

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099927.D
 Acq On : 28 Oct 2017 19:50
 Operator : SJ/JU
 Sample : I6166-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:20:34 PM

Quant Time: Oct 30 04:16:54 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	109456	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	437130	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	184703	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	263099	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	182041	20.00	ng	-0.02
86) Perylene-d12	15.43	264	185455	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	459069	65.85	ng	0.00
7) Phenol-d6	6.43	99	542659	65.64	ng	-0.01
23) Nitrobenzene-d5	7.36	82	313949	46.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	99877	59.34	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	656499	54.84	ng	-0.02
78) Terphenyl-d14	12.90	244	387389	46.51	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.54	163	104334	7.133	ng	99
70) Phenanthrene	11.34	178	75671	5.096	ng	99
74) Fluoranthene	12.53	202	100513	6.514	ng	97
77) Pyrene	12.76	202	89758	6.484	ng	98
80) Benzo(a)anthracene	13.96	228	45238	3.920	ng	96
82) Chrysene	13.99	228	38467	3.546	ng	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	53596	5.599	ng	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	23789	2.388	ng	93
87) Benzo(b)fluoranthene	15.01	252	58806m	5.022	ng	
89) Benzo(a)pyrene	15.37	252	38870	3.695	ng	# 84
91) Benzo(g,h,i)perylene	17.36	276	22249	2.433	ng	# 81

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

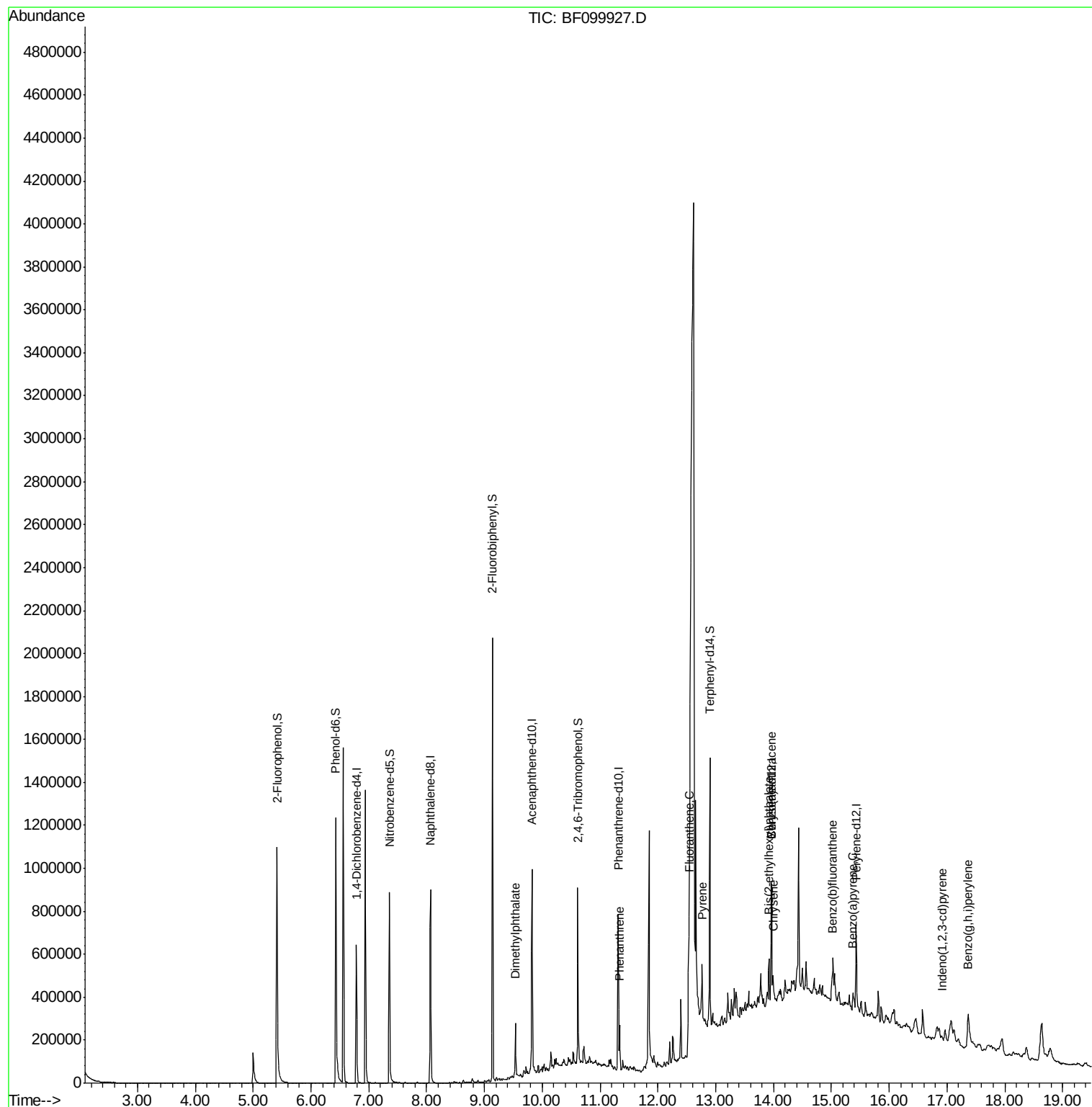
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
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ALS Vial : 19 Sample Multiplier: 1

