

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099928.D
 Acq On : 28 Oct 2017 20:18
 Operator : SJ/JU
 Sample : I6167-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP2C

Manual Integrations
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Sohil
 10/30/2017 6:20:36 PM

Quant Time: Oct 30 04:26:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100826	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	412233	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	178525	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	261153	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	178099	20.00	ng	-0.02
86) Perylene-d12	15.43	264	181177	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	503788	78.45	ng	0.00
7) Phenol-d6	6.43	99	612514	80.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	353130	55.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	101548	62.42	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	502734	43.45	ng	-0.02
78) Terphenyl-d14	12.90	244	306936	37.66	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	16999	2.033	ng	Qvalue 82
49) Dimethylphthalate	9.54	163	124029	8.773	ng	99
70) Phenanthrene	11.34	178	112759	7.651	ng	97
74) Fluoranthene	12.53	202	128748	8.406	ng	98
77) Pyrene	12.76	202	116539	8.605	ng	99
80) Benzo(a)anthracene	13.96	228	73783	6.535	ng	97
82) Chrysene	13.99	228	65201	6.143	ng	97
85) Indeno(1,2,3-cd)pyrene	16.91	276	40537	4.160	ng	95
87) Benzo(b)fluoranthene	15.01	252	92997m	8.129	ng	
88) Benzo(k)fluoranthene	15.03	252	36808m	3.412	ng	
89) Benzo(a)pyrene	15.37	252	65045	6.329	ng	# 89
91) Benzo(a,h,i)perylene	17.36	276	38422	4.301	ng	# 90

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

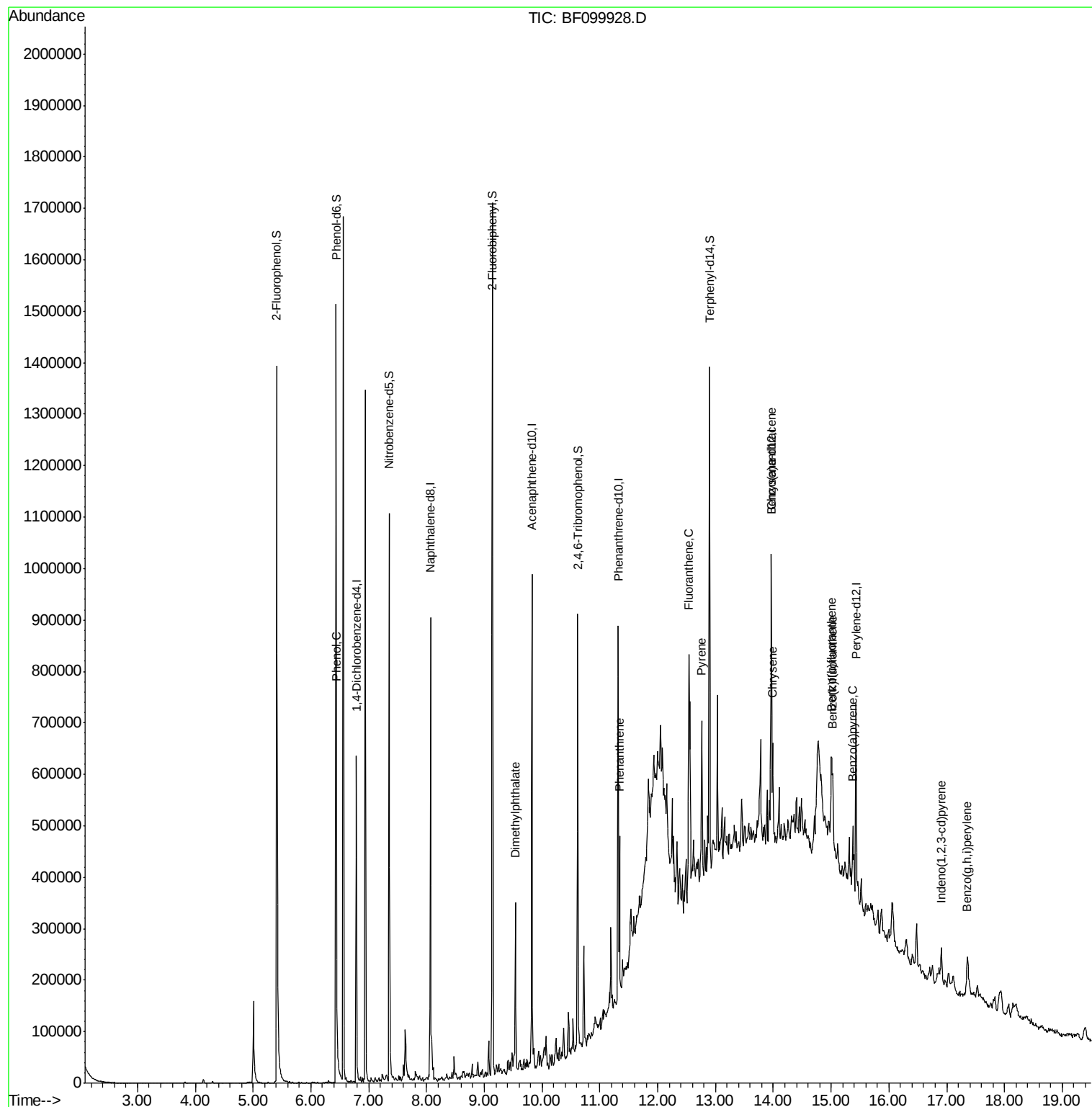
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
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#1

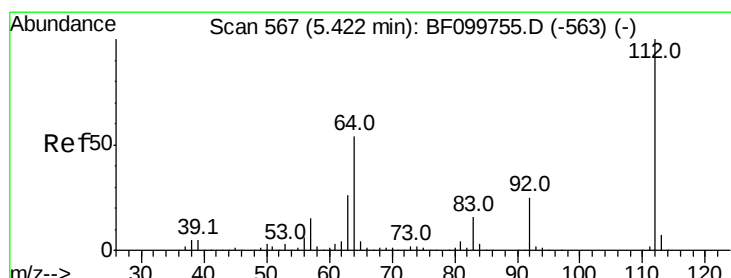
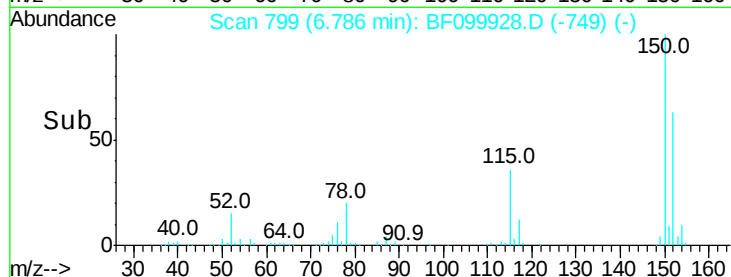
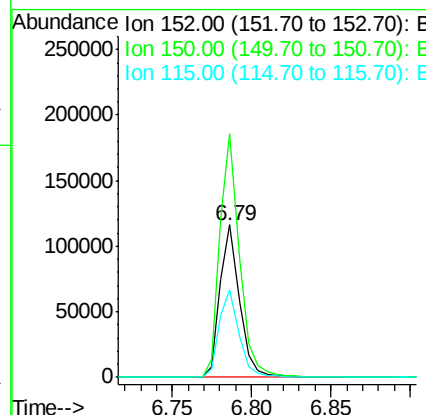
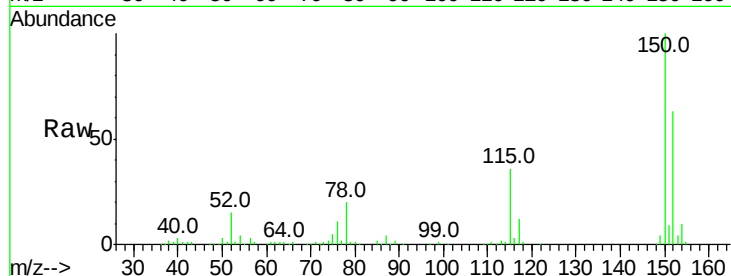
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Instrument :
BNA_F
ClientSampled :
S13-SP2C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	57.4	50.1	75.1

