

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104712.D
 Acq On : 23 Apr 2018 16:27
 Operator : JU/SJ
 Sample : J2499-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 278

Manual Integrations
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 4/24/2018 3:48:42 PM

Quant Time: Apr 24 09:19:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126360	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	509258	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	211005	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	340684	20.00	ng	0.00
75) Chrysene-d12	13.99	240	230824	20.00	ng	0.00
86) Perylene-d12	15.46	264	181643	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	732058	88.58	ng	0.02
7) Phenol-d6	6.46	99	871317	85.81	ng	0.01
23) Nitrobenzene-d5	7.37	82	497548	63.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	165608	75.66	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	866326	64.86	ng	0.00
78) Terphenyl-d14	12.93	244	702266	69.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	52238	3.139	ng	98
70) Phenanthrene	11.36	178	82876	4.368	ng	97
74) Fluoranthene	12.56	202	169011	8.526	ng	97
77) Pyrene	12.79	202	142731	8.342	ng	98
80) Benzo(a)anthracene	13.98	228	69437	5.035	ng	98
82) Chrysene	14.02	228	58873	4.156	ng	97
85) Indeno(1,2,3-cd)pyrene	16.93	276	25724	2.138	ng	# 92
87) Benzo(b)fluoranthene	15.04	252	64186m	5.595	ng	
89) Benzo(a)pyrene	15.40	252	43881	4.275	ng	95
91) Benzo(g,h,i)perylene	17.37	276	24383	2.985	ng	95

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

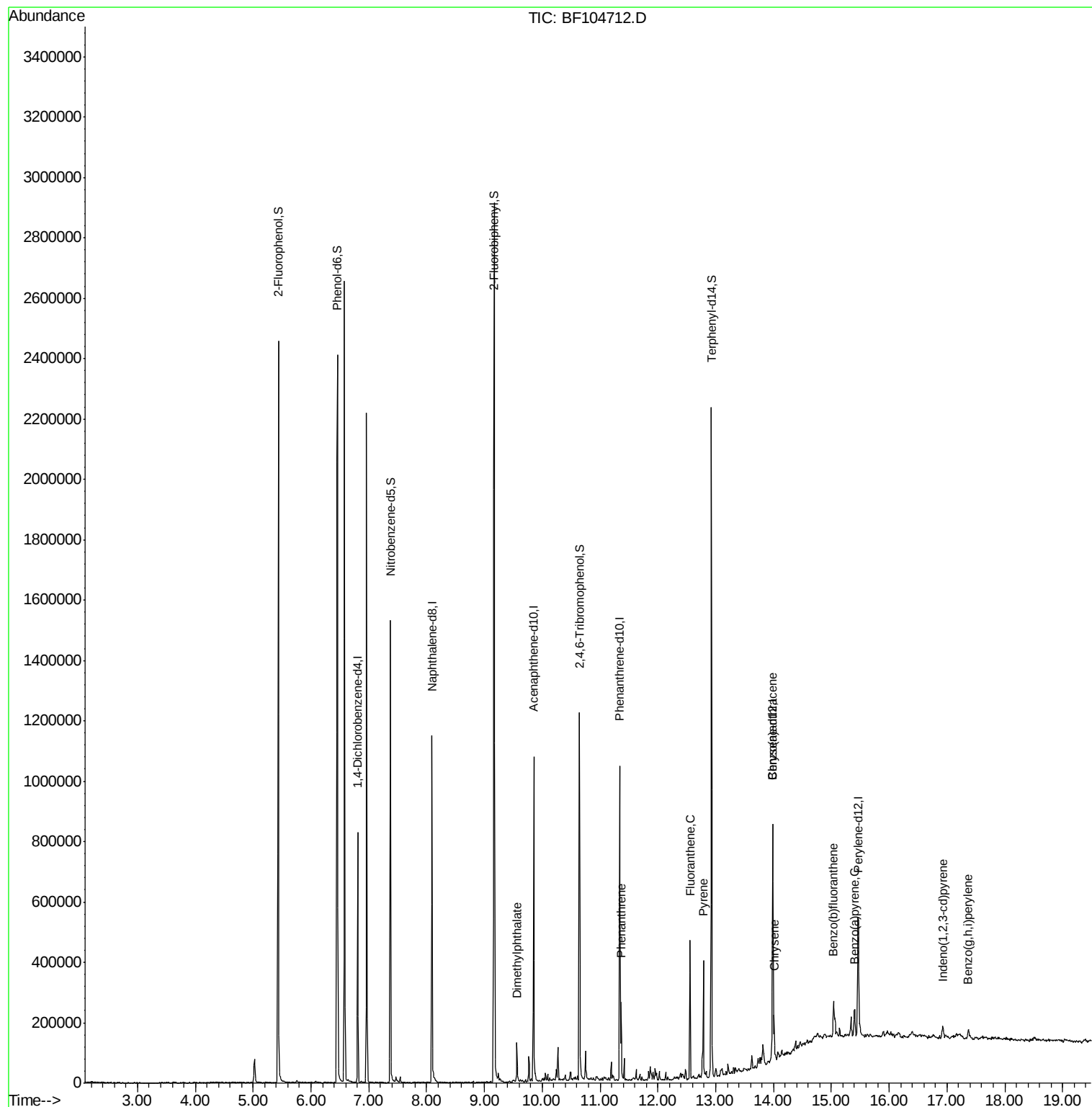
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104712.D
Acq On : 23 Apr 2018 16:27
Operator : JU/SJ
Sample : J2499-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

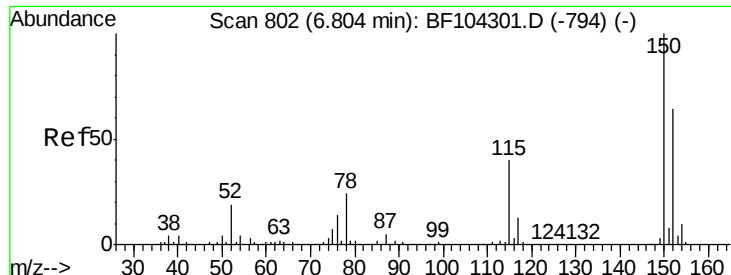
Instrument :
BNA_F
ClientSampleId :
278

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Quant Time: Apr 24 09:19:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration