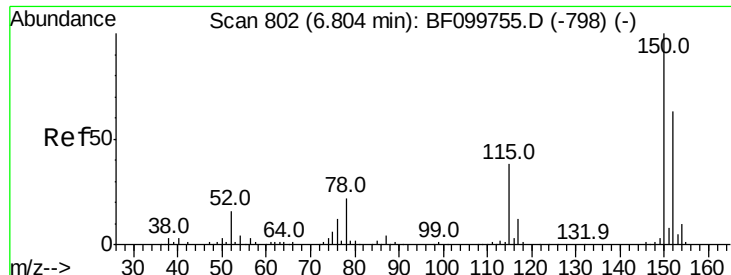
Instrument :
BNA_F
ClientSampleId :
RO-72-11966

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#1

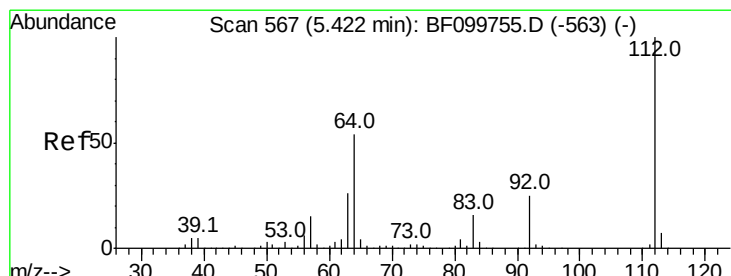
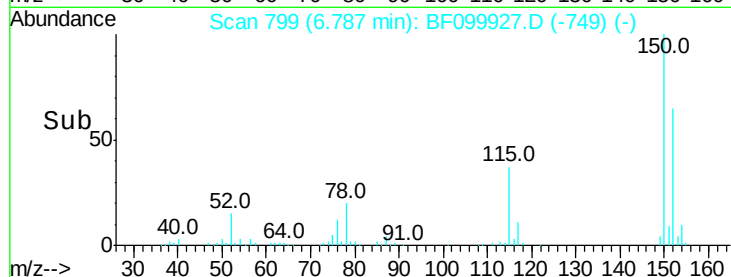
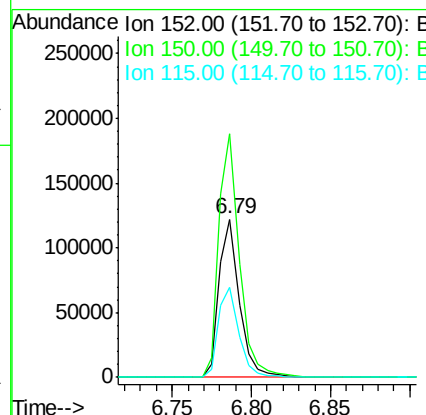
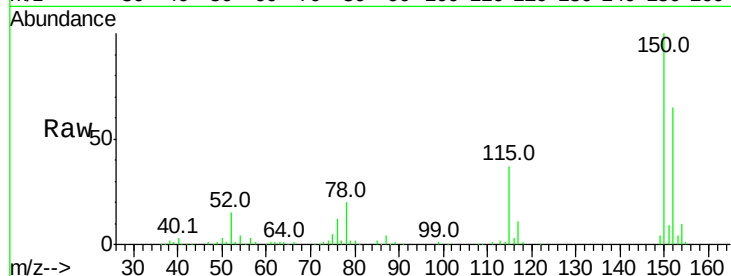
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Instrument :
BNA_F
ClientSampleId :
RO-72-11966

