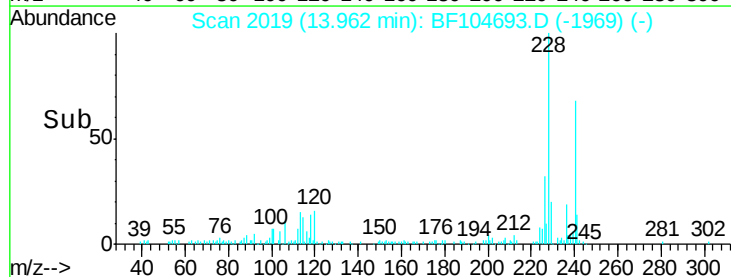
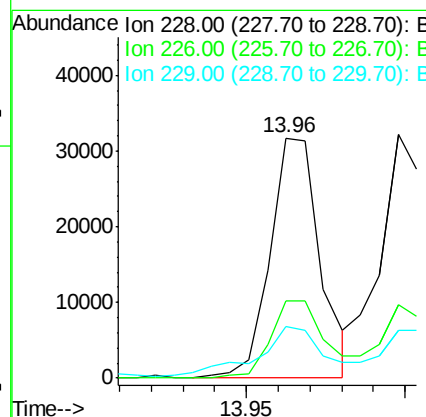
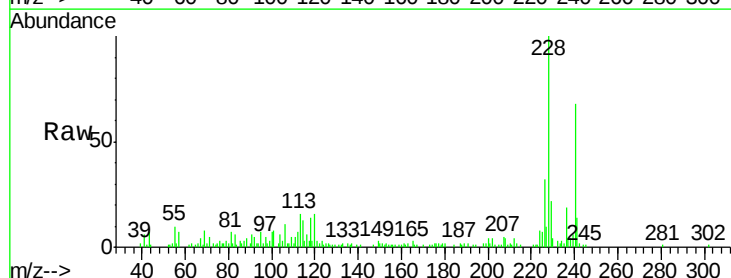
Manual Integrations
 APPROVED

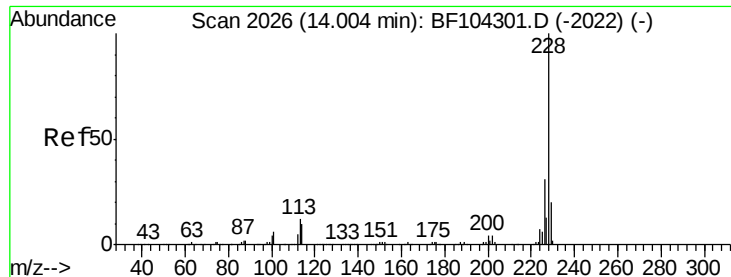
Sohil
 4/23/2018 2:18:43 PM



#80
 Benzo(a)anthracene
 Concen: 2.578 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF104693.D
 Acq: 21 Apr 2018 00:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	21.5	15.8	23.6





