

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109661.D
 Acq On : 8 Oct 2018 21:29
 Operator : JU/SJ
 Sample : J5287-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Manual Integrations
 APPROVED

Sohil
 10/9/2018 2:57:41 PM

Quant Time: Oct 09 09:33:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101813	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	386852	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	151564	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	246783	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224492	20.00	ng	0.00
86) Perylene-d12	15.22	264	197797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	615905	107.38	ng	0.00
7) Phenol-d6	6.35	99	812986	106.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	517537	73.75	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	150624	91.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	772994	70.24	ng	0.00
78) Terphenyl-d14	12.78	244	580577	50.06	ng	0.00
Target Compounds						
10) Phenol	6.36	94	41323	4.703	ng	88
49) Dimethylphthalate	9.45	163	82434	7.416	ng	99
74) Fluoranthene	12.41	202	43231	3.351	ng	98
77) Pyrene	12.63	202	43111	2.621	ng	100
80) Benzo(a)anthracene	13.82	228	25134m	2.029	ng	
82) Chrysene	13.85	228	29979m	2.304	ng	
87) Benzo(b)fluoranthene	14.83	252	34507m	3.157	ng	

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

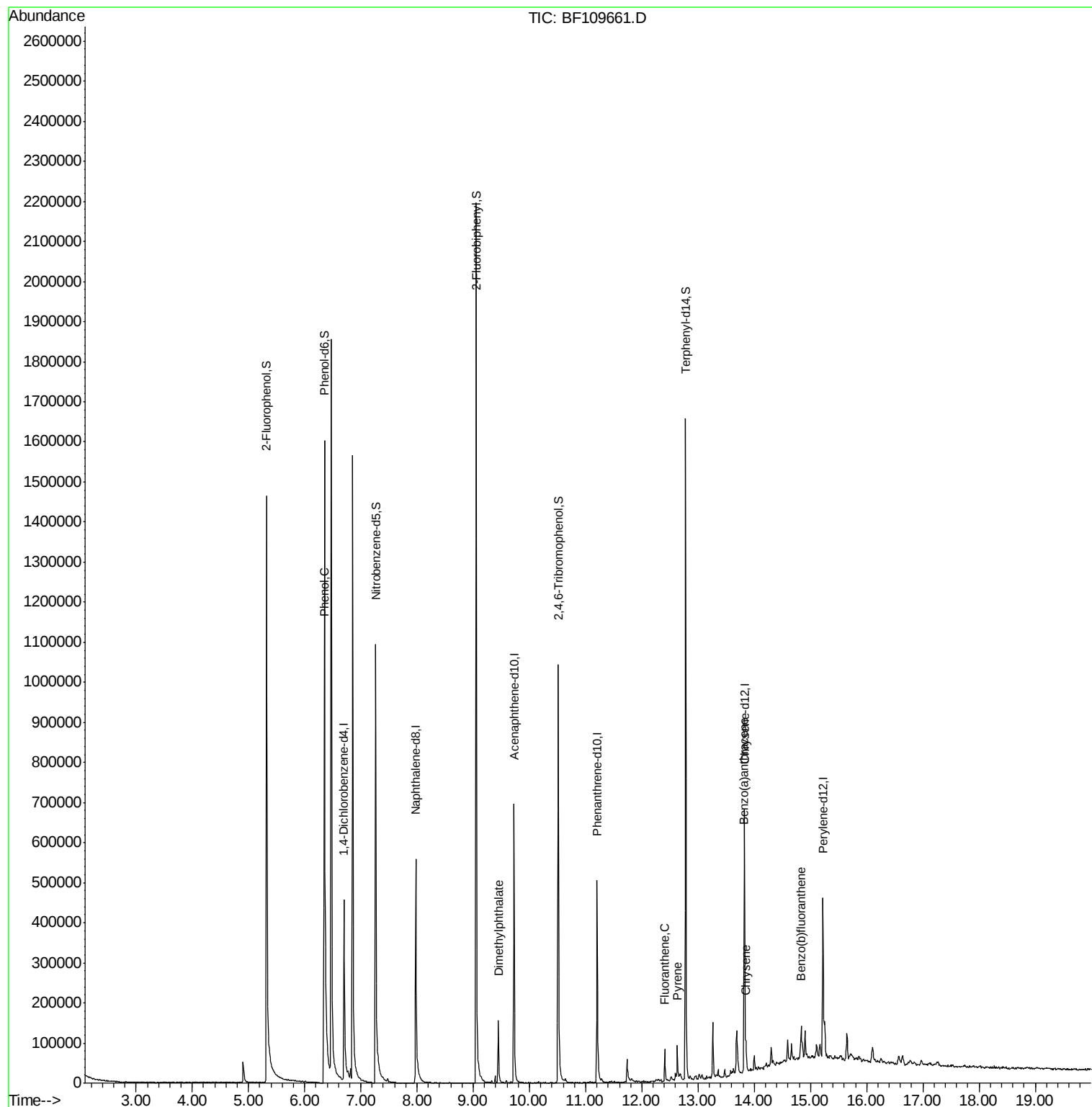
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
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ALS Vial : 12 Sample Multiplier: 1

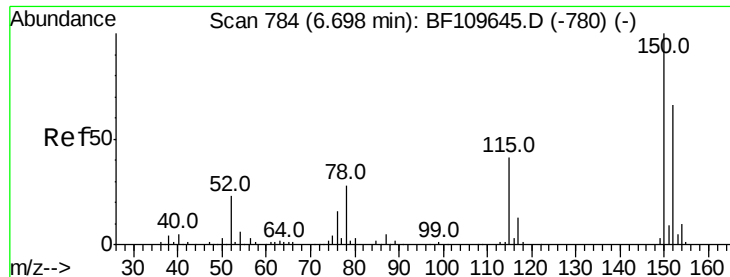
Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