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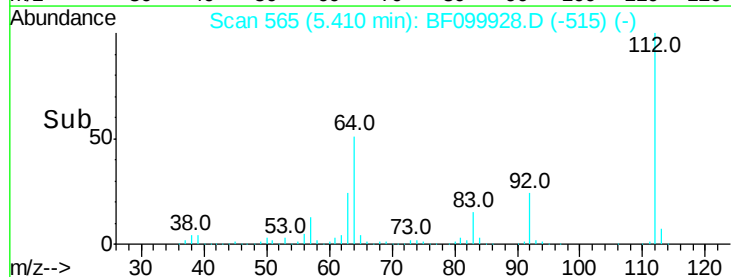
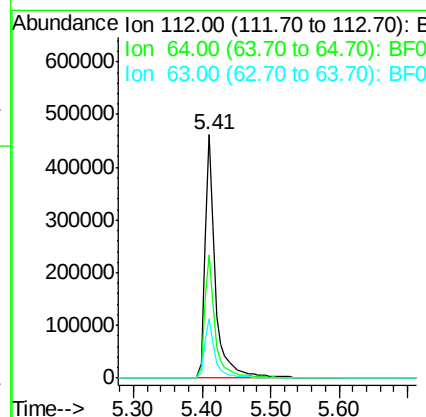
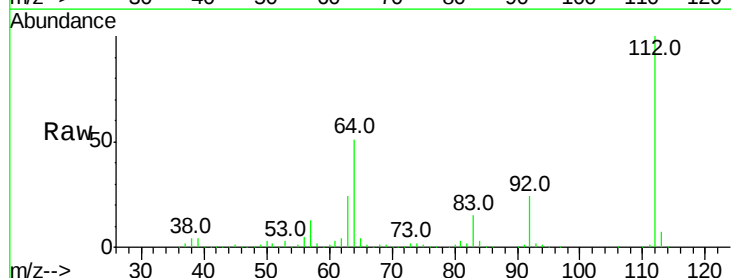
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#5

2-Fluorophenol
Concen: 78.445 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	24.3	23.7	35.5





#7

Phenol-d6

Concen: 80.436 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Instrument :

BNA_F

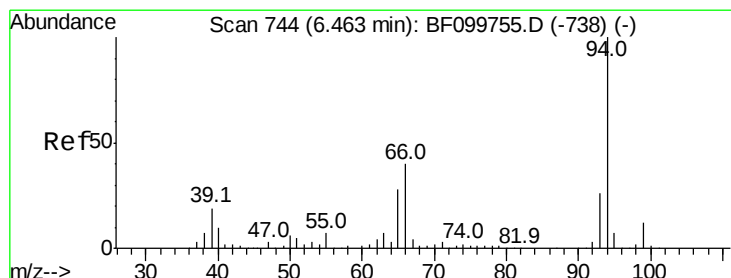
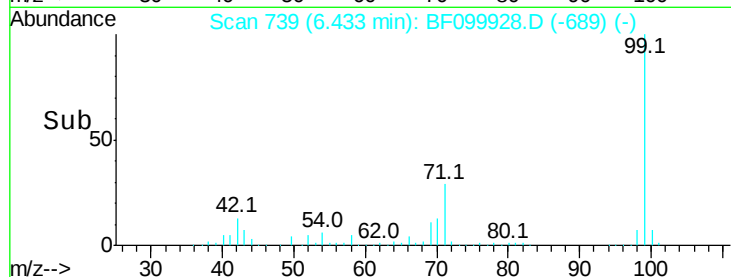
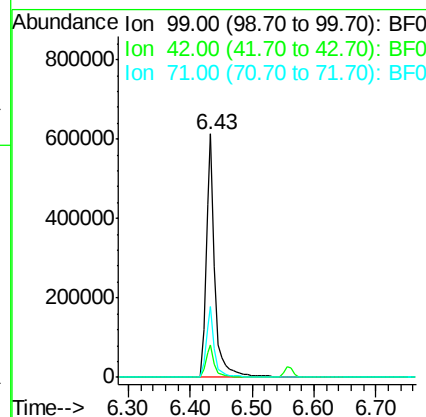
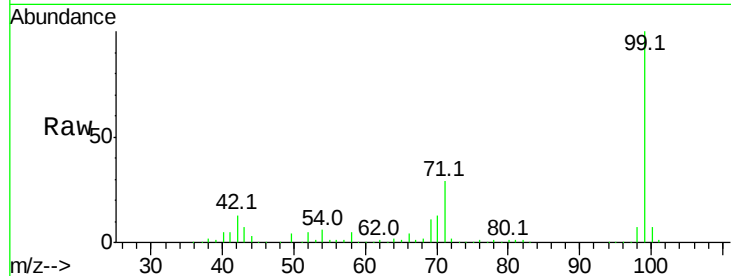
ClientSampled :

S13-SP2C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		612514		
42	13.5	14.5	21.7#		
71	29.0	25.4	38.0		

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#10

Phenol

Concen: 2.033 ng

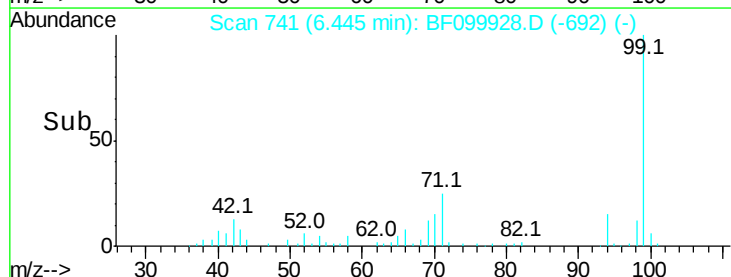
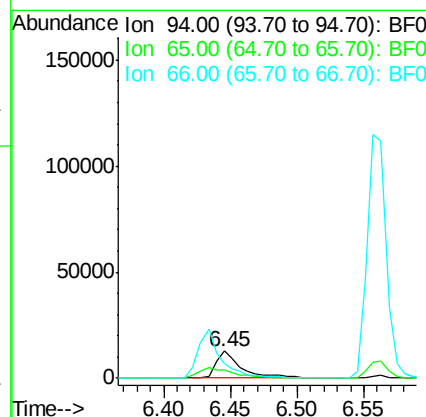
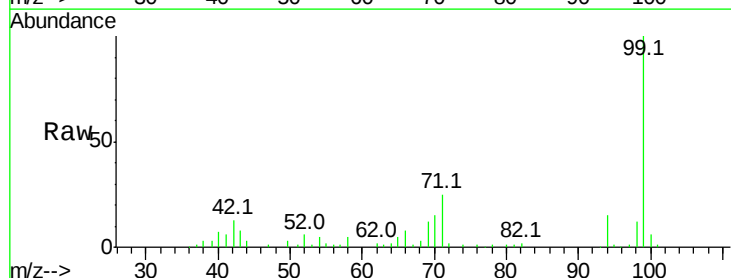
RT: 6.45 min Scan# 741

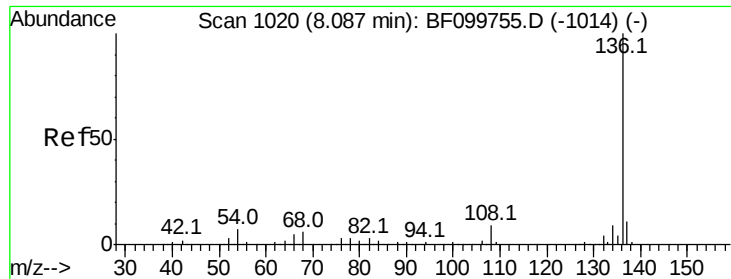
Delta R.T. -0.01 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		16999		
65	31.1	7.9	47.9		
66	52.5	16.2	56.2		