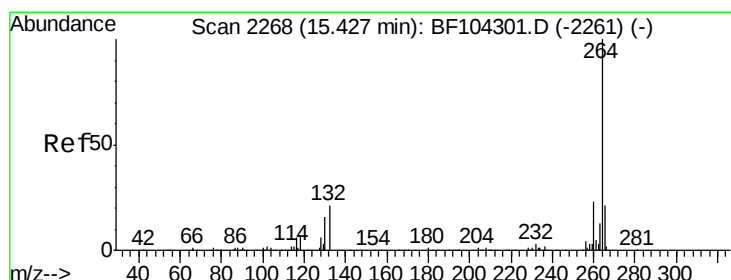
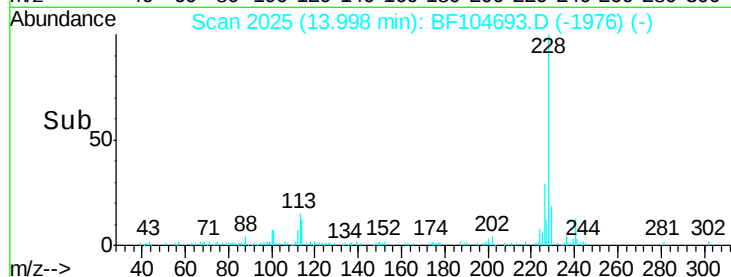
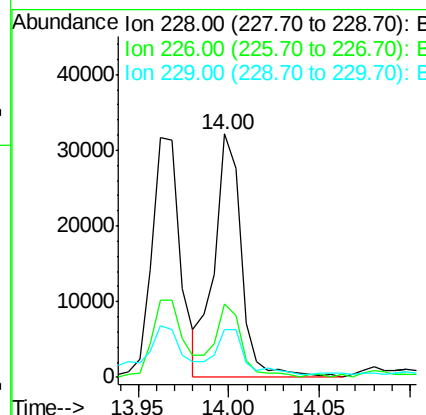
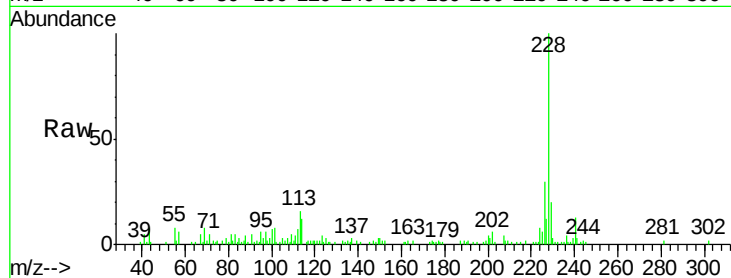
#82
Chrysene
Concen: 2.419 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF104693.D
Acq: 21 Apr 2018 00:40

Instrument :
BNA_F
ClientSampled :
T-8 1.0-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.7	16.2	24.4

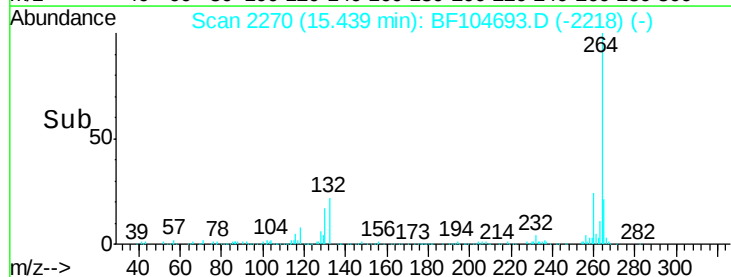
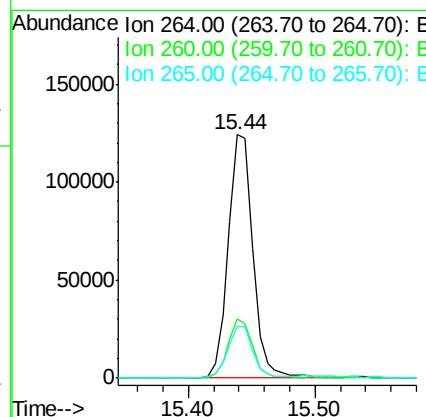
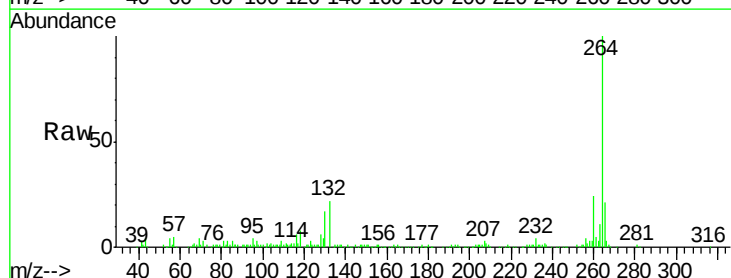
Manual Integrations
APPROVED