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	57.1	50.1	75.1

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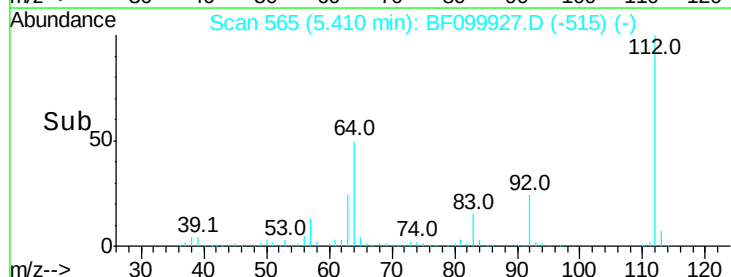
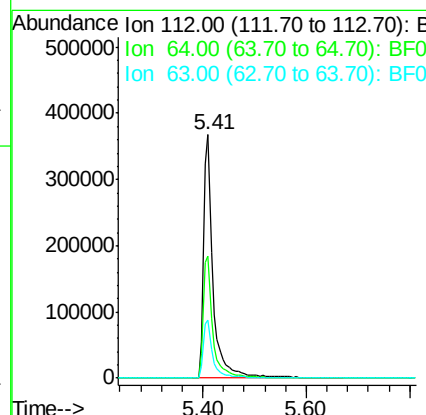
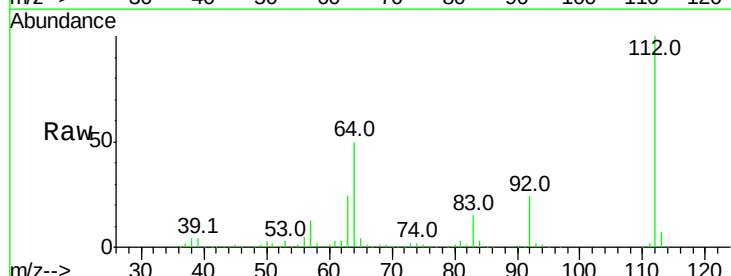
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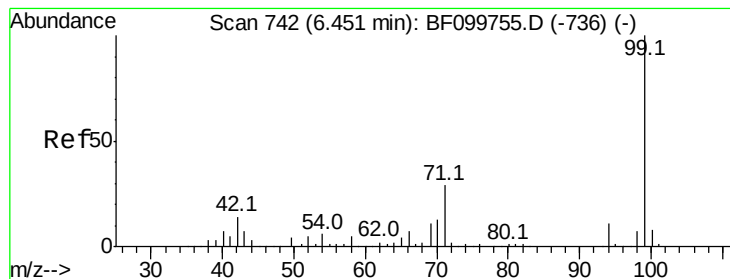


#5

2-Fluorophenol
Concen: 65.846 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	47.9	71.9
63	23.7	23.7	35.5





#7

Phenol-d6

Concen: 65.644 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Instrument :