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#1

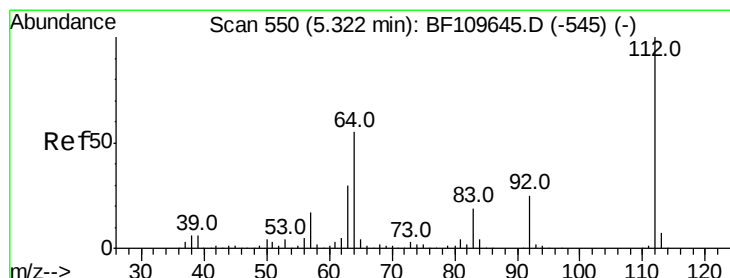
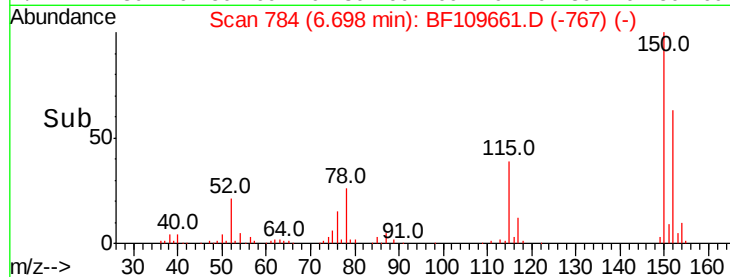
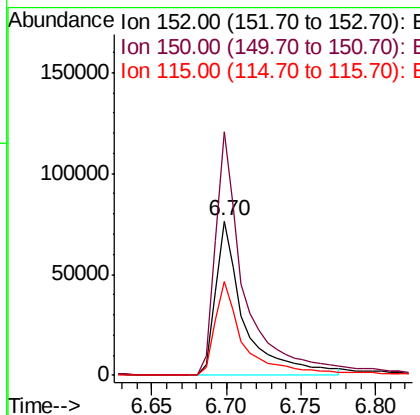
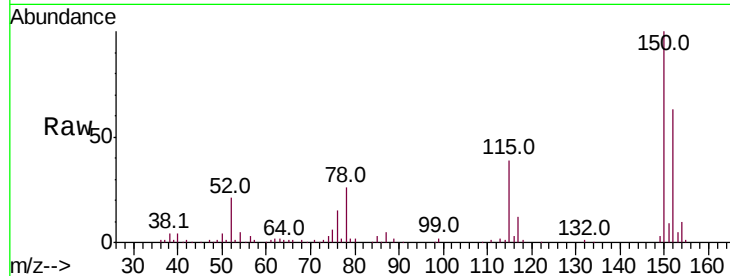
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	60.7	49.1	73.7

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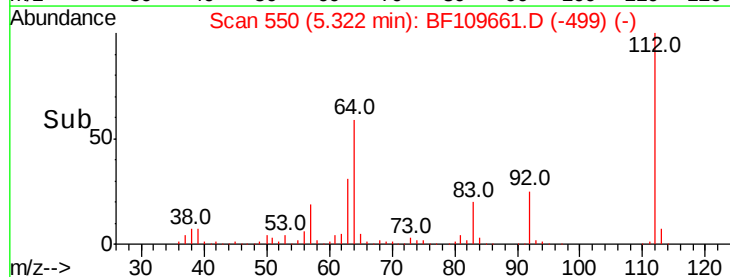
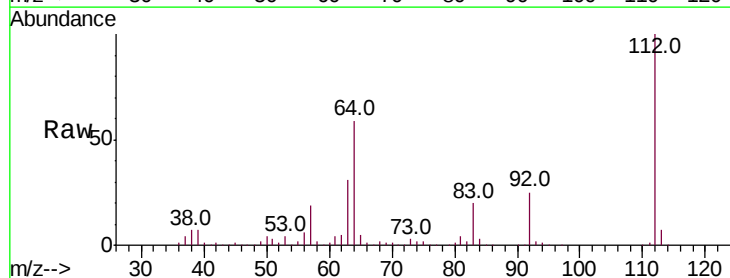
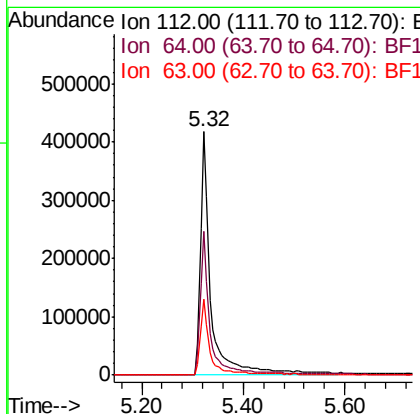
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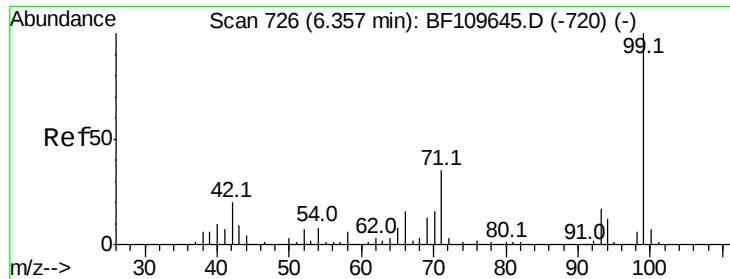


#5

2-Fluorophenol
Concen: 107.378 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	31.4	23.7	35.5





#7

Phenol-d6

Concen: 106.100 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

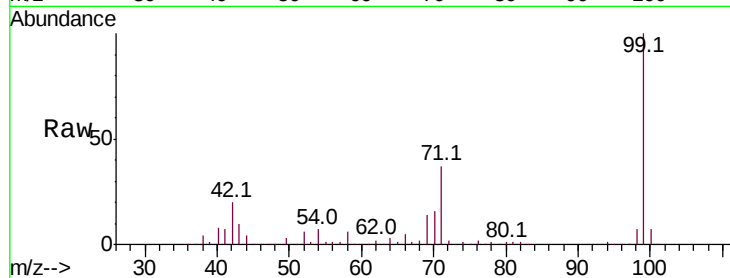
ClientSampled :

TRACK-D-3

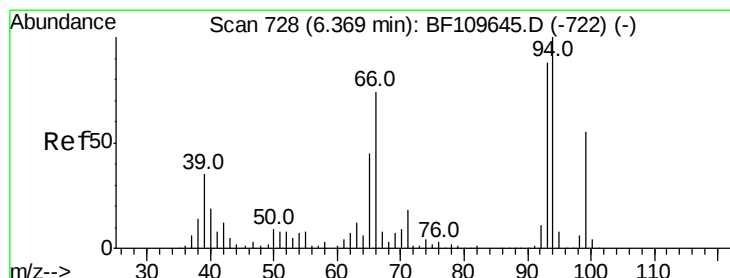
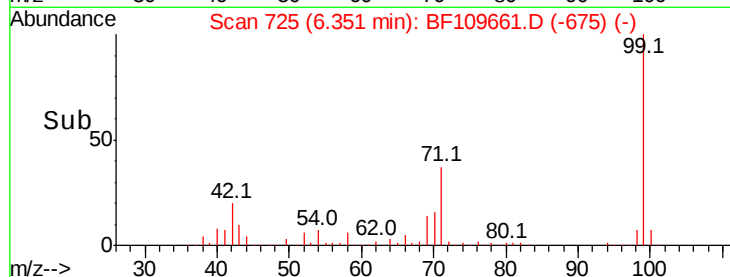
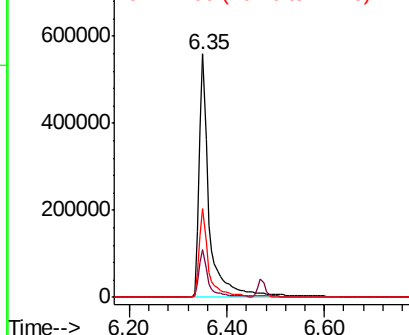
Tot Ion:	99	Resp:	812986
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	36.7	28.0	42.0

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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: 4.703 ng