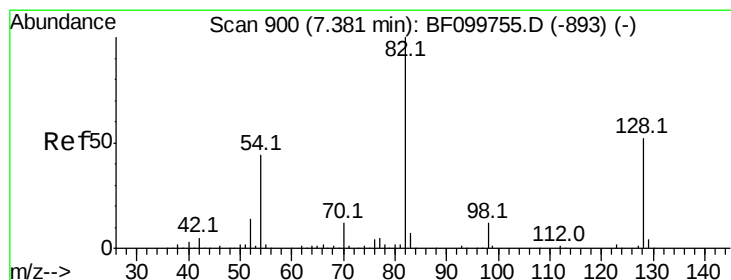
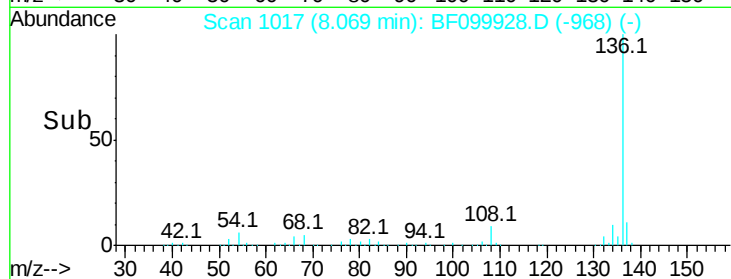
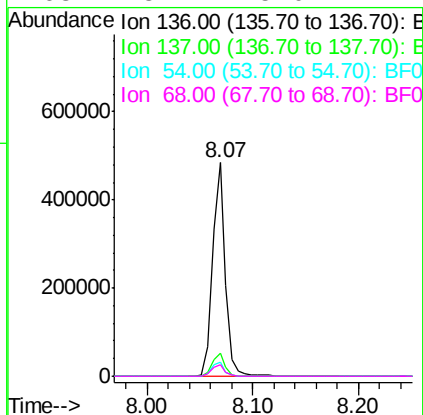
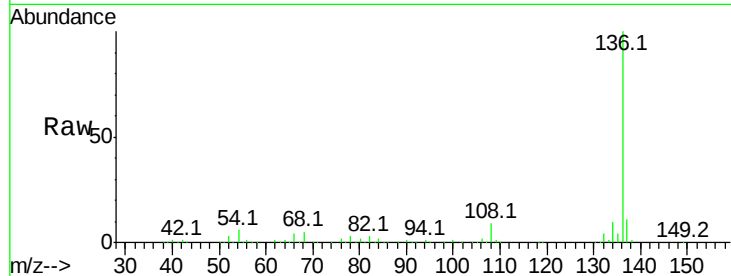
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Instrument :
BNA_F
ClientSampleId :
S13-SP2C

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.4	6.6	9.8	
68	5.4	5.0	7.4	

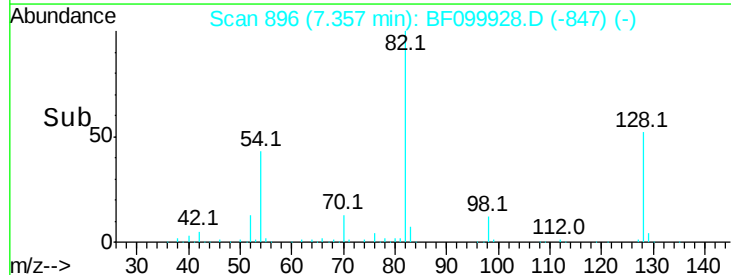
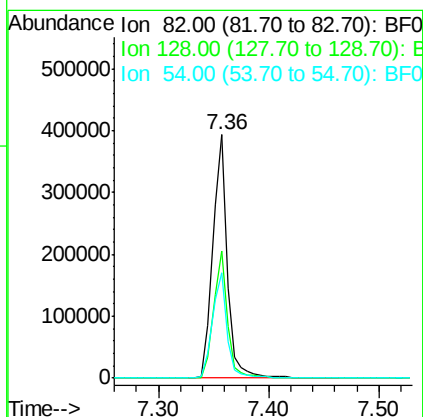
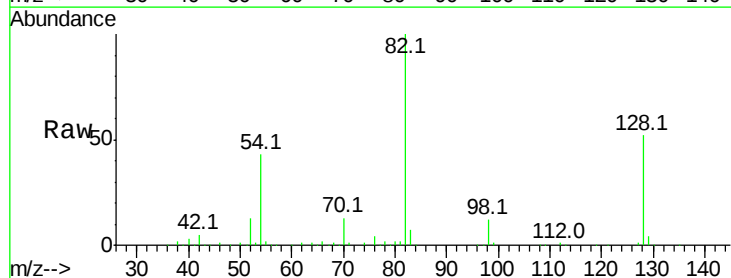
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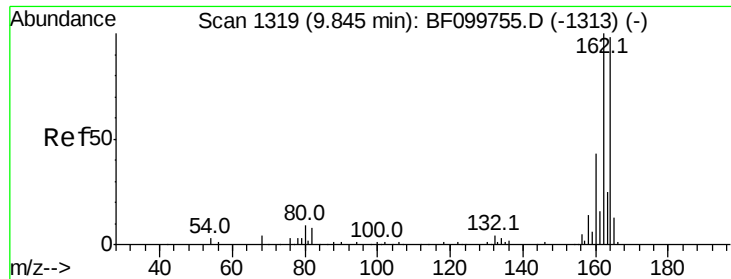
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#23
Nitrobenzene-d5
Concen: 55.150 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.2	36.1	54.1	
54	43.0	41.4	62.2	





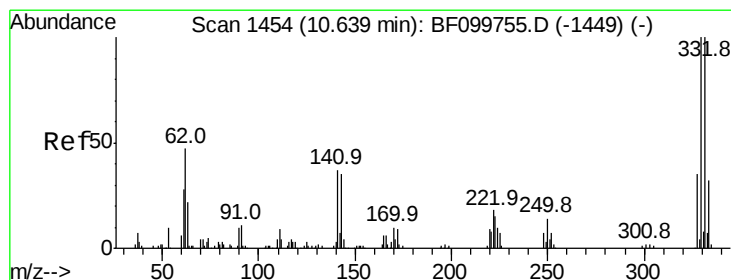
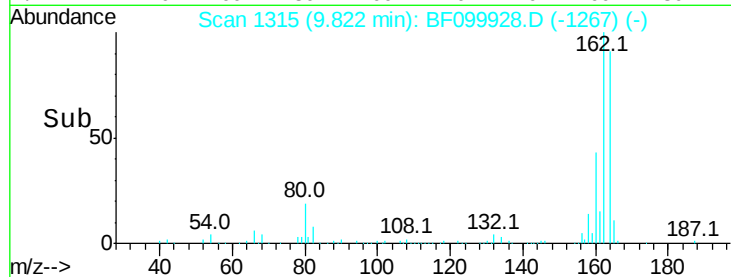
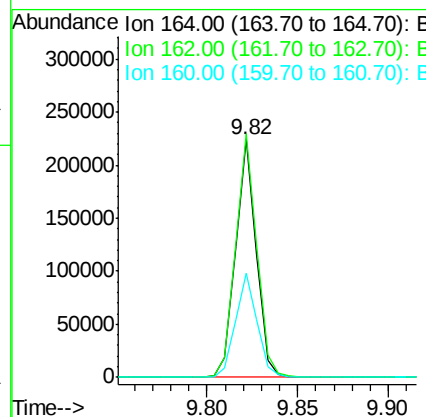
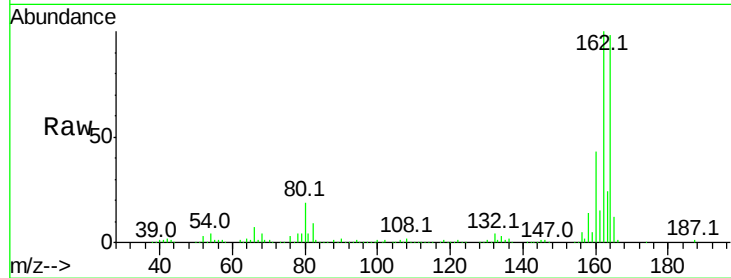
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099928.D
 Acq: 28 Oct 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP2C

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	86.1	129.1	
160	43.9	38.3	57.5	

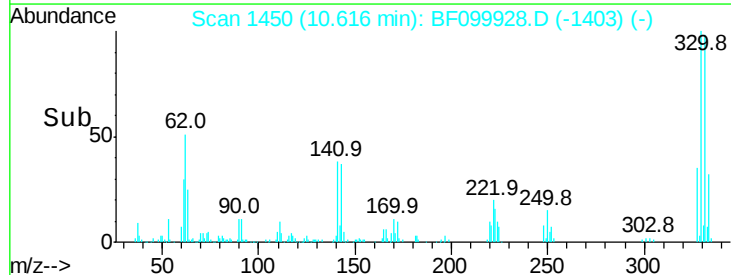
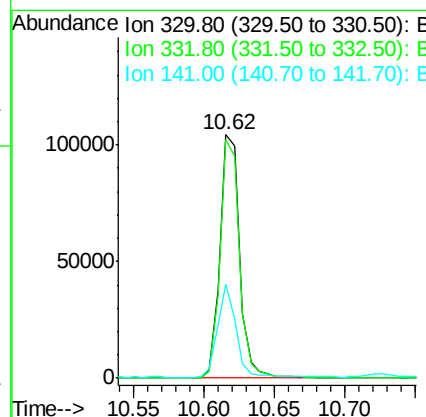
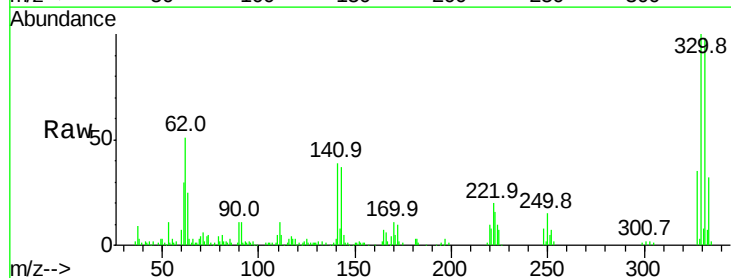
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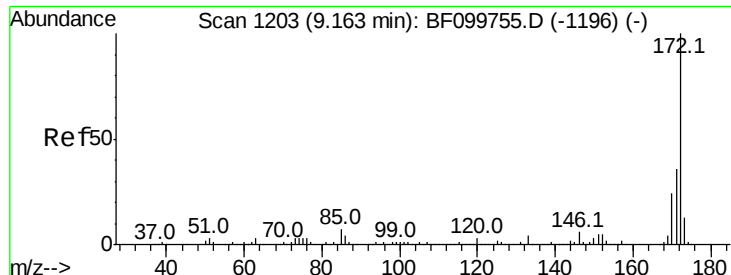
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#41
 2,4,6-Tribromophenol
 Concen: 62.417 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF099928.D
 Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	35.8	29.9	44.9	