BNA_F

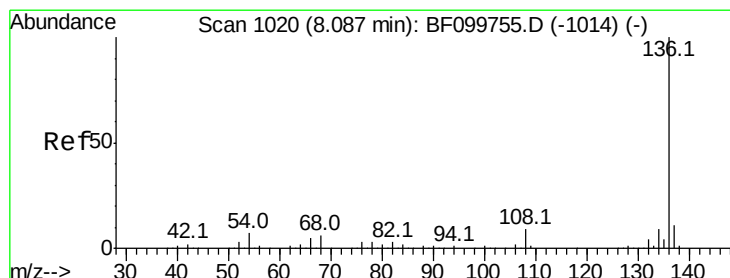
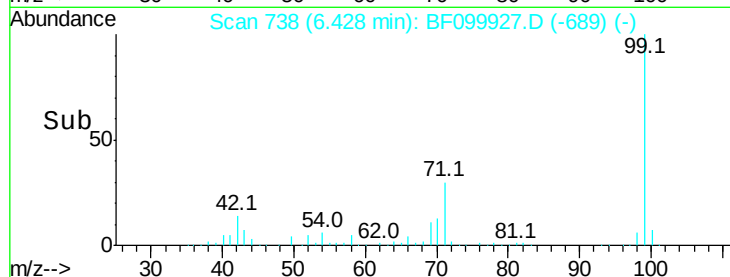
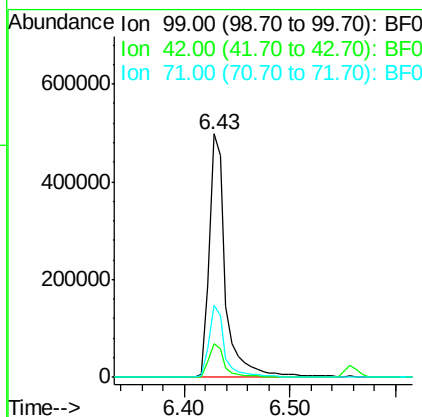
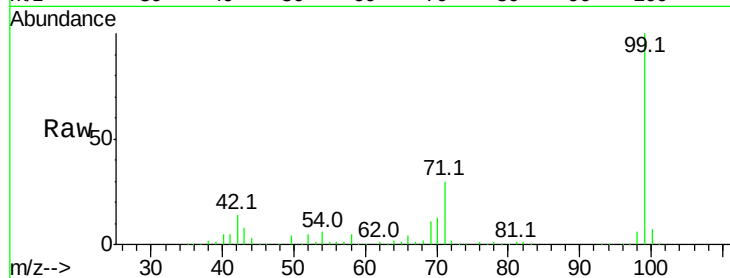
ClientSampleId :

RO-72-11966

Tot Ion:	99	Resp:	542659
Ion Ratio	Lower	Upper	
99	100		
42	14.0	14.5	21.7#
71	29.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

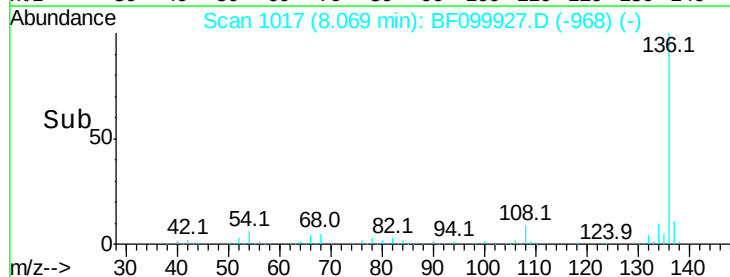
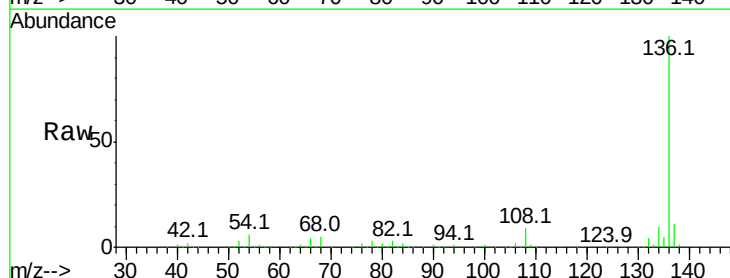
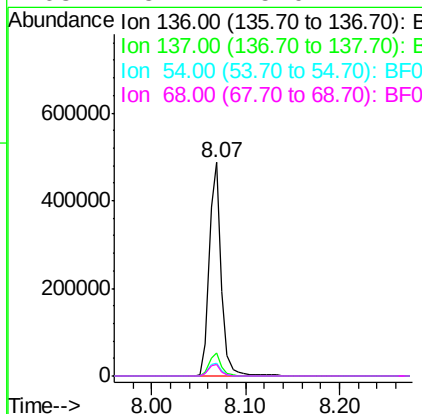
RT: 8.07 min Scan# 1017