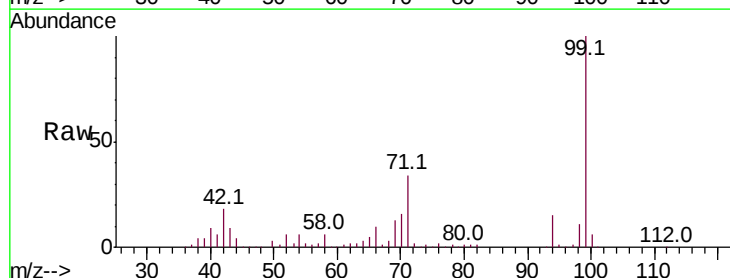
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

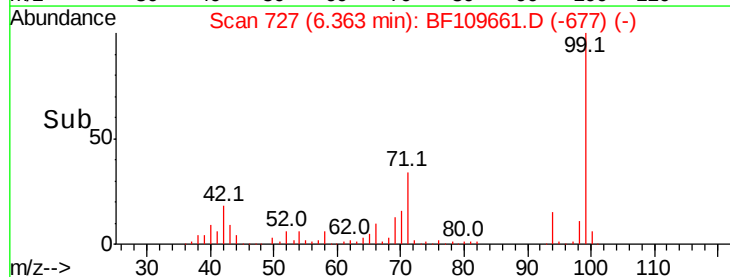
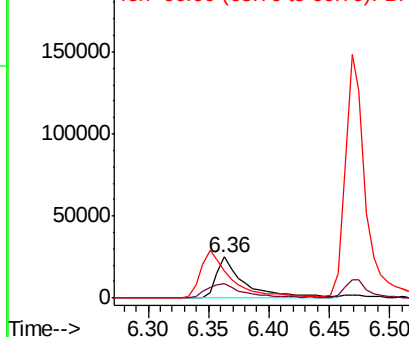
Lab File: BF109661.D

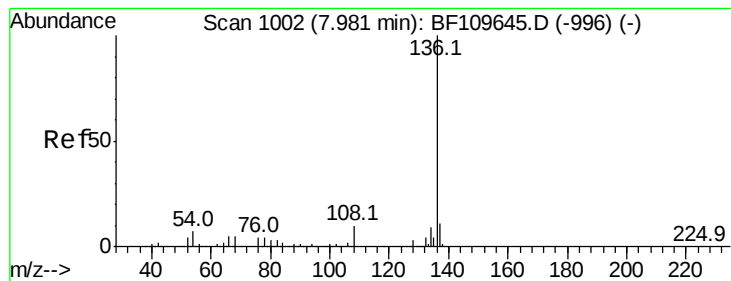
Acq: 8 Oct 2018 21:29

Tgt Ion:	94	Resp:	41323
Ion Ratio	Lower	Upper	
94	100		
65	35.3	25.3	65.3
66	66.5	54.5	94.5



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





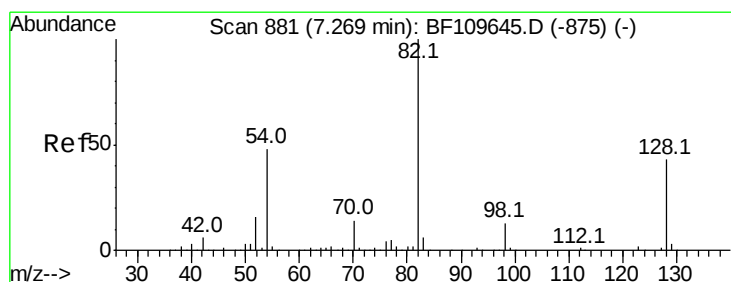
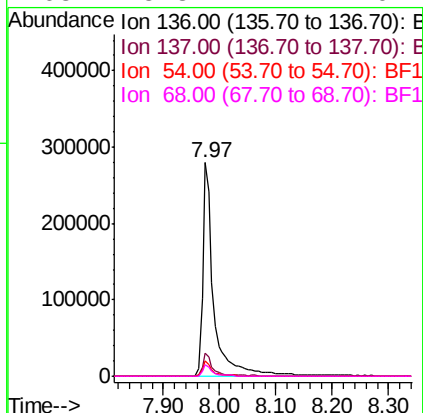
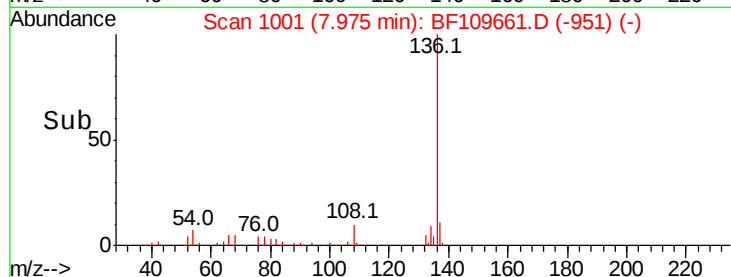
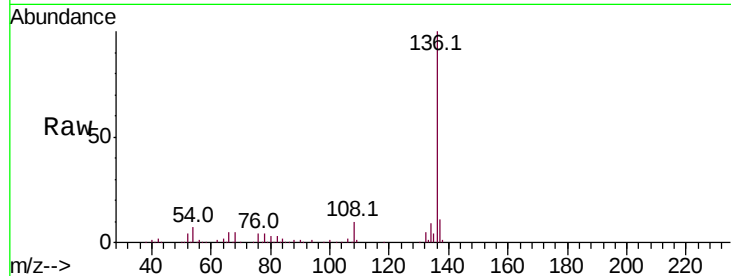
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.1	5.4	8.2	
68	5.3	4.2	6.2	

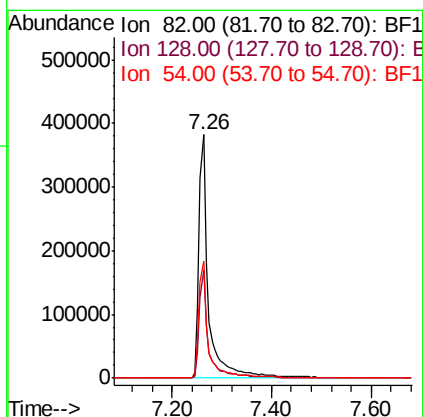
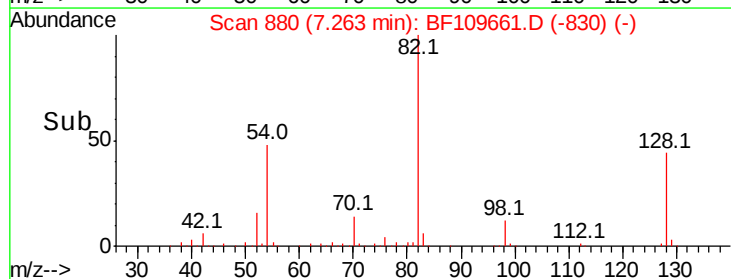
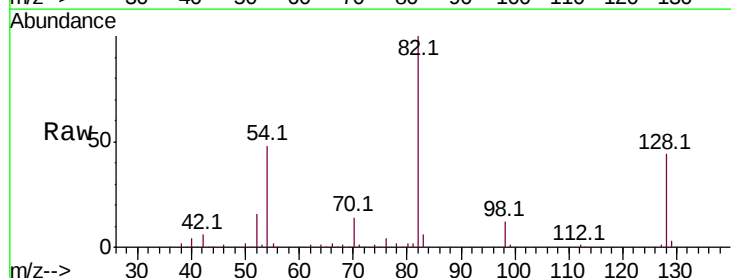
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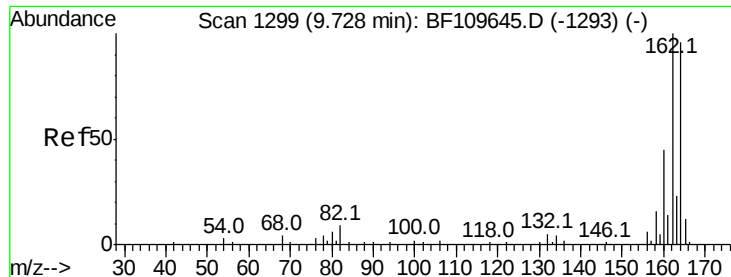
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#23
Nitrobenzene-d5
Concen: 73.745 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	34.2	51.2	
54	47.8	38.6	58.0	