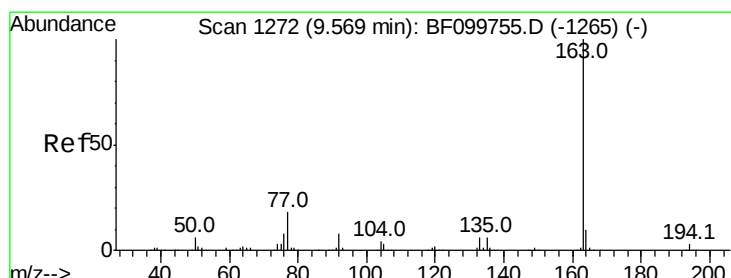
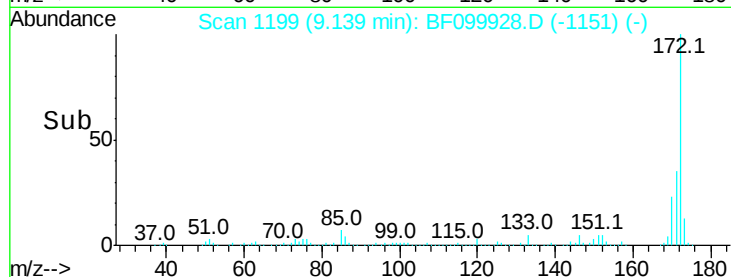
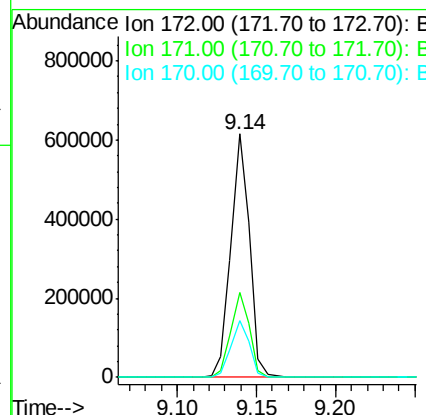
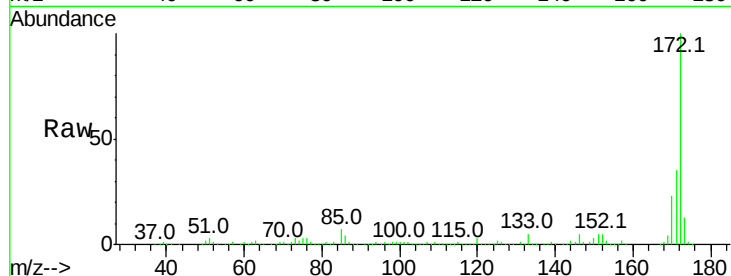
#44
 2-Fluorobiphenyl
 Concen: 43.447 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099928.D
 Acq: 28 Oct 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP2C

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.2	19.6	29.4

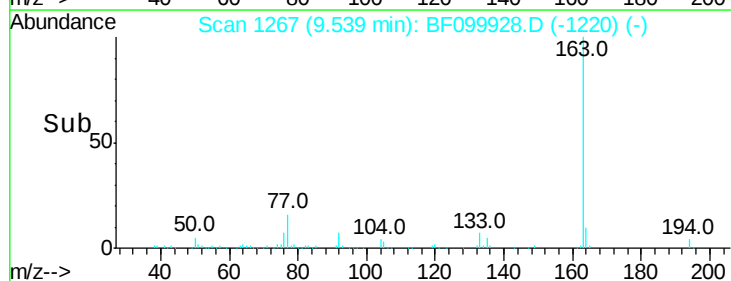
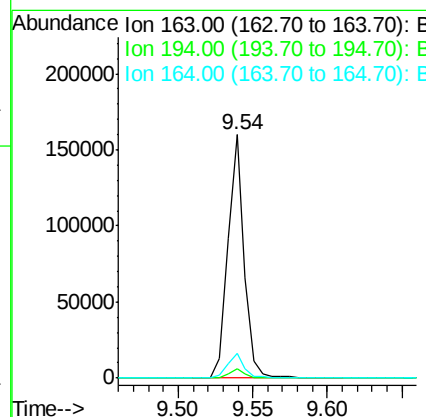
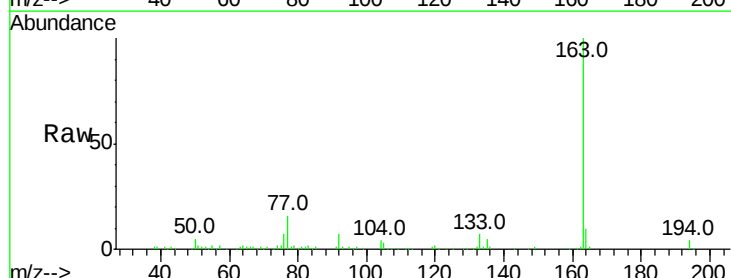
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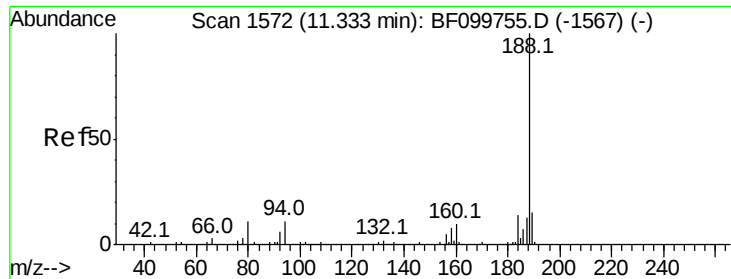
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#49
 Dimethylphthalate
 Concen: 8.773 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099928.D
 Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Instrument :

BNA_F

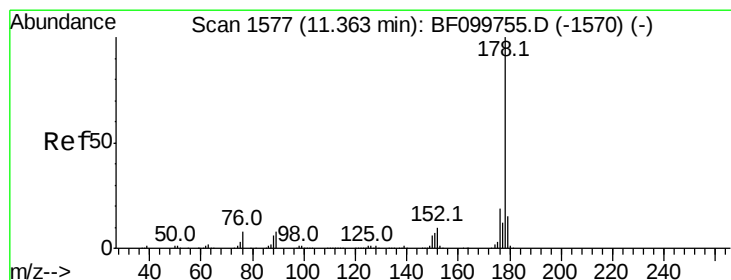
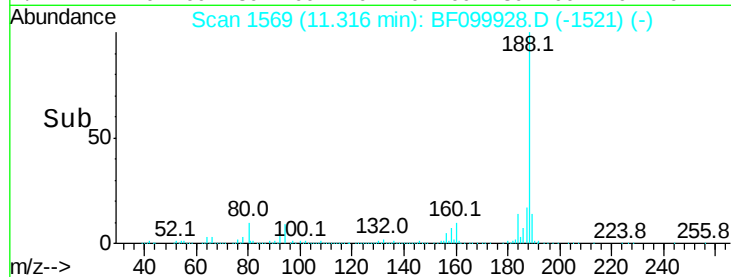
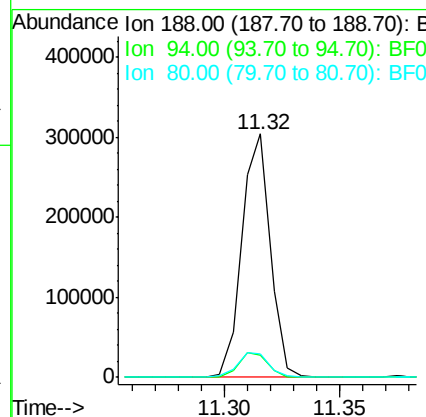
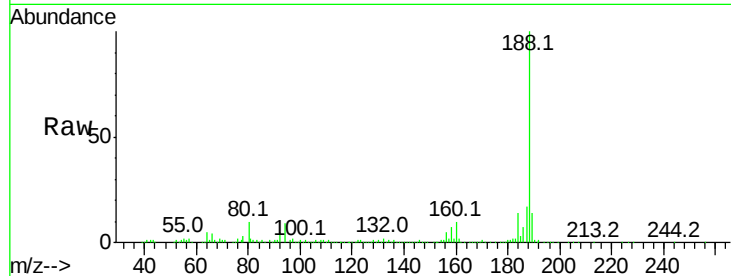
ClientSampleId :