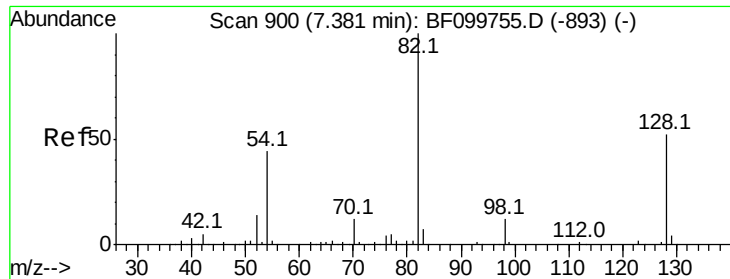
Delta R.T. -0.01 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Tgt Ion:	136	Resp:	437130
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	5.9	6.6	9.8#
68	5.4	5.0	7.4





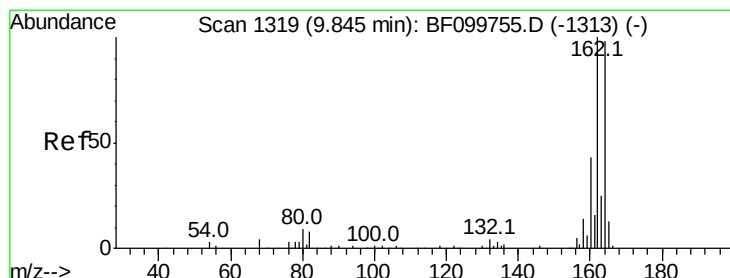
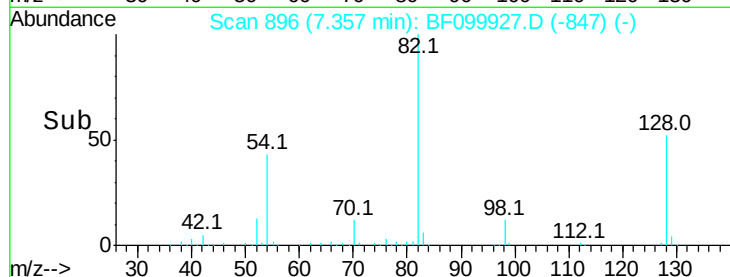
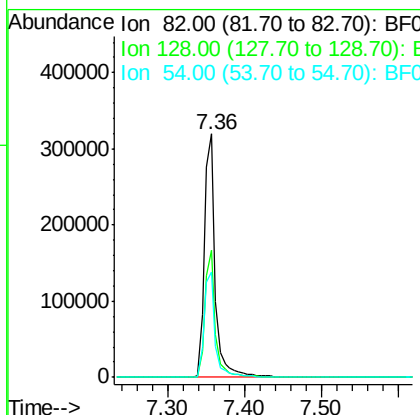
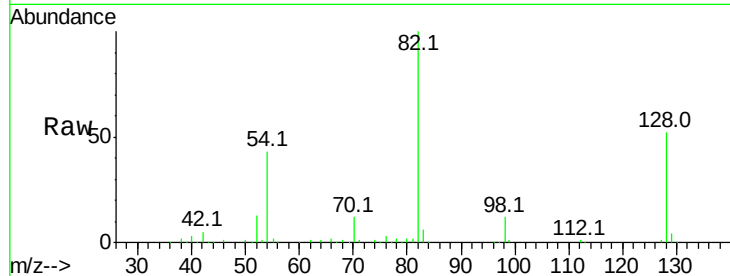
#23
 Nitrobenzene-d5
 Concen: 46.238 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099927.D
 Acq: 28 Oct 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.4	36.1	54.1
54	43.1	41.4	62.2