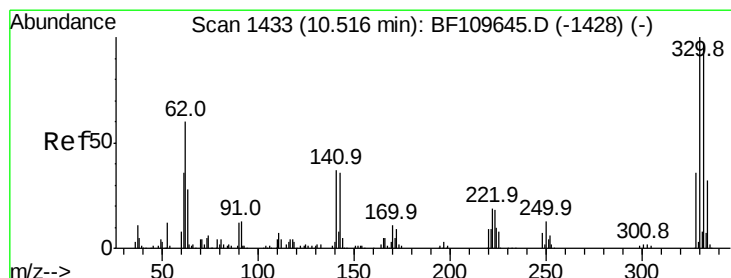
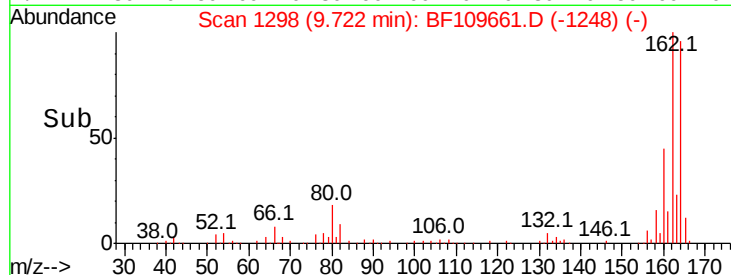
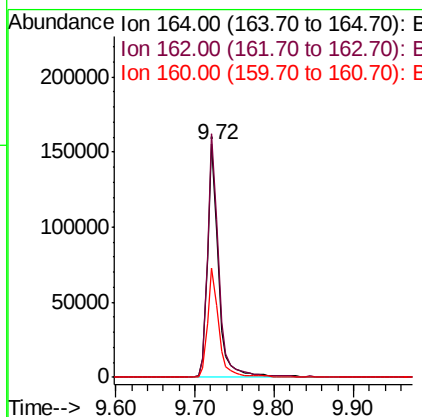
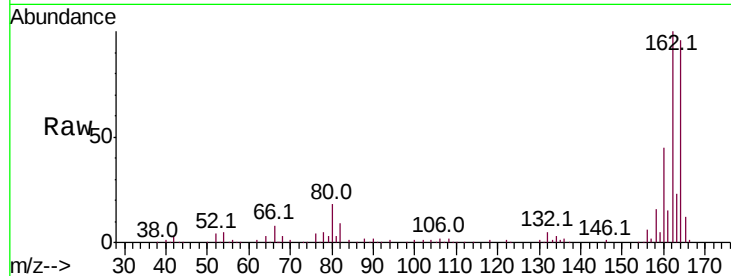
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100	151564		
162	104.4	83.0	124.6	
160	47.0	37.0	55.6	

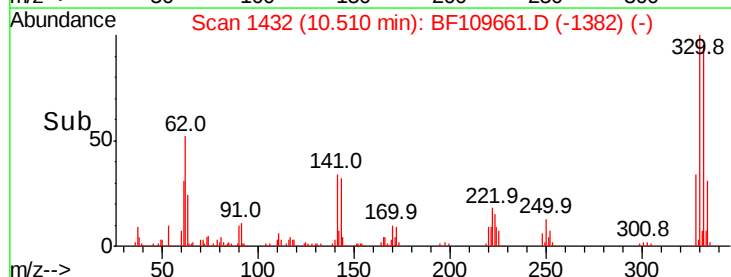
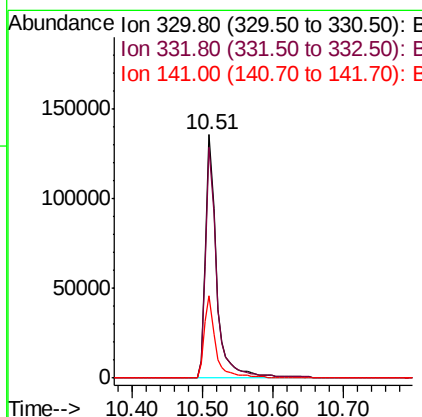
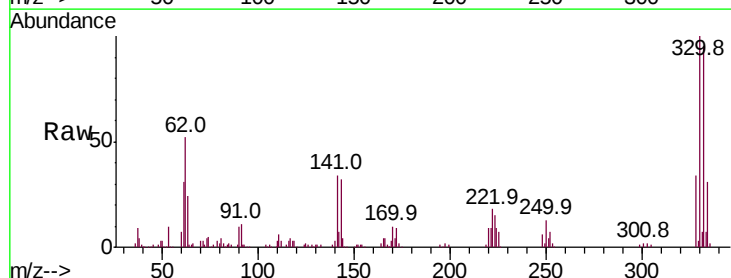
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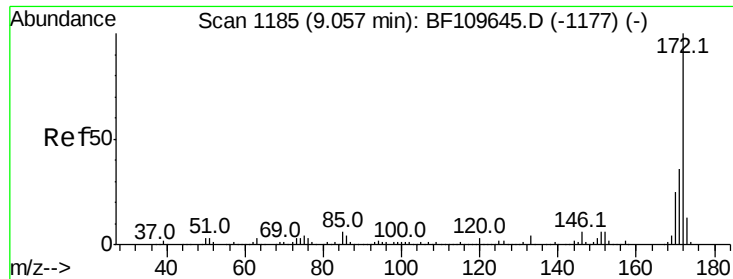
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#41
2,4,6-Tribromophenol
Concen: 91.207 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	150624		
332	95.5	77.1	115.7	
141	33.8	27.0	40.4	