S13-SP2C

Tot Ion:	188	Resp:	261153
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8

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#70

Phenanthrene

Concen: 7.651 ng

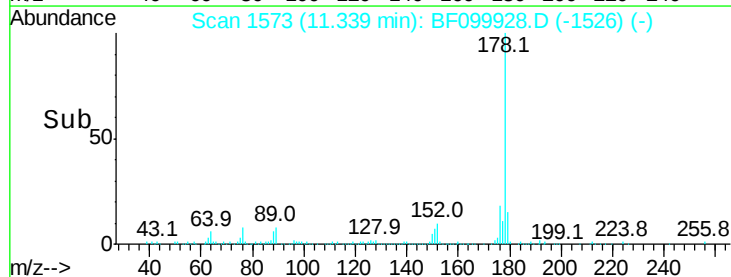
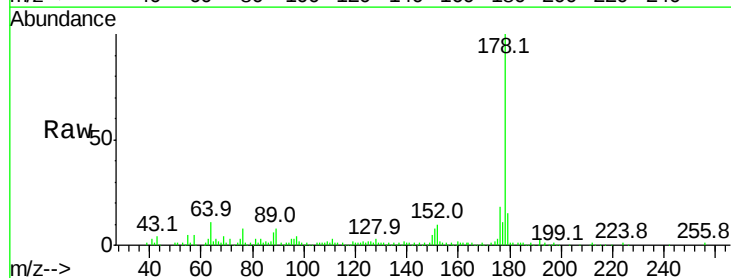
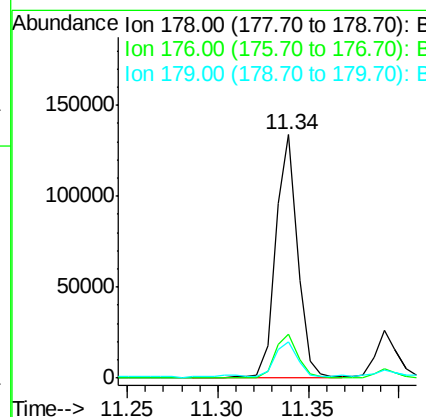
RT: 11.34 min Scan# 1573

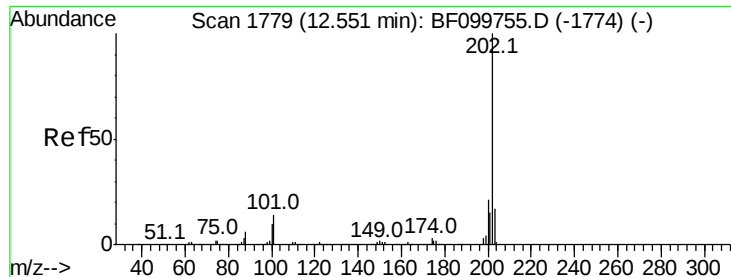
Delta R.T. -0.02 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Tgt Ion:	178	Resp:	112759
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.8	23.8
179	15.1	13.0	19.6





#74

Fluoranthene

Concen: 8.406 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Instrument :

BNA_F

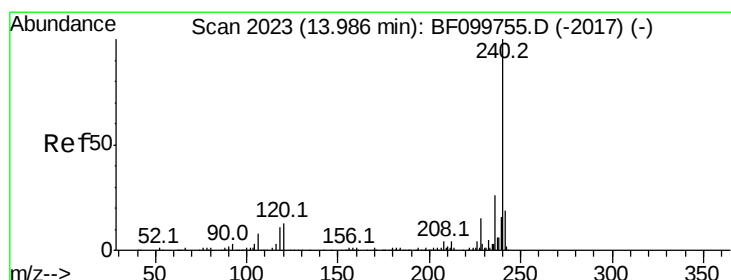
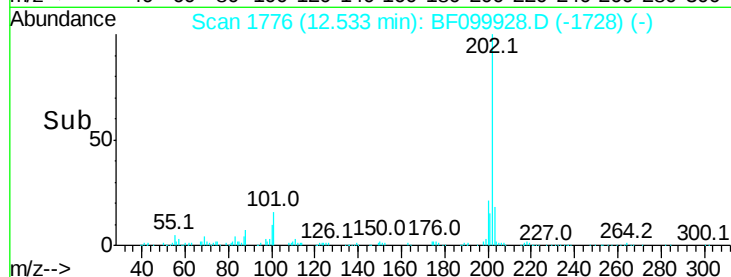
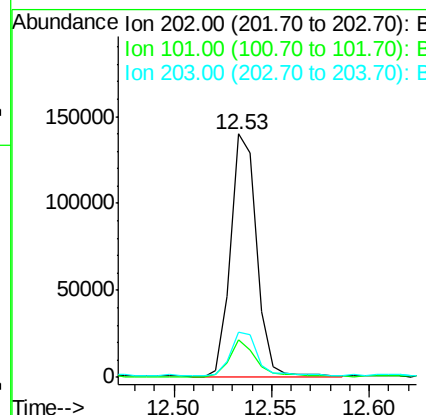
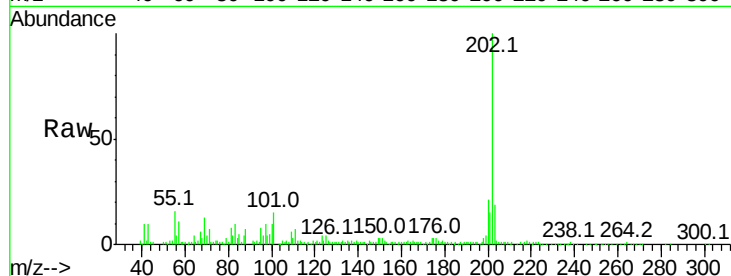
ClientSampleId :

S13-SP2C

Tot Ion:	202	Resp:	128748
Ion Ratio	Lower	Upper	
202	100		
101	15.5	0.0	34.1
203	18.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

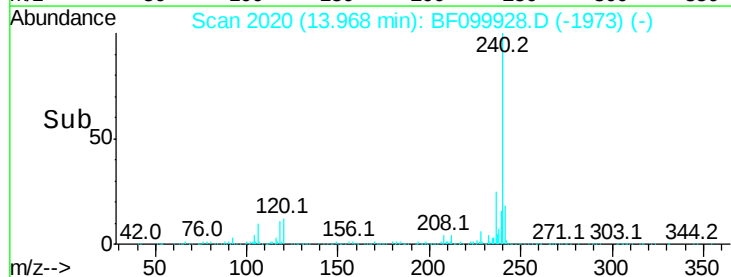
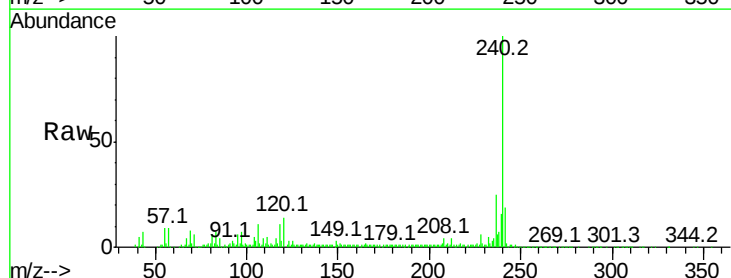
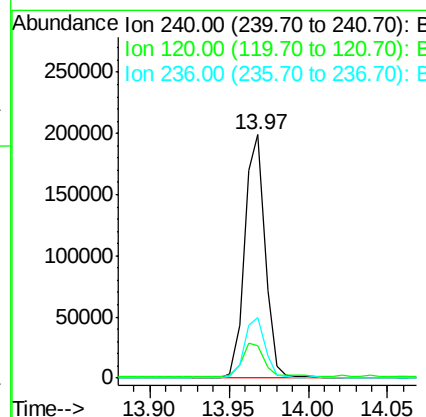
RT: 13.97 min Scan# 2020