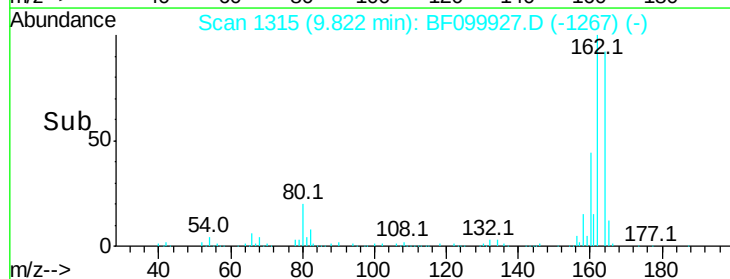
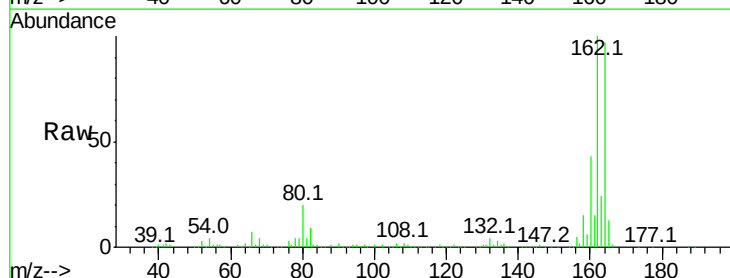
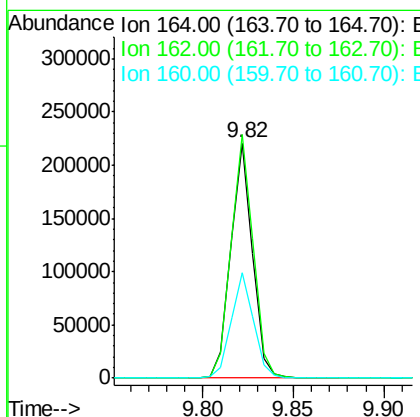
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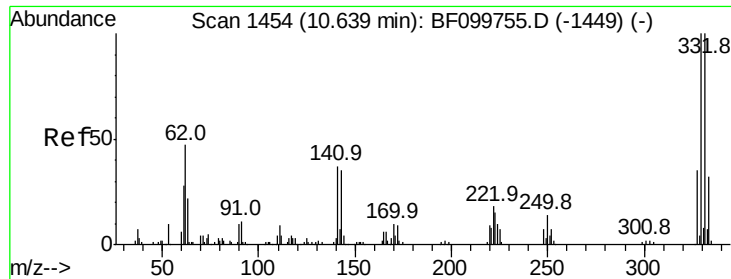
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099927.D
 Acq: 28 Oct 2017 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	44.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 59.337 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Instrument :

BNA_F

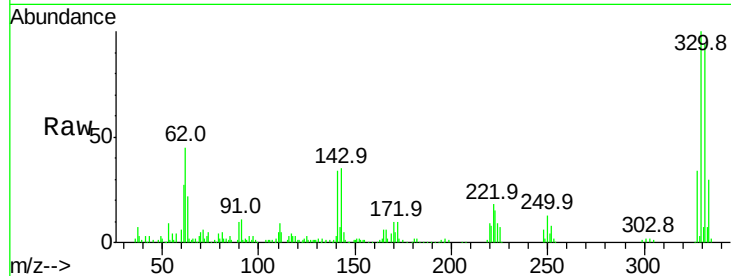
ClientSampled :