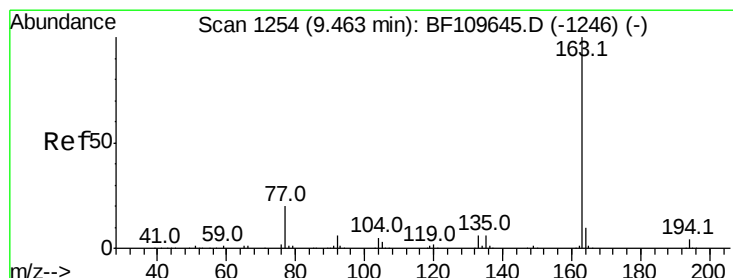
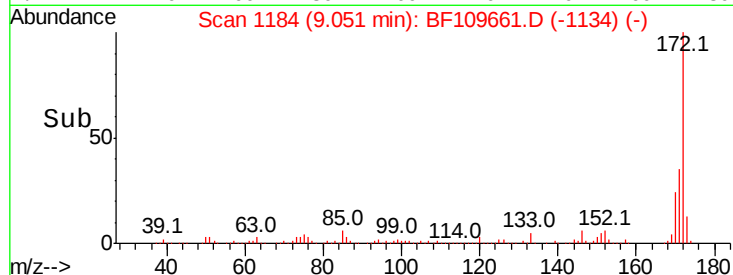
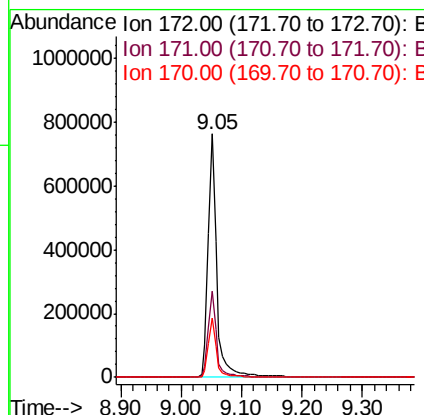
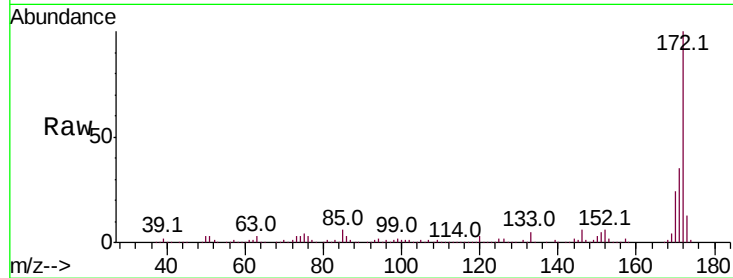
#44
2-Fluorobiphenyl
Concen: 70.241 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampled :
TRACK-D-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100	772994		
171	35.4		28.6	43.0
170	24.2		19.7	29.5

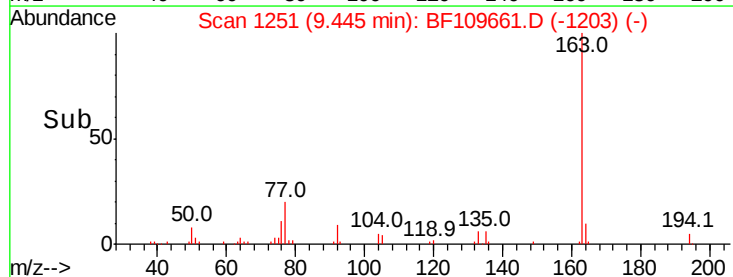
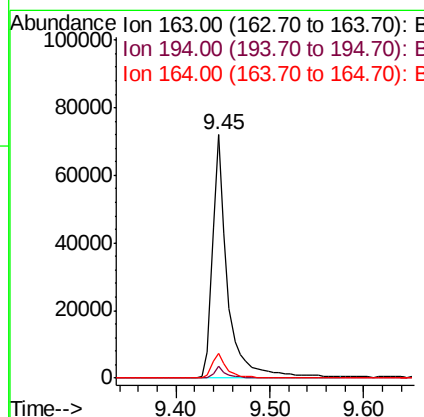
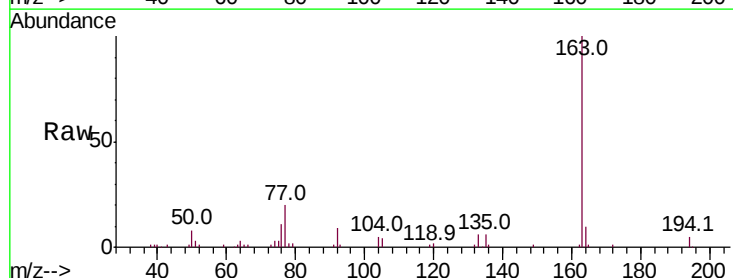
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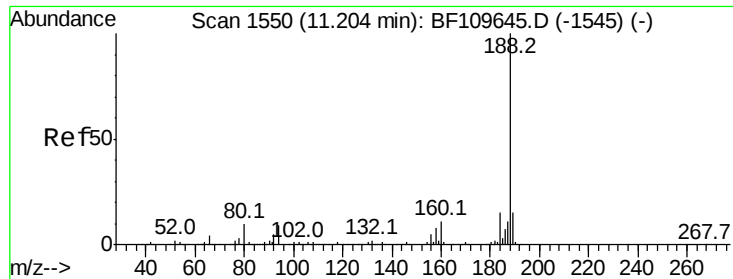
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#49
Dimethylphthalate
Concen: 7.416 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	82434		
194	4.7		3.2	4.8
164	10.2		8.1	12.1





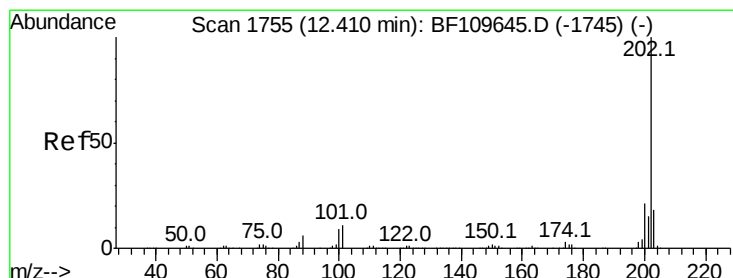
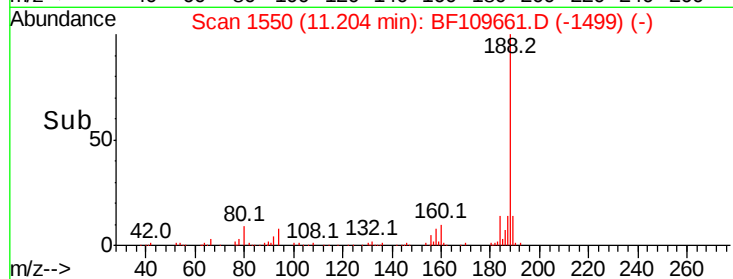
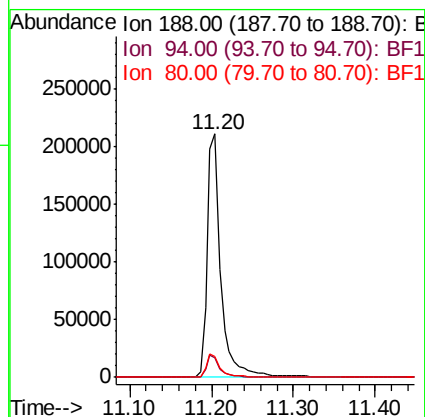
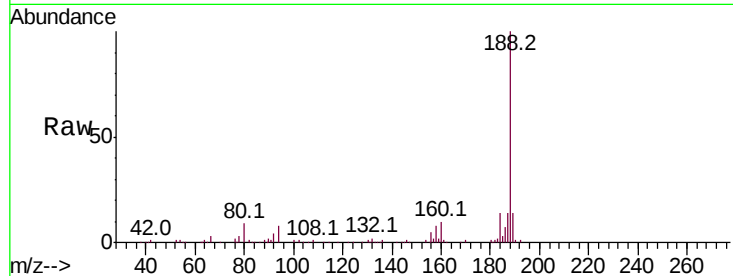
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampled :
TRACK-D-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.6	7.9	11.9