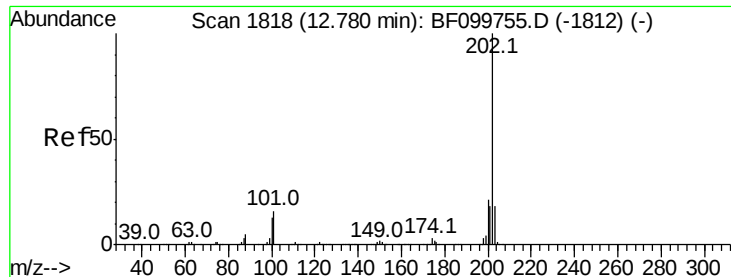
Delta R.T. -0.02 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Tgt Ion:	240	Resp:	178099
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	24.9	20.7	31.1





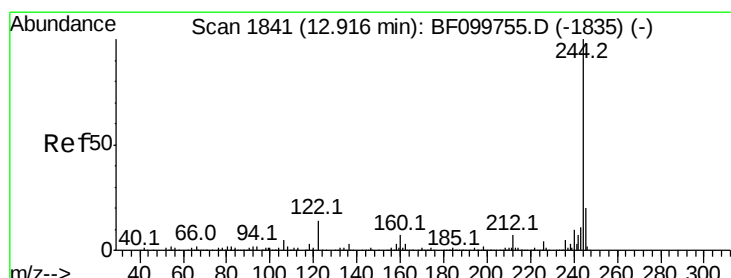
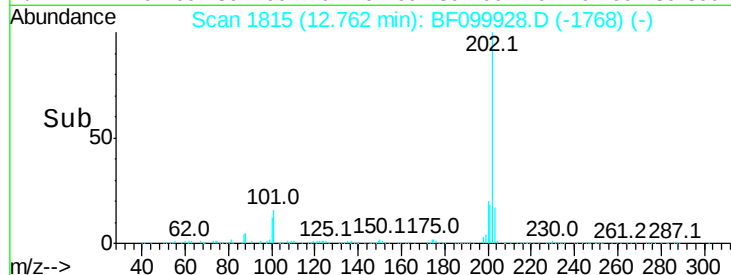
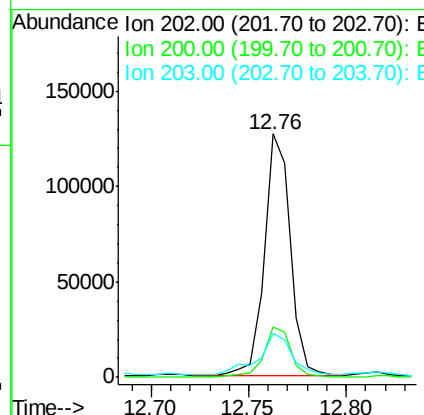
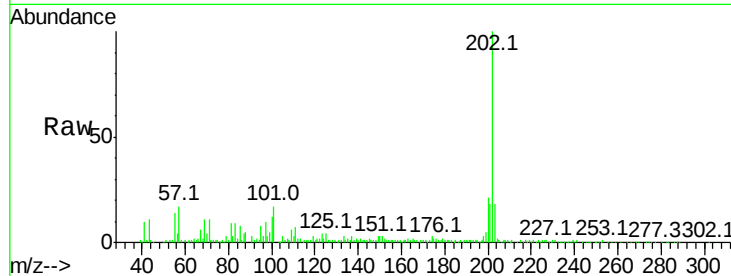
#77
Pvrene
Concen: 8.605 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Instrument :
BNA_F
ClientSampleId :
S13-SP2C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.0	14.3	21.5

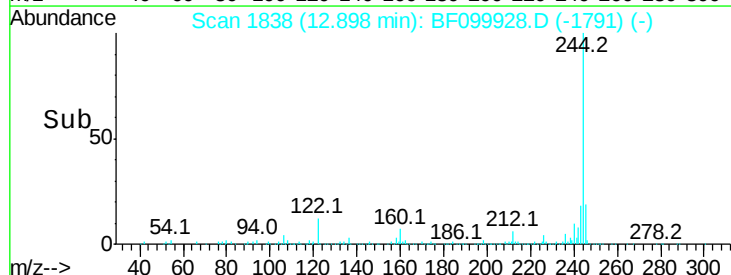
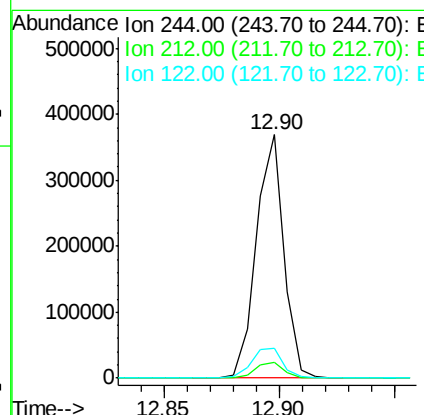
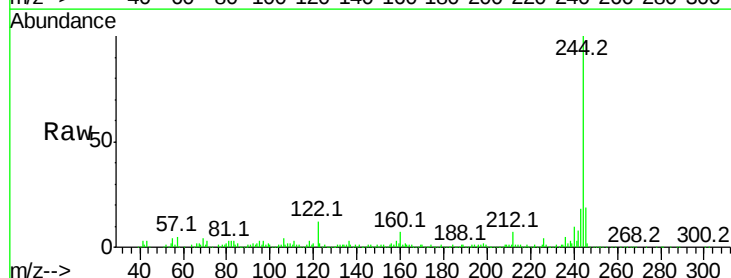
Manual Integrations
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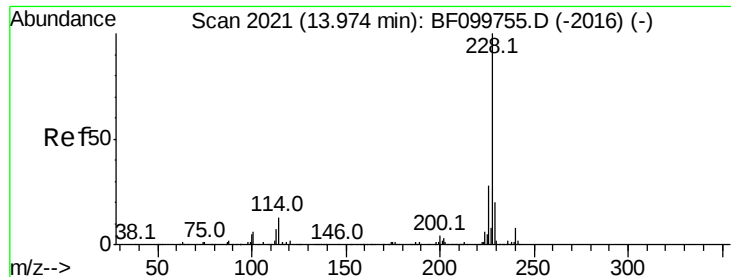
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#78
Terphenyl-d14
Concen: 37.663 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.3	11.0	16.4





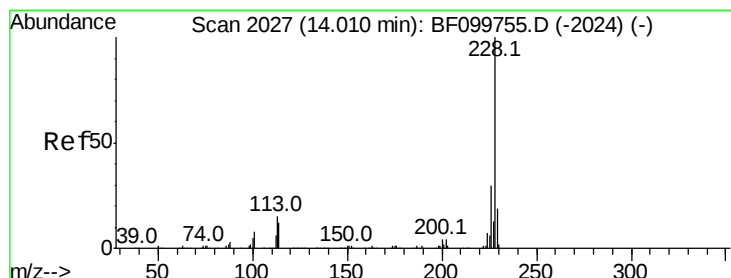
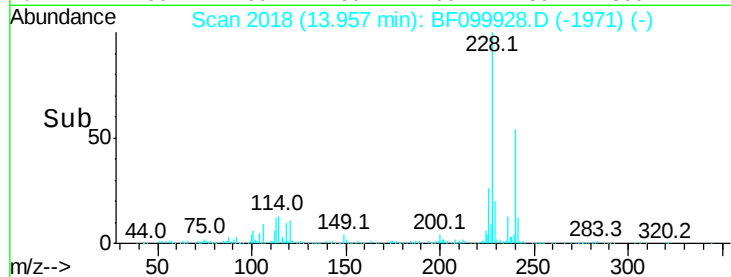
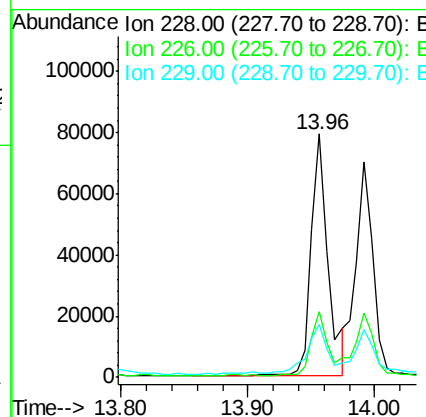
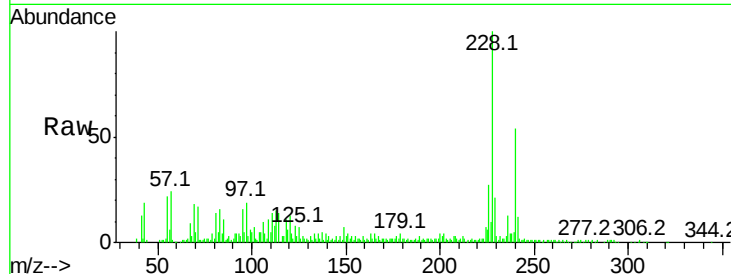
#80
Benzo(a)anthracene
Concen: 6.535 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Instrument :
BNA_F
ClientSampled :
S13-SP2C