RO-72-11966

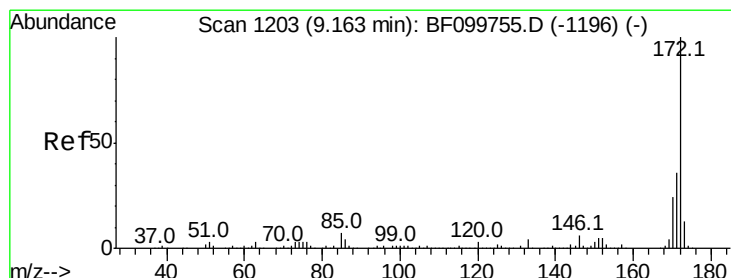
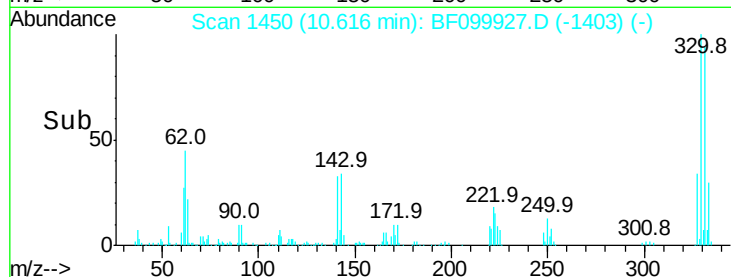
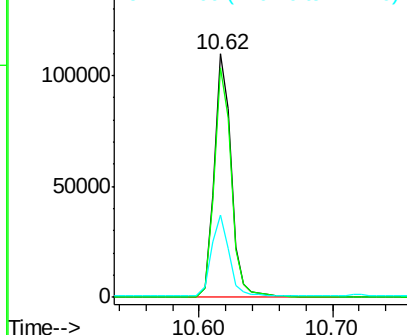
Tot Ion:	330	Resp:	99877
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.0	115.6
141	33.5	29.9	44.9

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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: 54.838 ng

RT: 9.14 min Scan# 1199

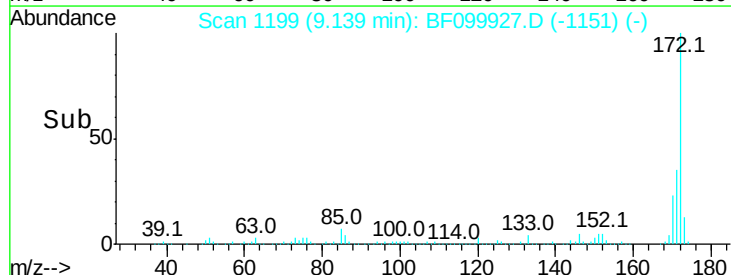
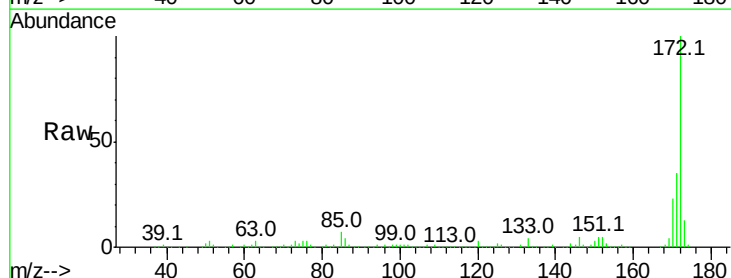
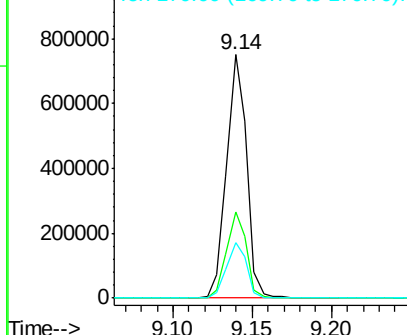
Delta R.T. -0.02 min

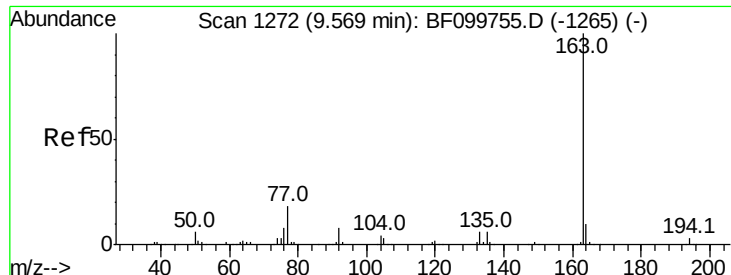
Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Tgt Ion:	172	Resp:	656499
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.7	44.5
170	23.0	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