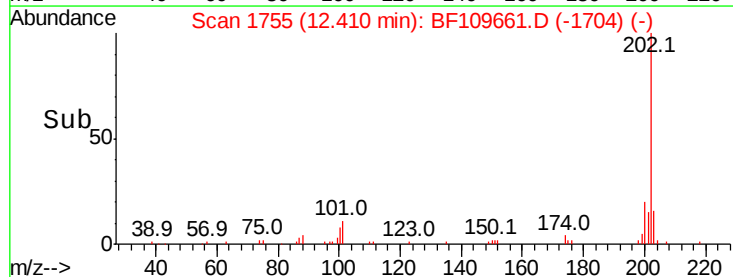
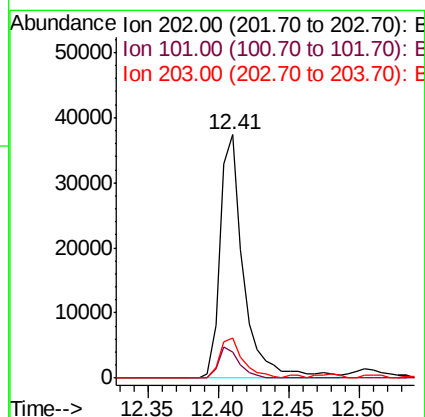
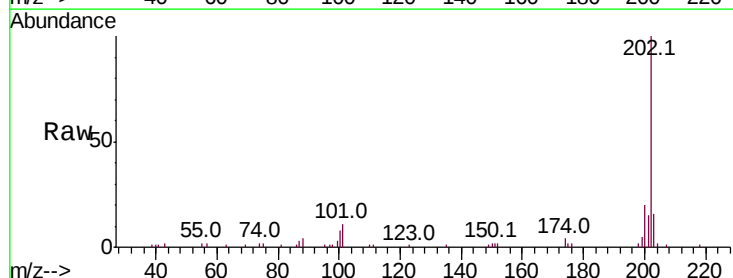
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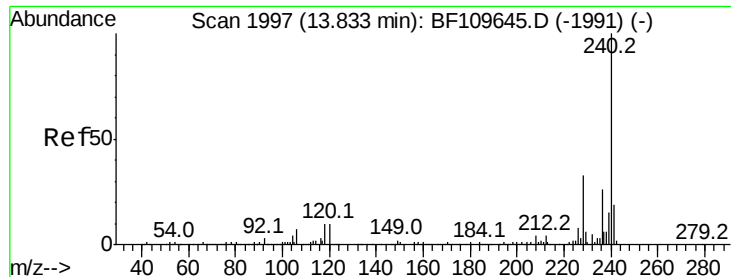
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#74
Fluoranthene
Concen: 3.351 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.4
203	16.4	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

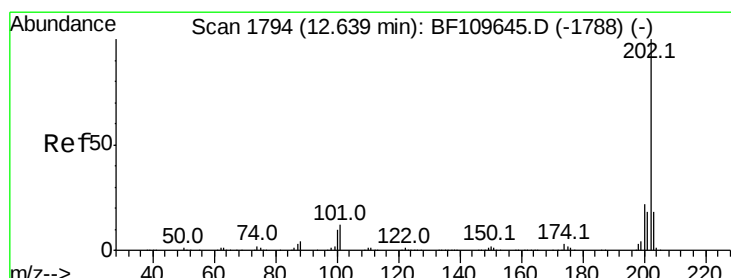
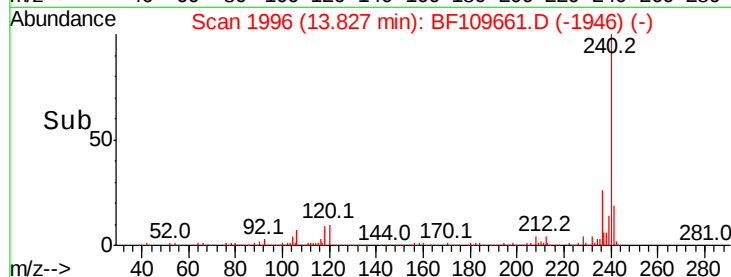
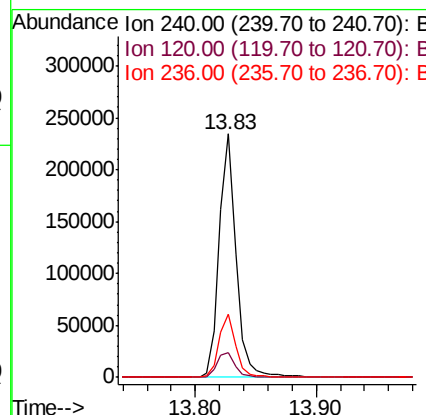
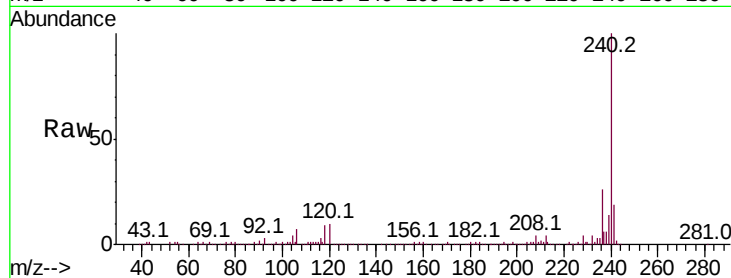
ClientSampleId :

TRACK-D-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.2	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 2.621 ng