#1

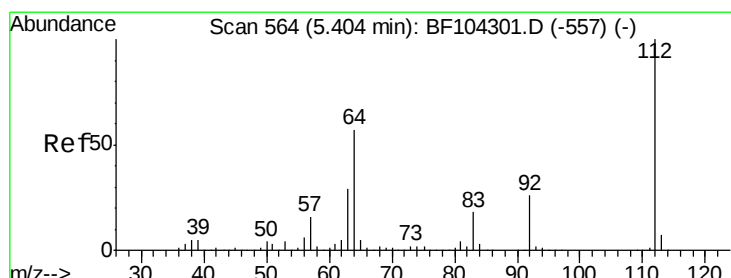
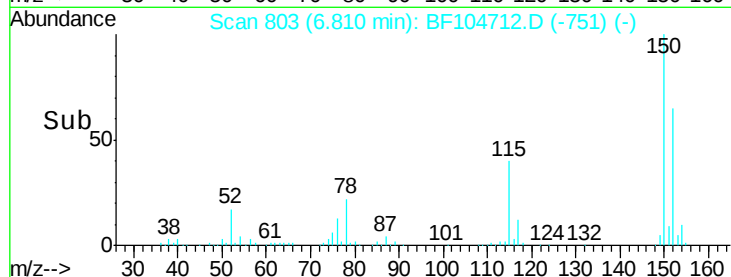
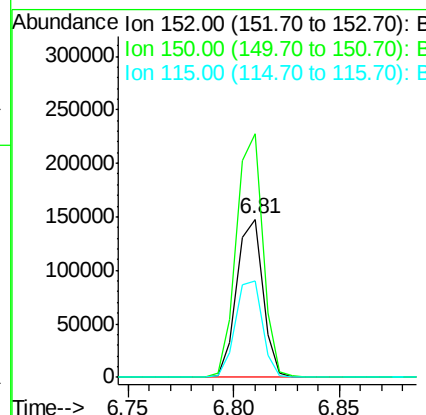
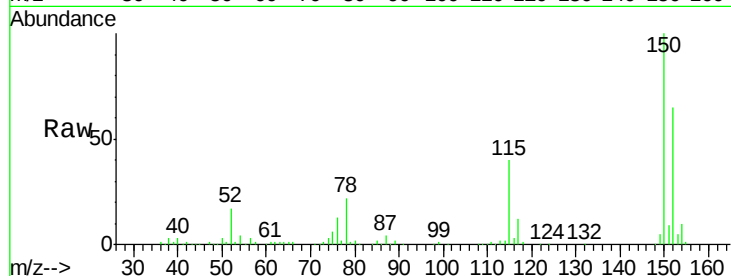
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Instrument :
BNA_F
ClientSampled :
278

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	61.4	50.1	75.1

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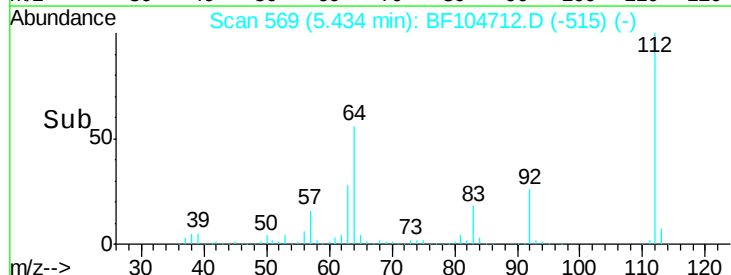
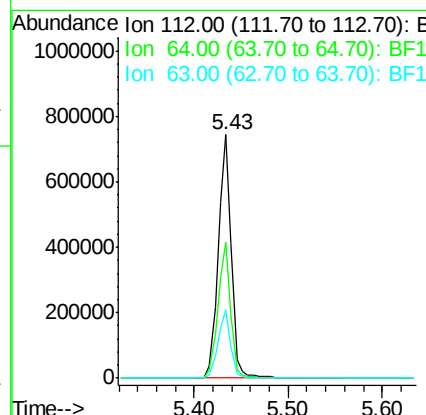
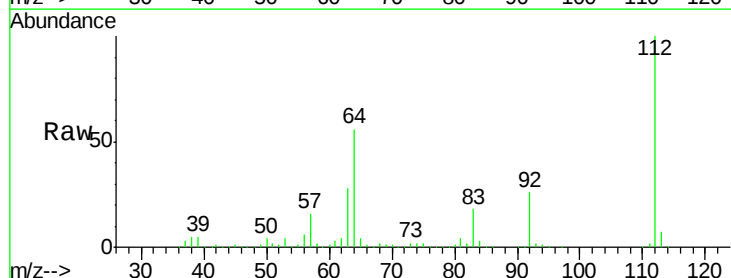
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#5

2-Fluorophenol
Concen: 88.585 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.2	23.7	35.5





#7

Phenol-d6

Concen: 85.813 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Instrument :

BNA_F

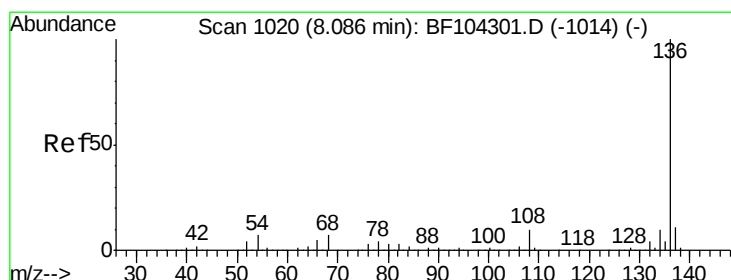
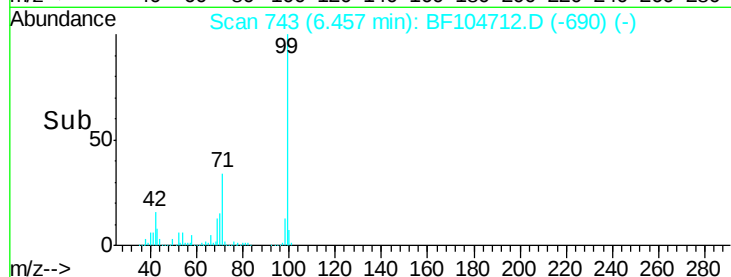
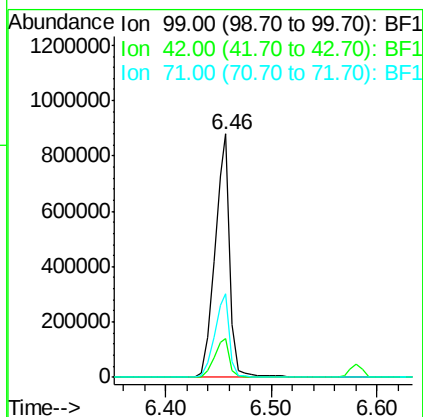
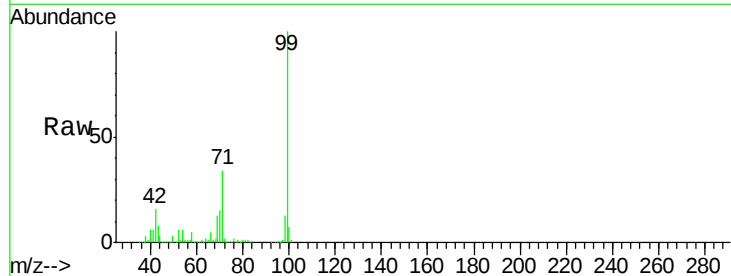
ClientSampleId :

278

Tot Ion:	99	Resp:	871317
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	34.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

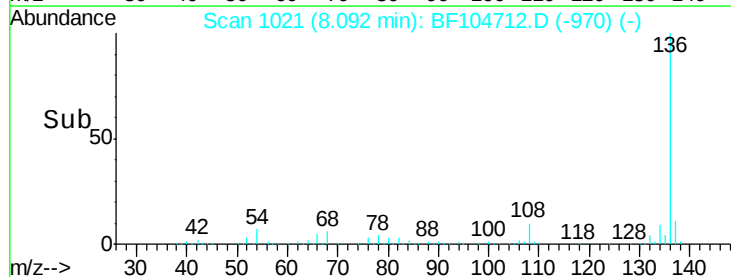
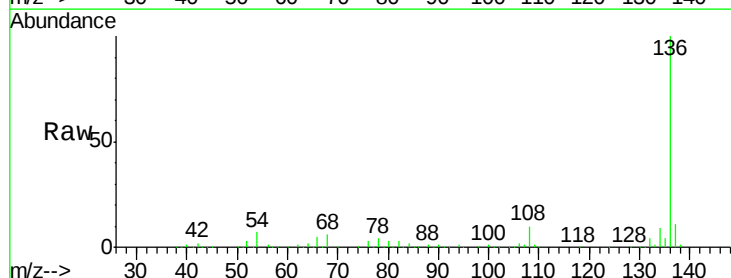
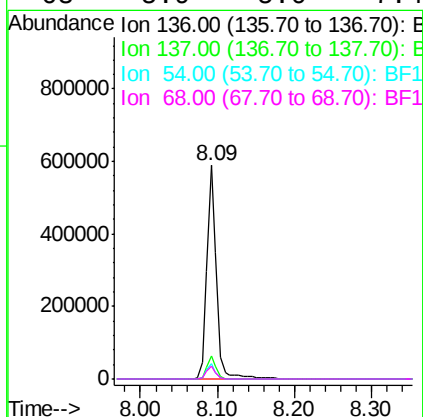
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Tgt Ion:	136	Resp:	509258
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4