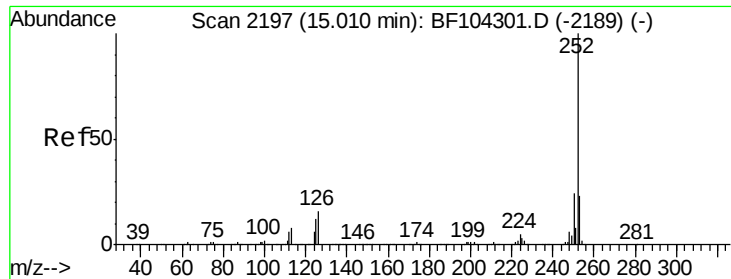
Sohil
4/23/2018 2:18:43 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104693.D
Acq: 21 Apr 2018 00:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.898 ng/mL

RT: 15.02 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Instrument :

BNA_F

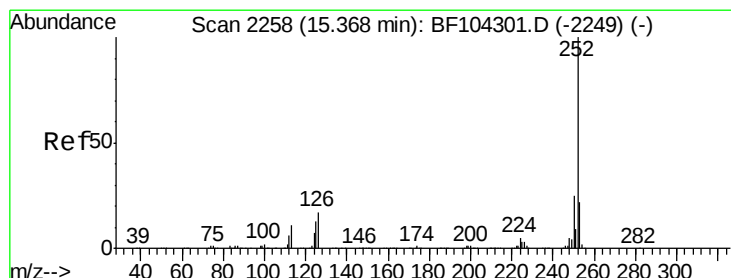
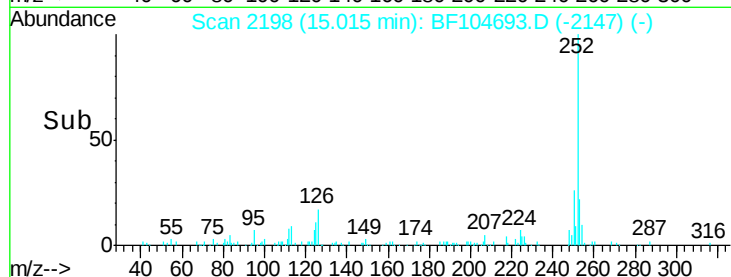
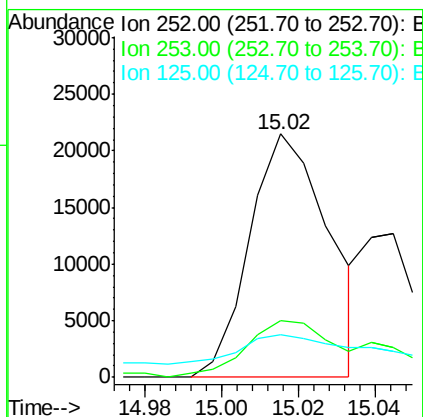
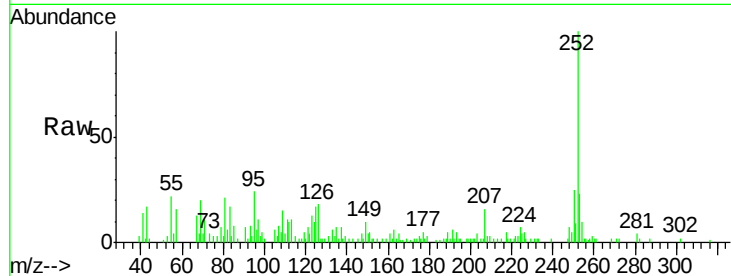
ClientSampled :

T-8 1.0-1.5

Tot Ion:	252	Resp:	30811
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	17.3	9.0	13.6#

Manual Integrations
APPROVED

Sohil
4/23/2018 2:18:43 PM



#89

Benzo(a)pyrene

Concen: 2.302 ng/mL

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF104693.D

Acq: 21 Apr 2018 00:40

Tgt Ion:	252	Resp:	21891
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.1	25.7
125	23.0	9.8	14.6#