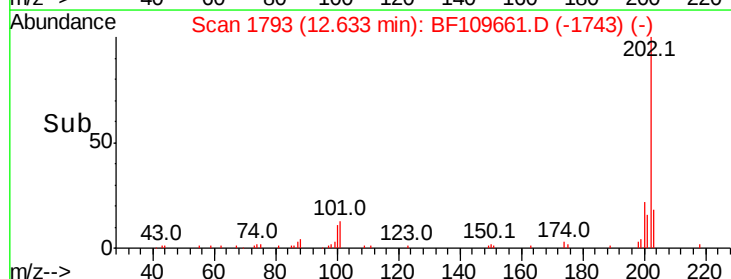
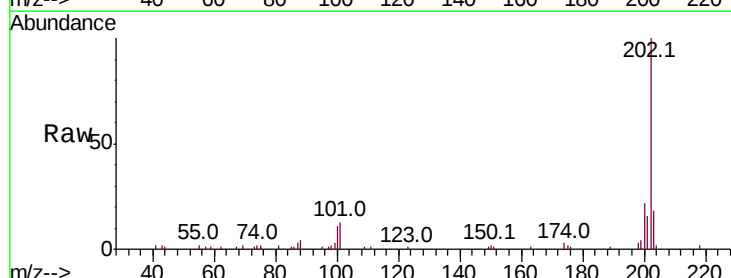
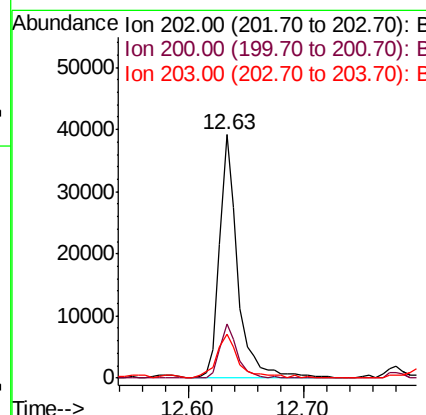
RT: 12.63 min Scan# 1793

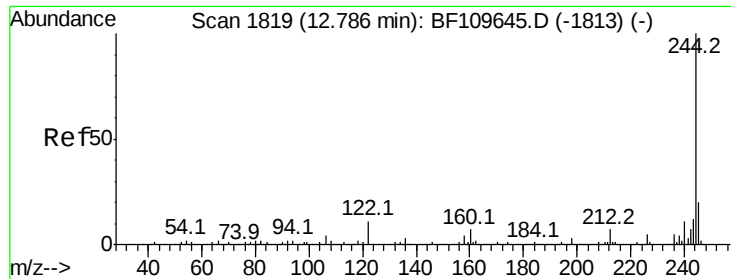
Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	18.0	14.2	21.4





#78

Terphenyl-d14

Concen: 50.064 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Instrument :

BNA_F

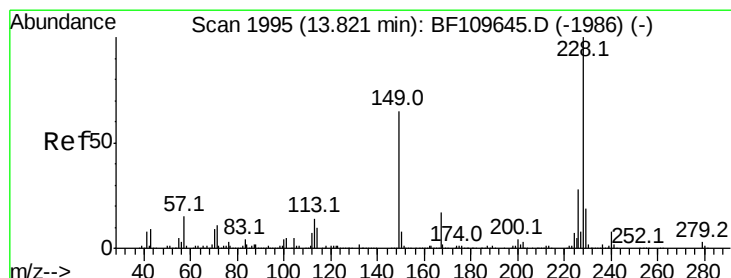
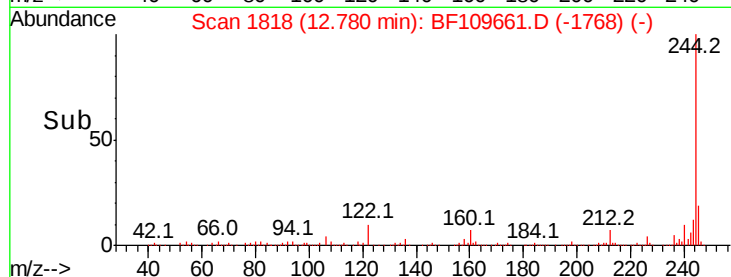
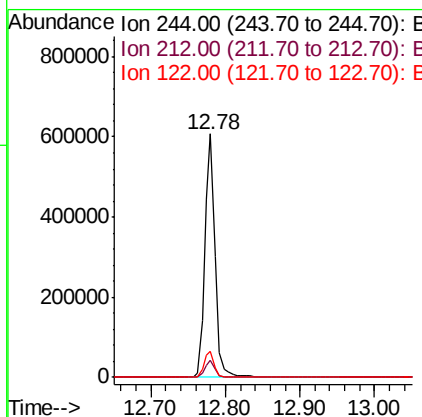
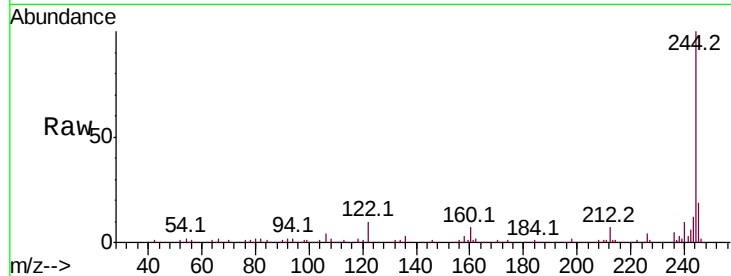
ClientSampled :

TRACK-D-3

Tot Ion:	244	Resp:	580577
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	10.5	8.7	13.1

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#80

Benzo(a)anthracene

Concen: 2.029 ng m

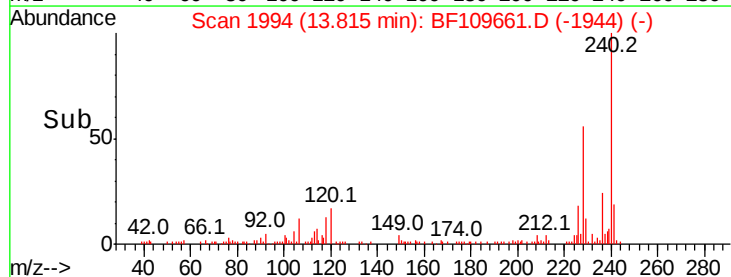
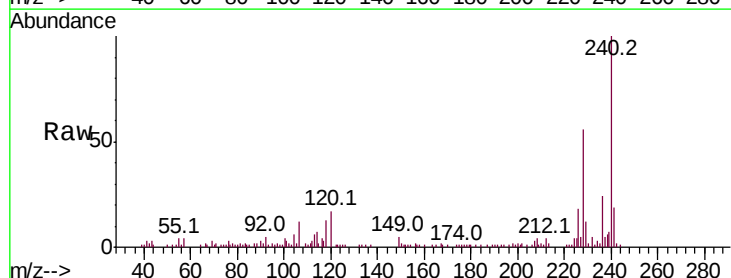
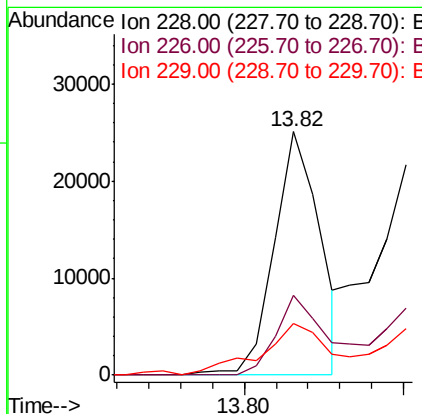
RT: 13.82 min Scan# 1994