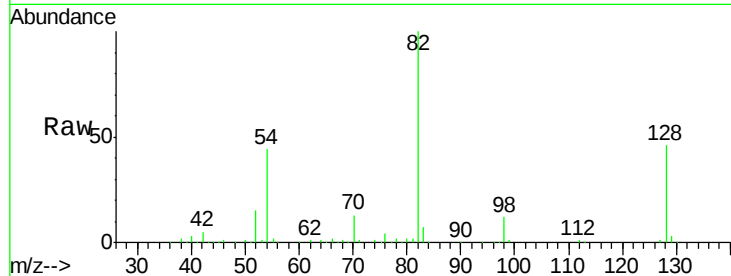
#23
 Nitrobenzene-d5
 Concen: 63.797 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104712.D
 Acq: 23 Apr 2018 16:27

Instrument :
 BNA_F
 ClientSampled :
 278

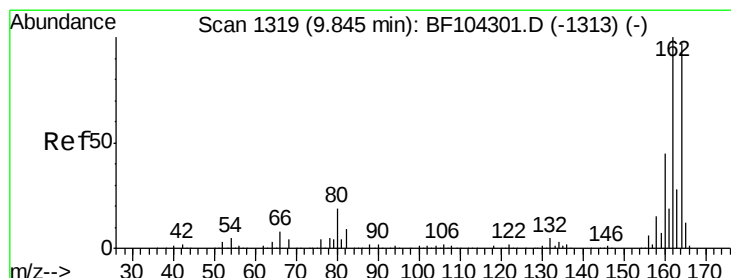
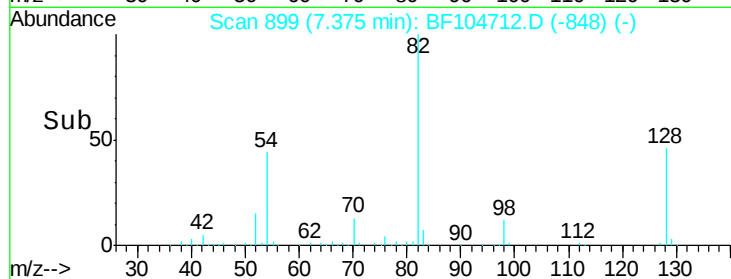
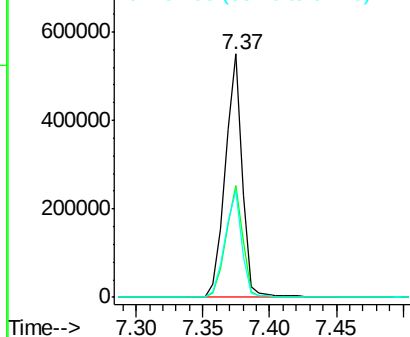
Tot Ion	Ratio	Resp	Lower	Upper
82	100	497548		
128	45.8	36.1	54.1	
54	43.9	41.4	62.2	

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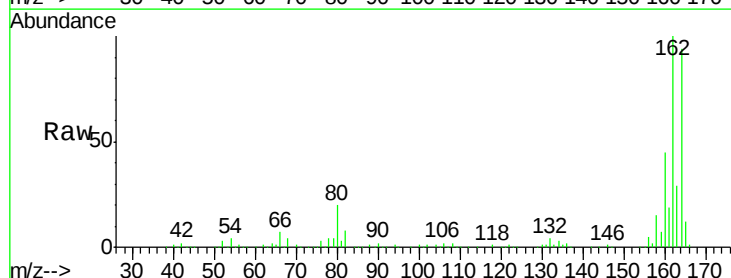


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

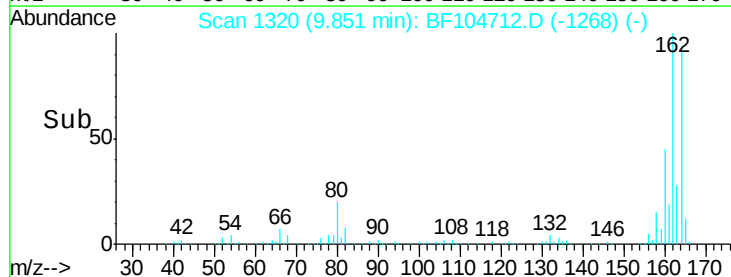
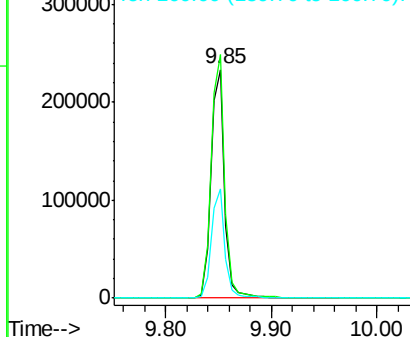


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104712.D
 Acq: 23 Apr 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	211005		
162	106.6	86.1	129.1	
160	48.0	38.3	57.5	



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 75.661 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Instrument :

BNA_F

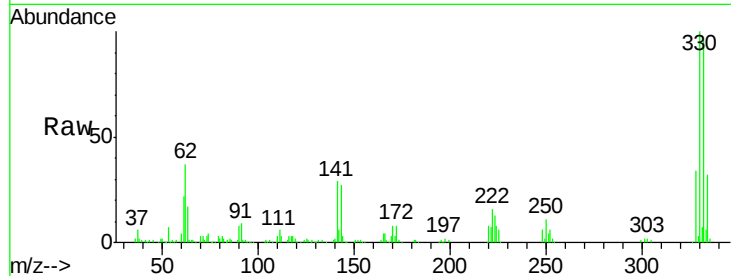
ClientSampled :