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	21.5	15.8	23.6

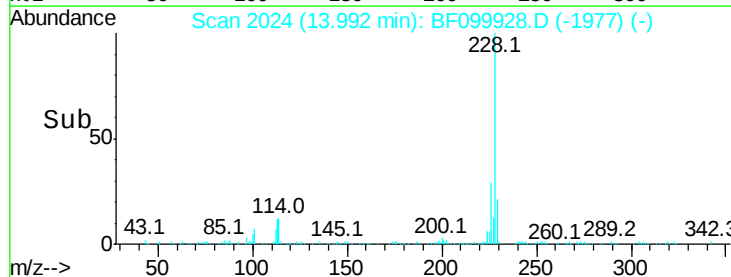
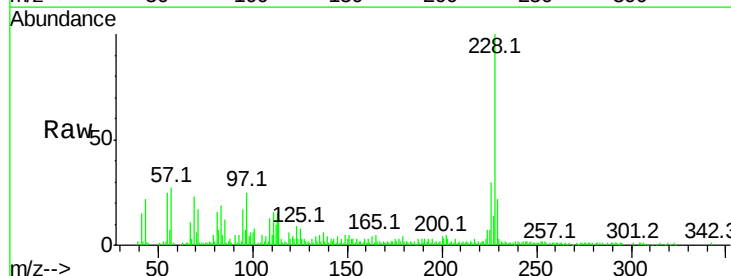
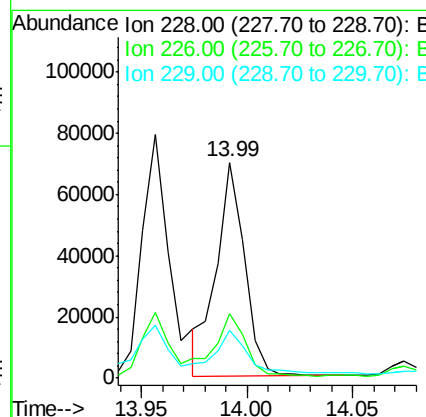
Manual Integrations
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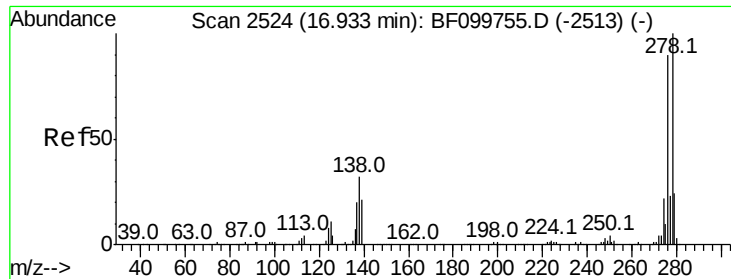
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#82
Chrysene
Concen: 6.143 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.3	16.2	24.4





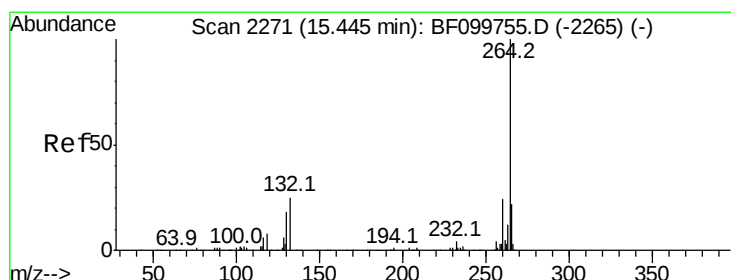
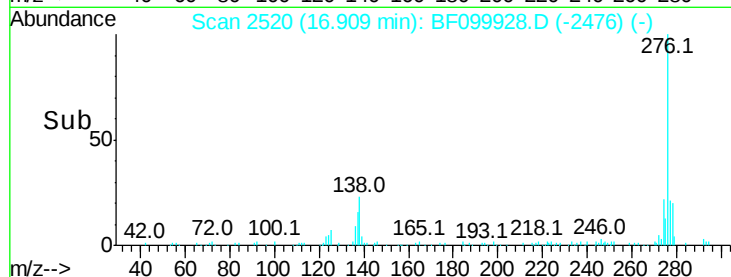
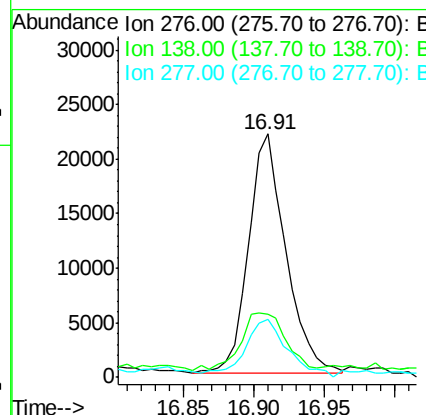
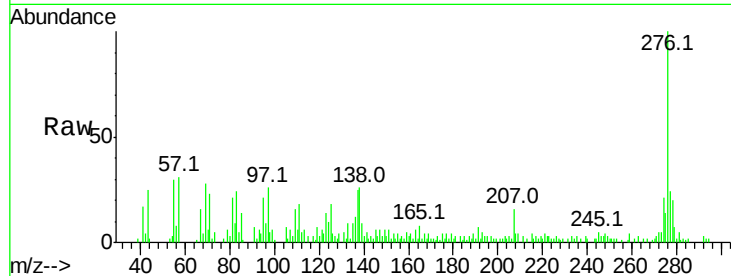
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.160 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.04 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Instrument :
BNA_F
ClientSampleId :
S13-SP2C

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	28.1	20.1	30.1

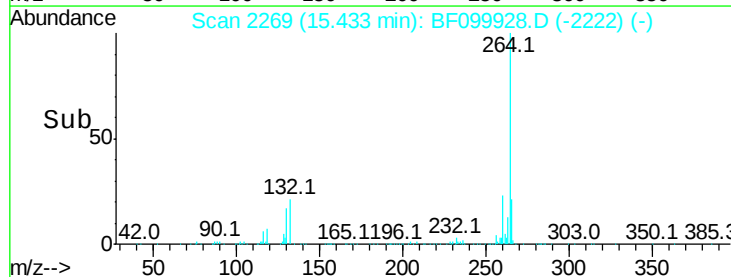
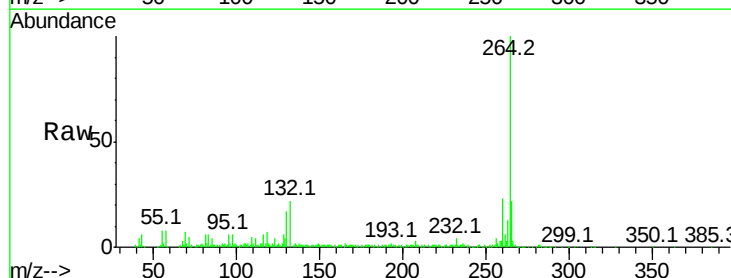
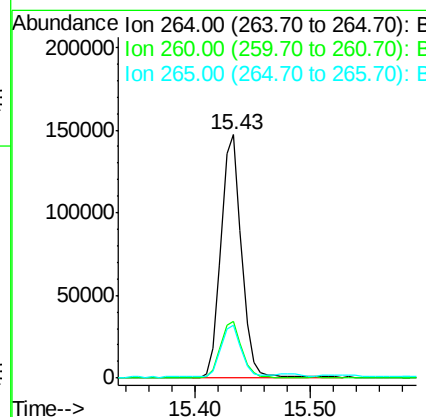
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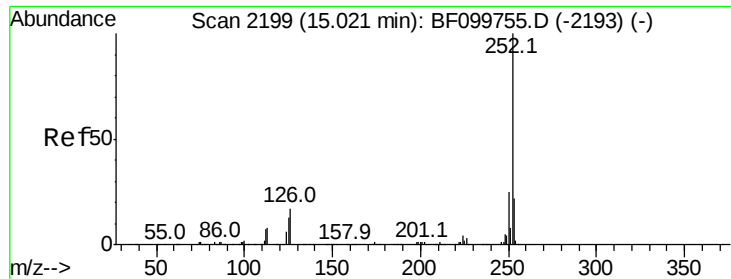
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 8.129 ng m