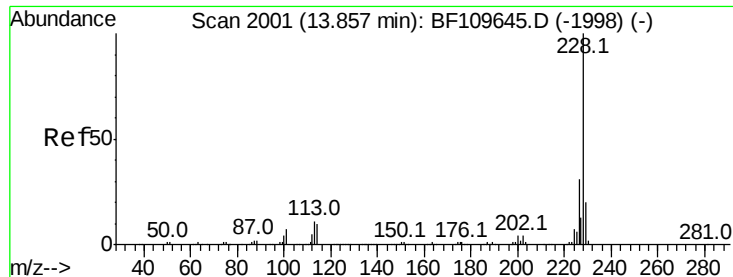
Delta R.T. -0.01 min

Lab File: BF109661.D

Acq: 8 Oct 2018 21:29

Tgt Ion:	228	Resp:	25134
Ion Ratio	Lower	Upper	
228	100		
226	32.7	22.1	33.1
229	21.0	15.6	23.4





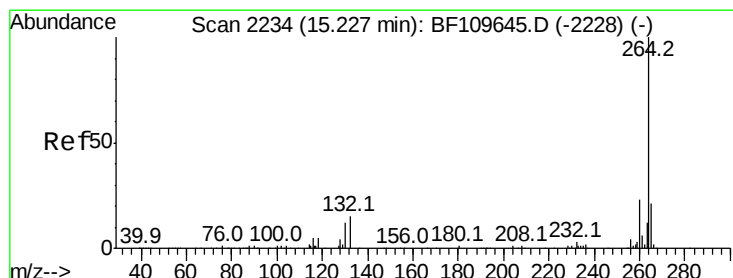
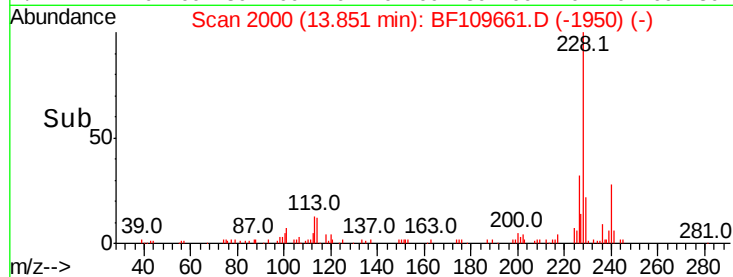
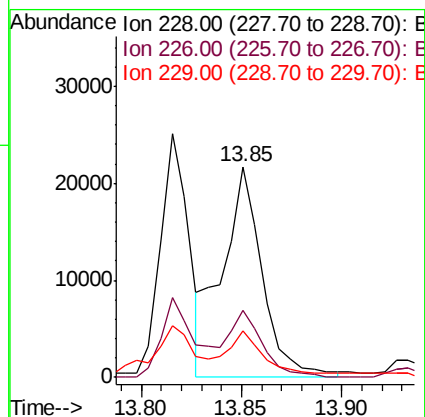
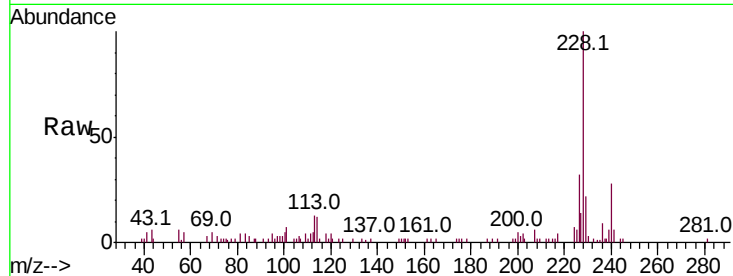
#82
Chrysene
Concen: 2.304 ng/mL
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Instrument :
BNA_F
ClientSampleId :
TRACK-D-3

Tot Ion:	228	Resp:	29979
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.7	37.1
229	21.9	15.9	23.9

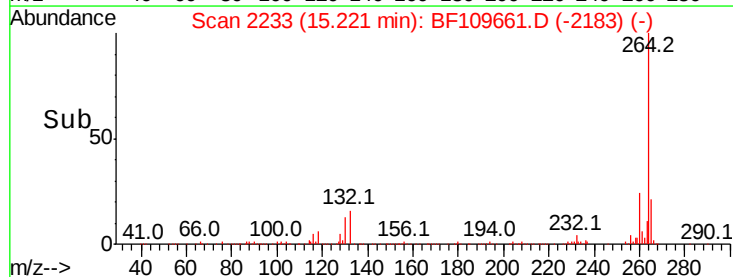
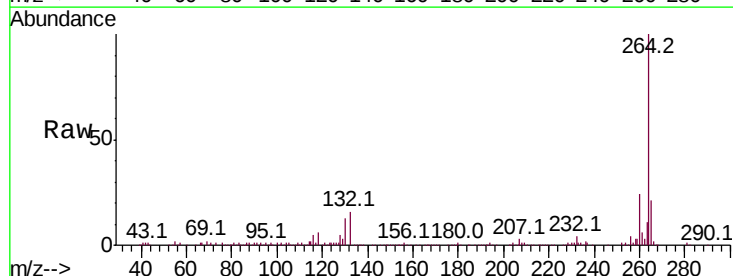
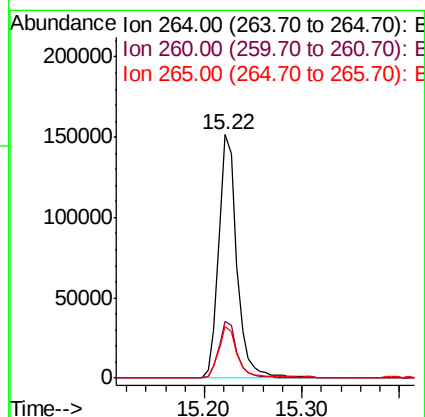
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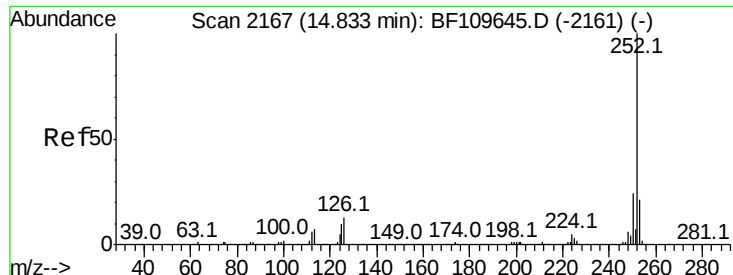
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109661.D
Acq: 8 Oct 2018 21:29

Tgt Ion:	264	Resp:	197797
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	21.4	16.7	25.1





#87
 Benzo(b)fluoranthene
 Concen: 3.157 ng m
 RT: 14.83 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BF109661.D
 Acq: 8 Oct 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-3

Tot Ion:	252	Resp:	34507
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	12.4	8.2	12.4

Manual Integrations
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