278

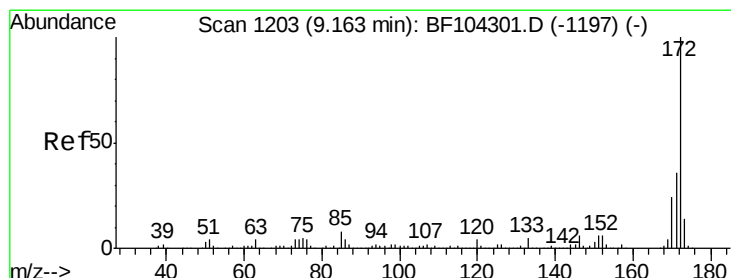
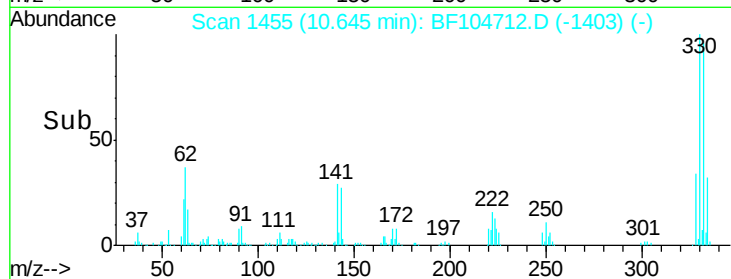
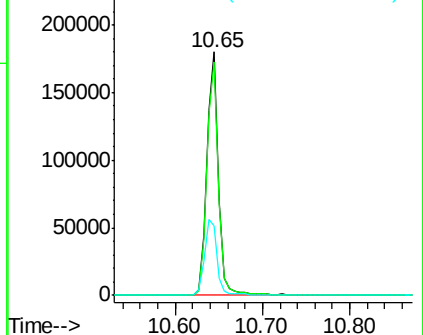
Tot Ion:	330	Resp:	165608
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	33.8	29.9	44.9

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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



#44

2-Fluorobiphenyl

Concen: 64.860 ng

RT: 9.17 min Scan# 1204

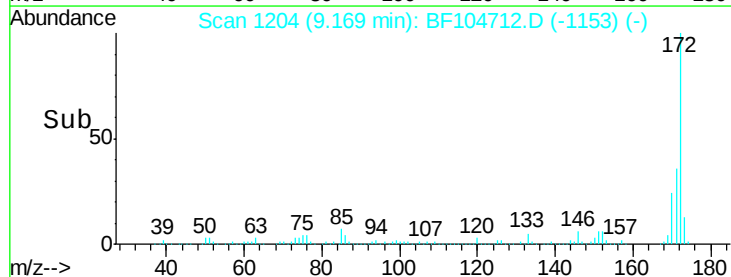
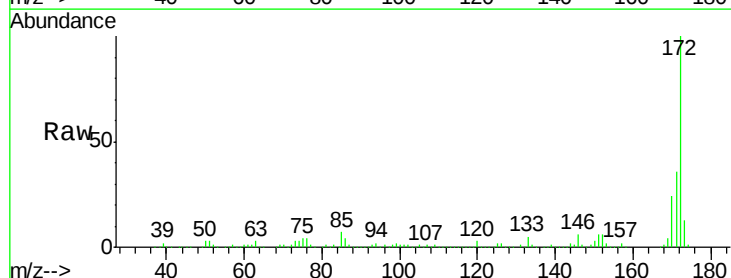
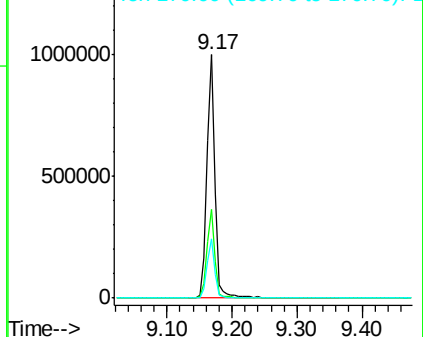
Delta R.T. -0.00 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Tgt Ion:	172	Resp:	866326
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

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





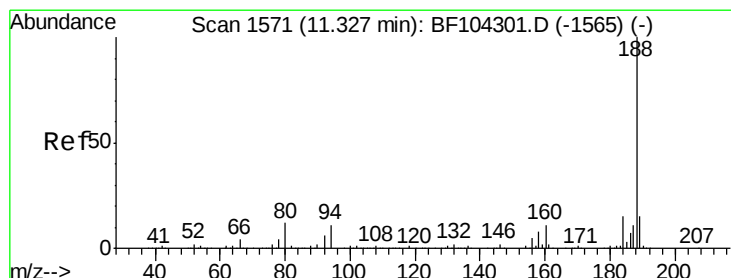
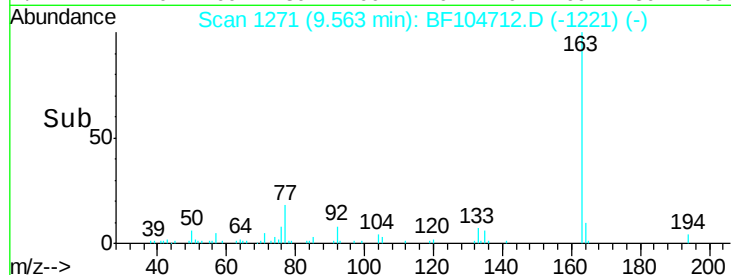
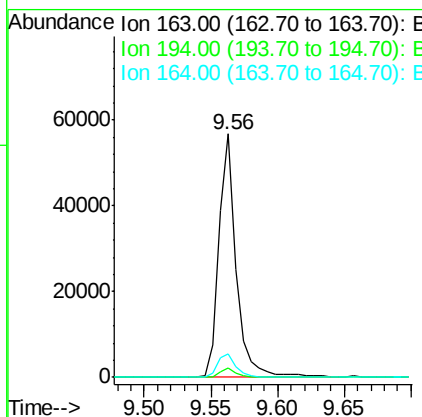
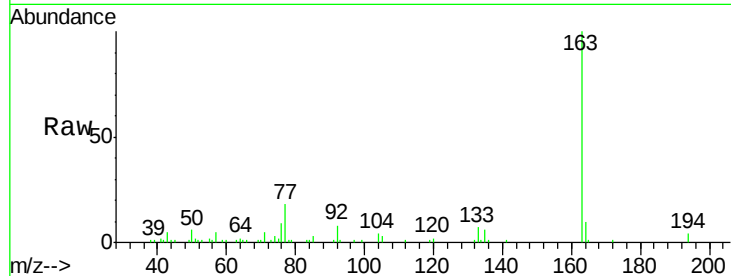
#49
Dimethylphthalate
Concen: 3.139 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :
278

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		52238		
194	3.7		2.7	4.1	
164	9.5		8.2	12.2	

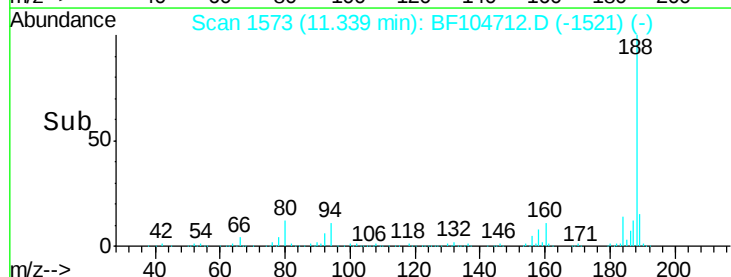
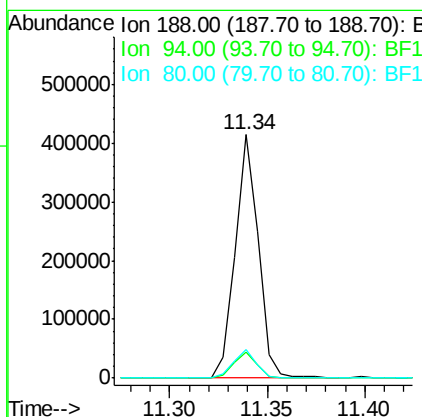
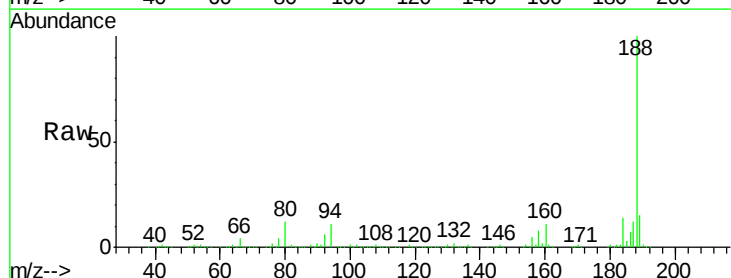
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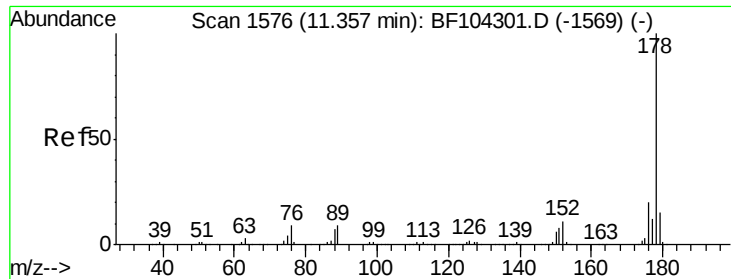
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		340684		
94	10.6		8.5	12.7	
80	11.9		9.2	13.8	