RT: 15.01 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Instrument :

BNA_F

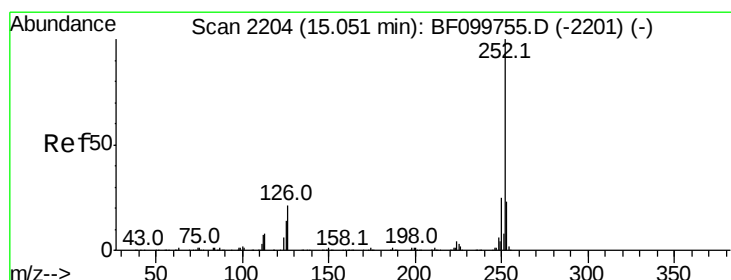
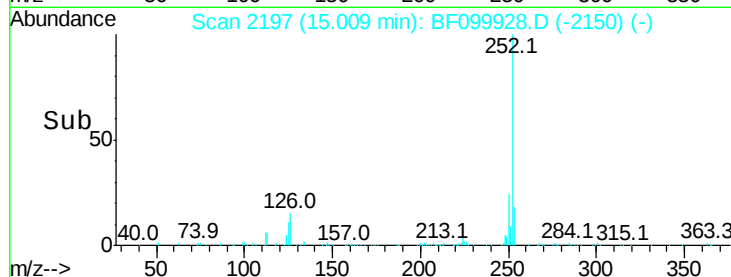
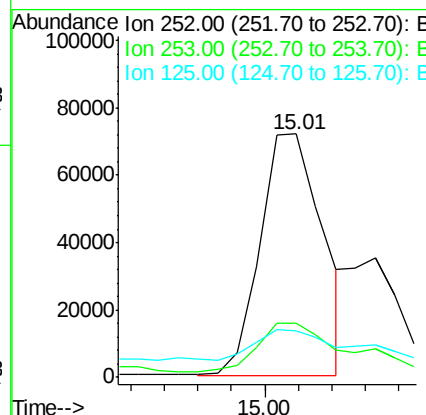
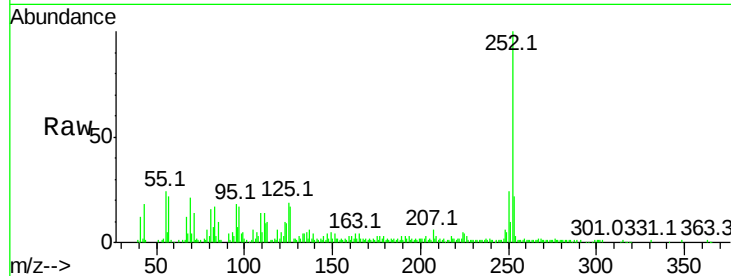
ClientSampleId :

S13-SP2C

Tot Ion:	252	Resp:	92997
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	18.9	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 3.412 ng m

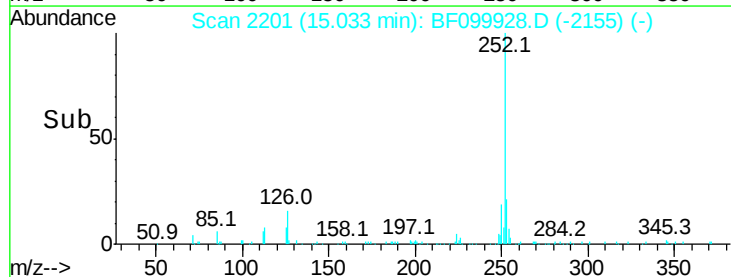
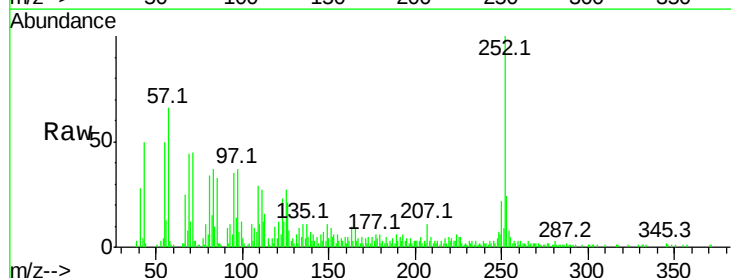
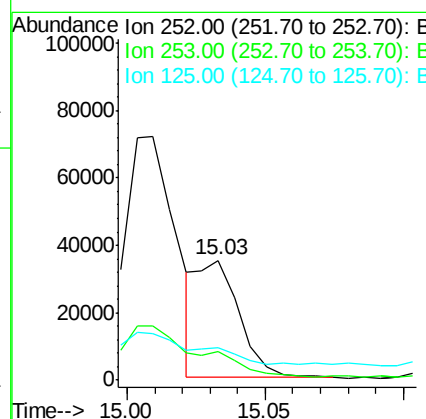
RT: 15.03 min Scan# 2201

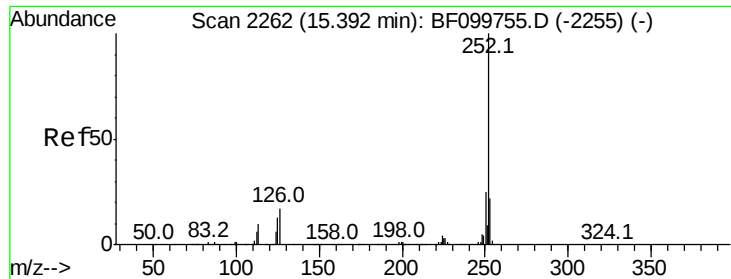
Delta R.T. -0.03 min

Lab File: BF099928.D

Acq: 28 Oct 2017 20:18

Tgt Ion:	252	Resp:	36808
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	26.9	10.2	15.2#





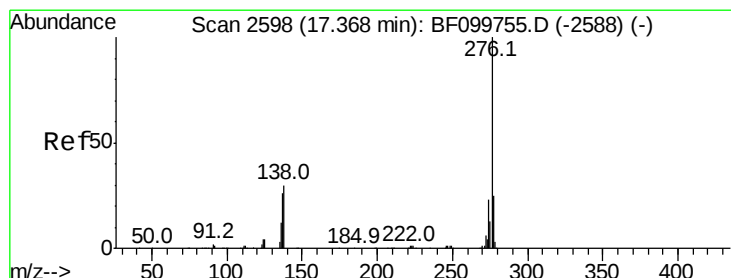
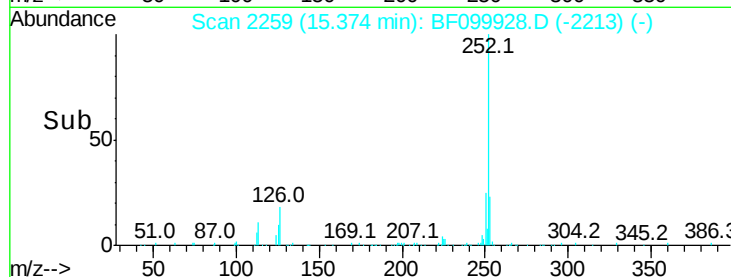
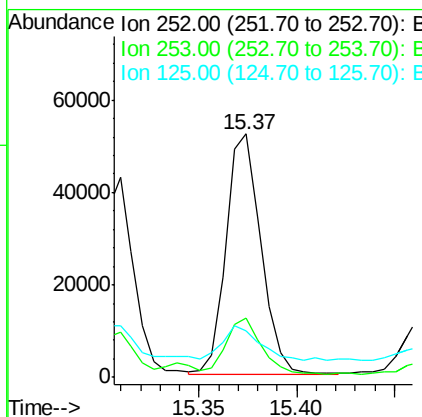
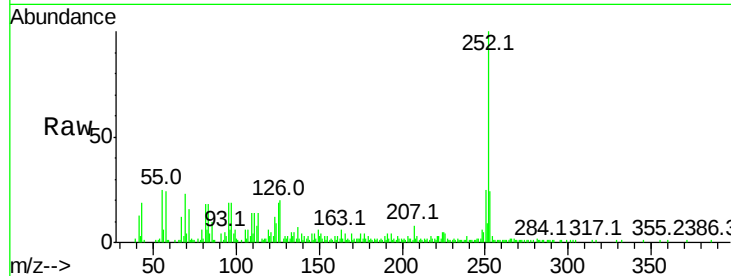
#89
Benzo(a)pyrene
Concen: 6.329 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Instrument :
BNA_F
ClientSampleId :
S13-SP2C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	19.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.301 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.04 min
Lab File: BF099928.D
Acq: 28 Oct 2017 20:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	34.6	21.8	32.8