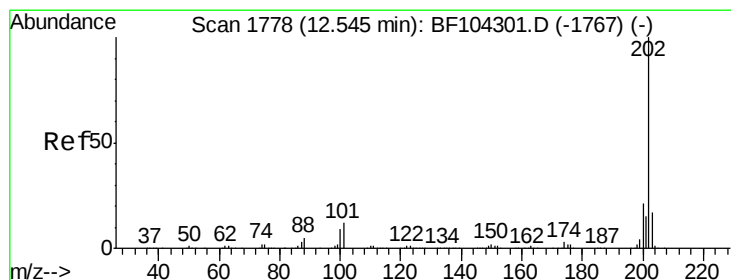
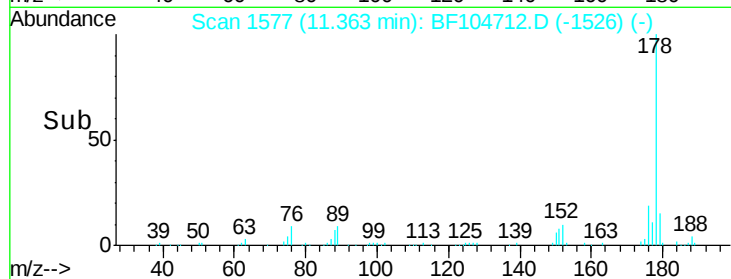
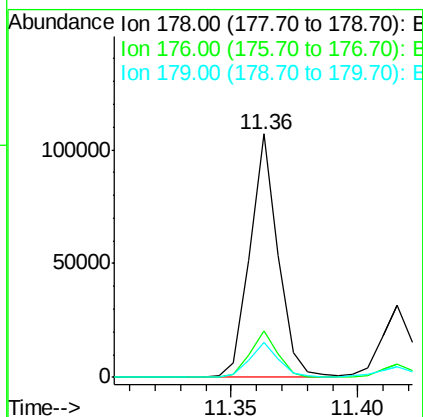
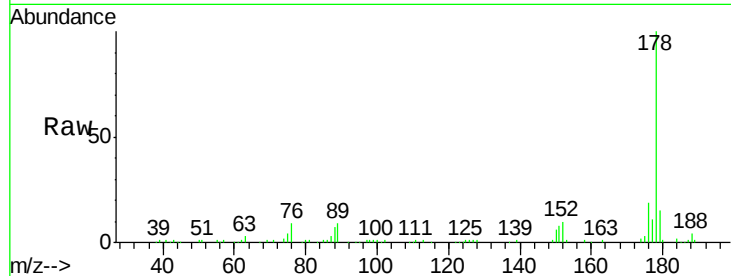
#70
Phenanthrene
Concen: 4.368 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :
278

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.6	13.0	19.6

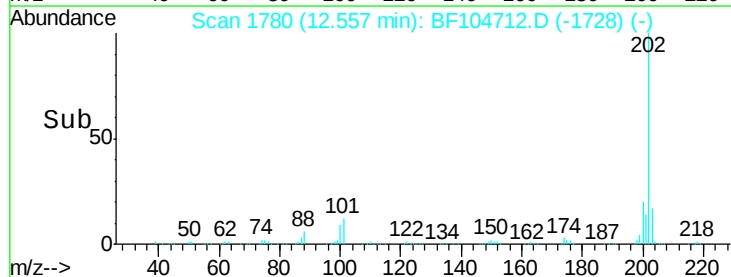
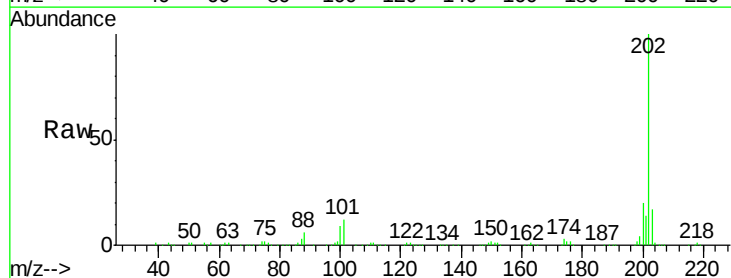
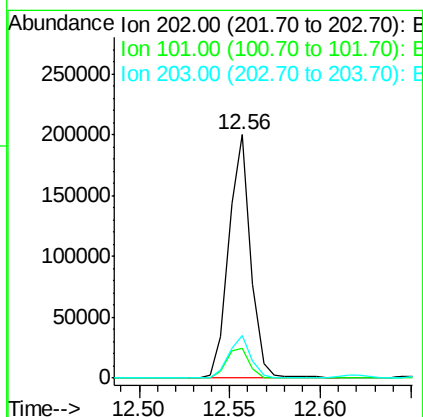
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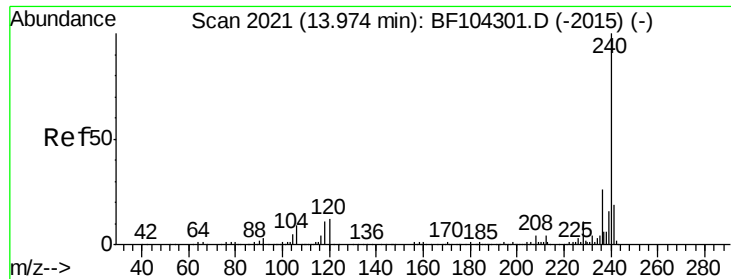
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#74
Fluoranthene
Concen: 8.526 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Instrument :

BNA_F

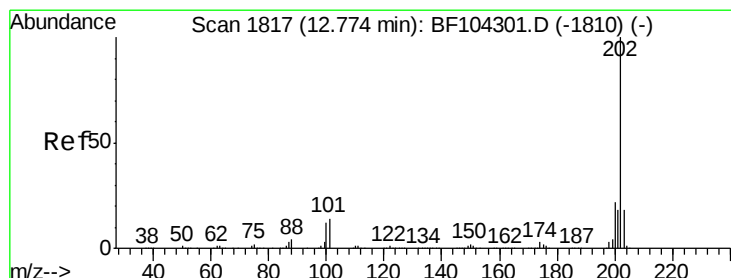
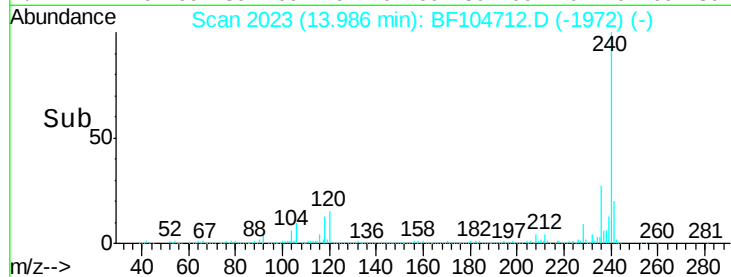
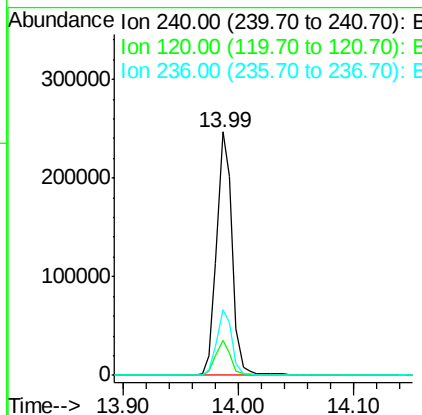
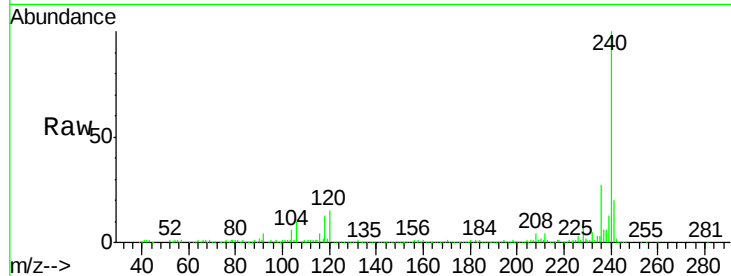
ClientSampled :

278

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3
236	27.1	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 8.342 ng

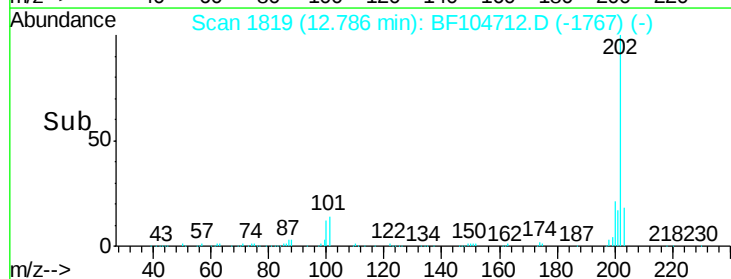
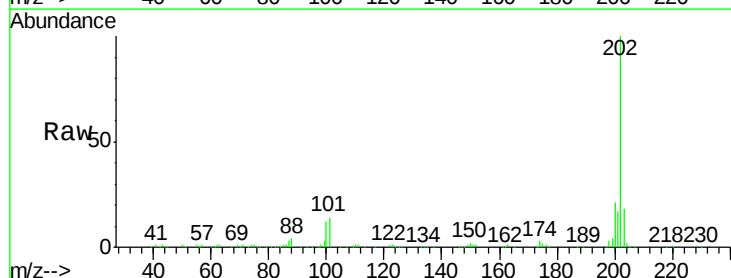
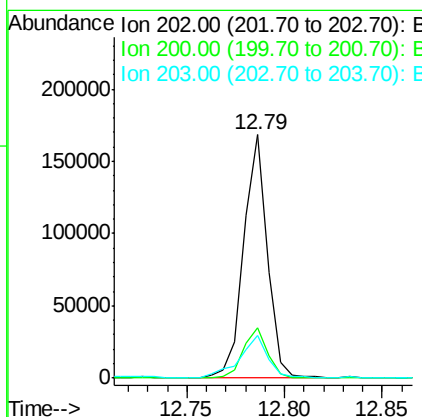
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.7	14.3	21.5





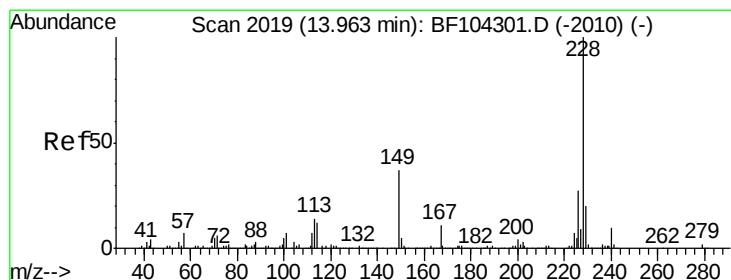
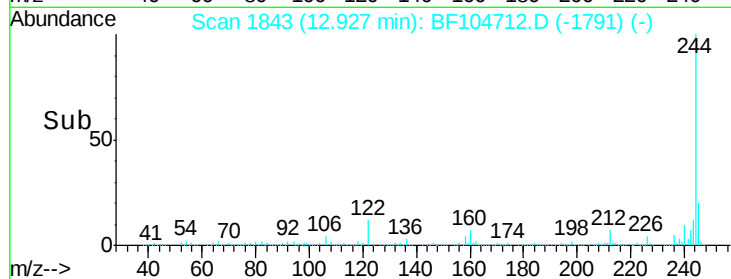
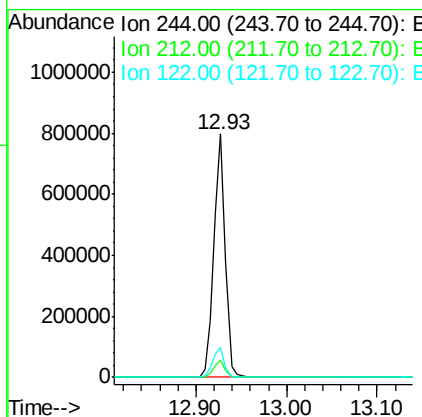
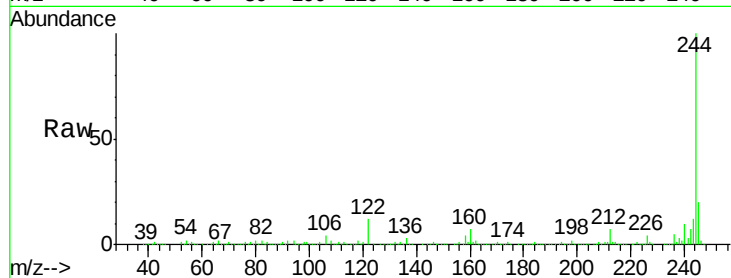
#78
 Terphenyl-d14
 Concen: 69.362 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104712.D
 Acq: 23 Apr 2018 16:27

Instrument :
 BNA_F
 ClientSampled :
 278

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

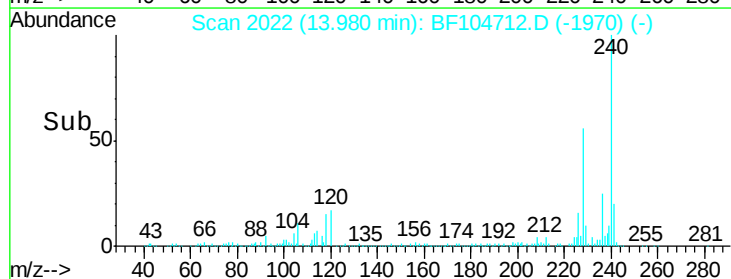
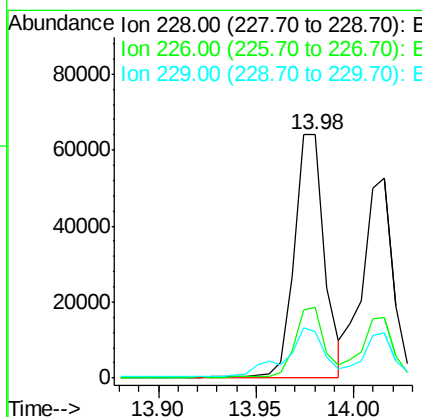
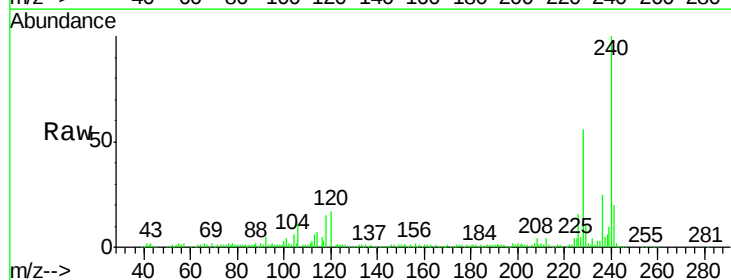
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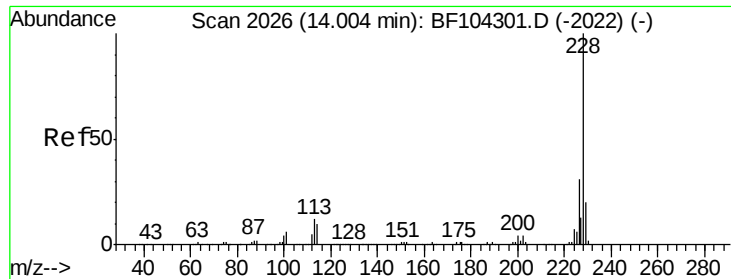
Sohil
 4/24/2018 3:48:42 PM



#80
 Benzo(a)anthracene
 Concen: 5.035 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF104712.D
 Acq: 23 Apr 2018 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	18.9	15.8	23.6





#82

Chrysene

Concen: 4.156 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Instrument :

BNA_F

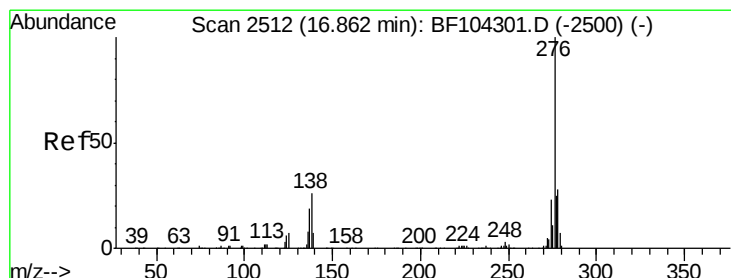
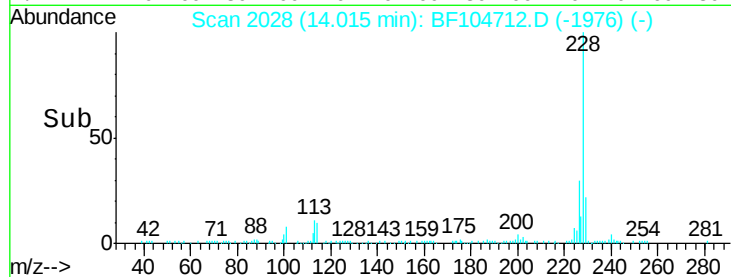
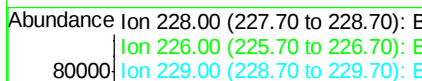
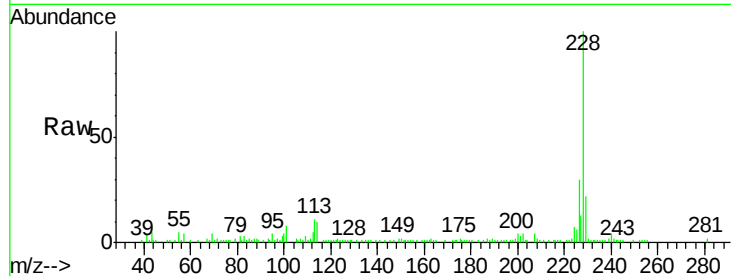
ClientSampled :

278

Tot Ion:	228	Resp:	58873
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	22.4	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.138 ng

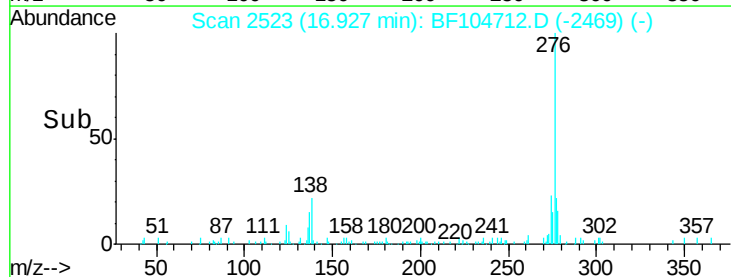
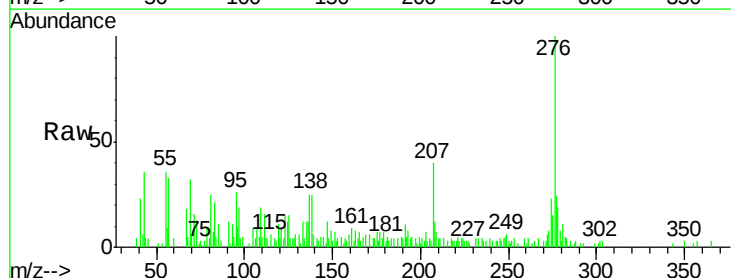
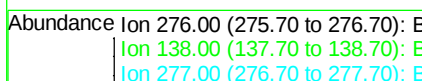
RT: 16.93 min Scan# 2523

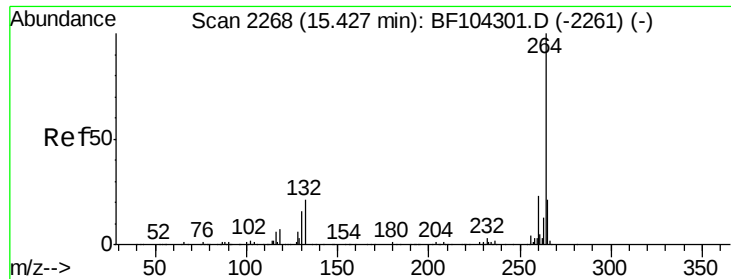
Delta R.T. 0.02 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Tgt Ion:	276	Resp:	25724
Ion Ratio	Lower	Upper	
276	100		
138	25.0	25.0	37.6#
277	23.7	20.1	30.1





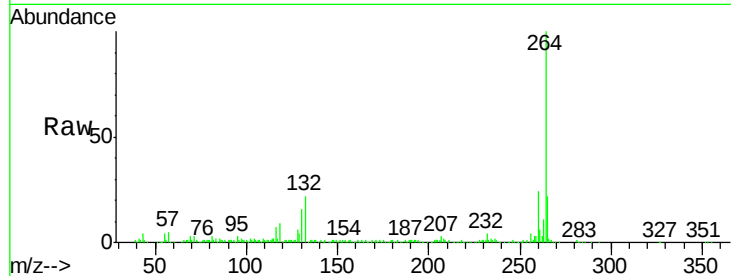
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Instrument :
BNA_F
ClientSampled :
278

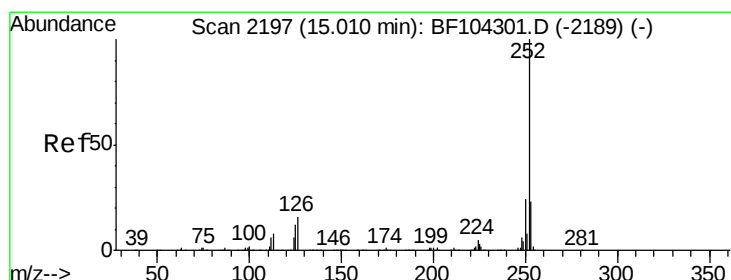
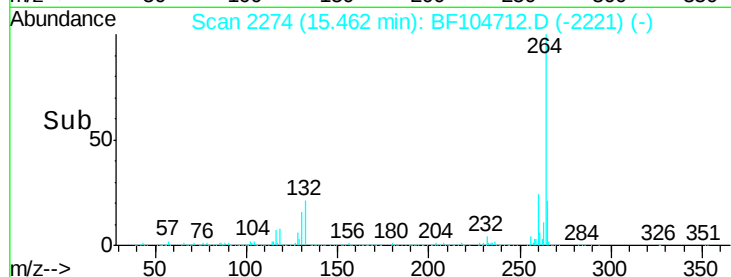
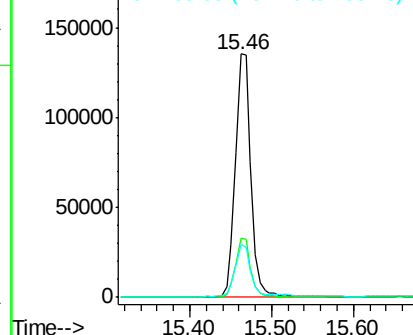
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

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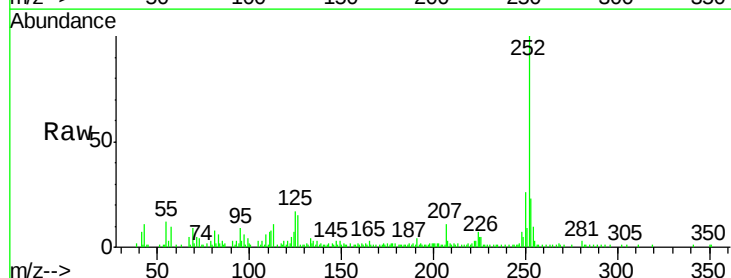


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

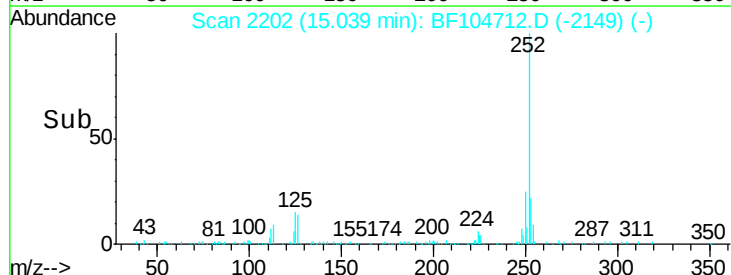
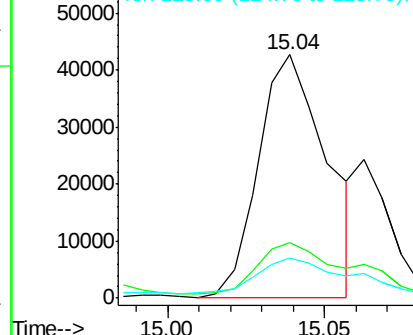


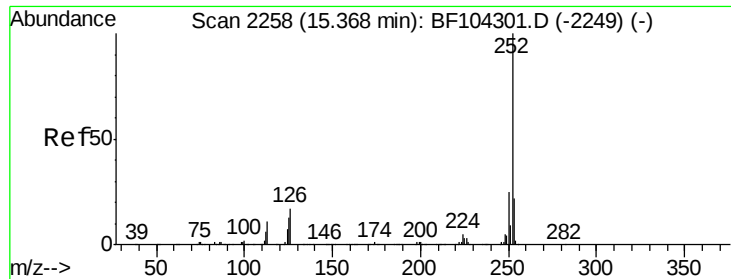
#87
Benzo(b)fluoranthene
Concen: 5.595 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104712.D
Acq: 23 Apr 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	16.6	9.0	13.6



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





#89

Benzo(a)pyrene

Concen: 4.275 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Instrument :

BNA_F

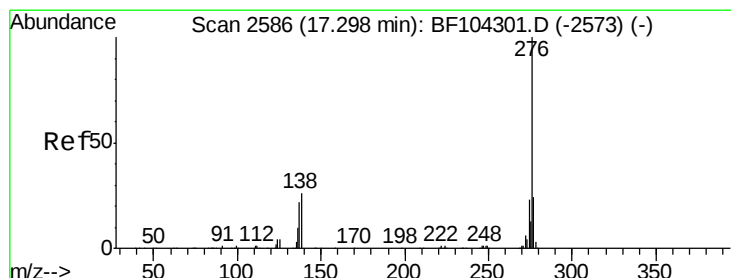
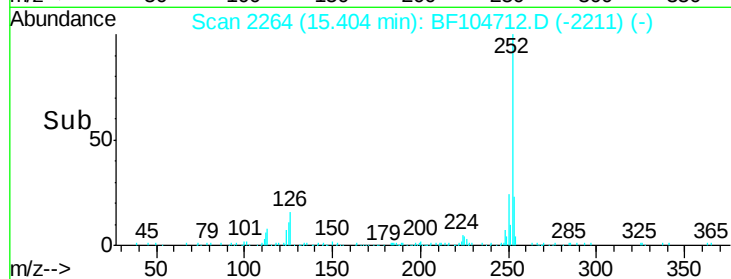
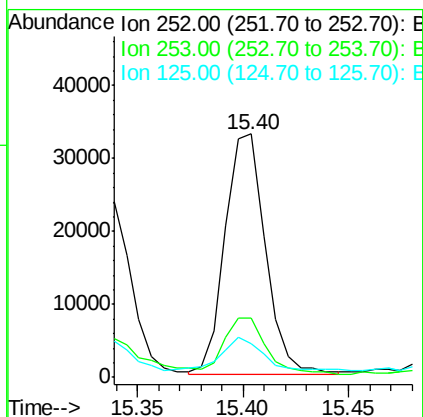
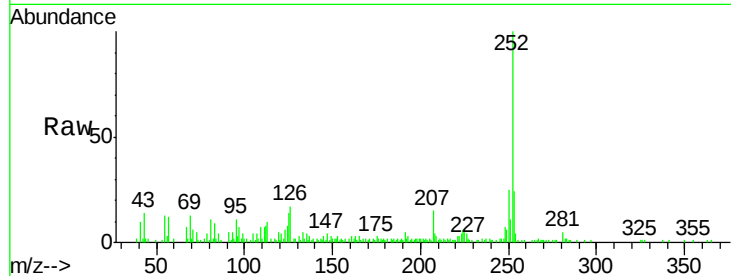
ClientSampled :

278

Tot Ion:	252	Resp:	43881
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	14.0	9.8	14.6

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.985 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF104712.D

Acq: 23 Apr 2018 16:27

Tgt Ion:	276	Resp:	24383
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	24.3	21.8	32.8