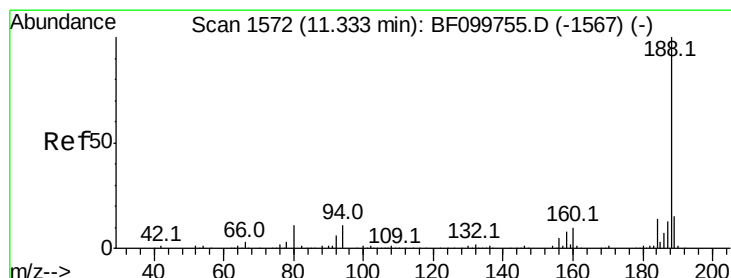
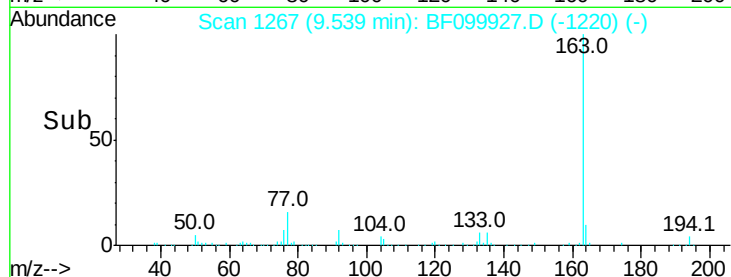
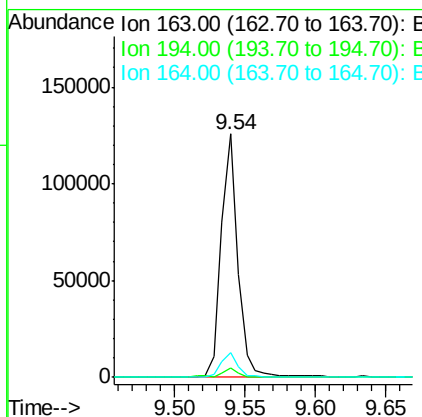
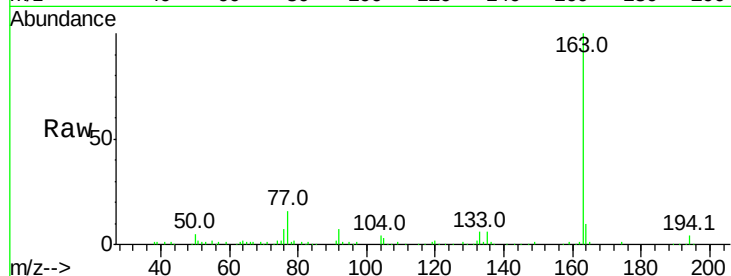
#49
Dimethylphthalate
Concen: 7.133 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Instrument :
BNA_F
ClientSampleId :
RO-72-11966

Tot Ion	Ratio	Resp	Lower	Upper
163	100	104334		
194	3.8		2.7	4.1
164	10.0		8.2	12.2

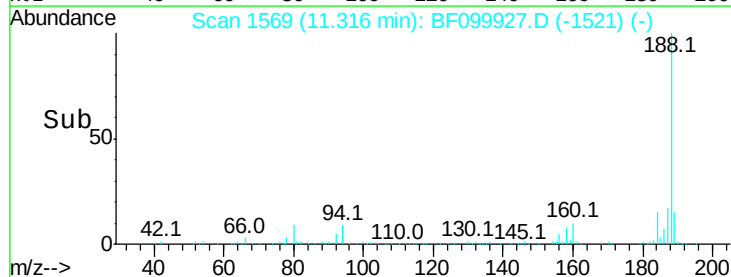
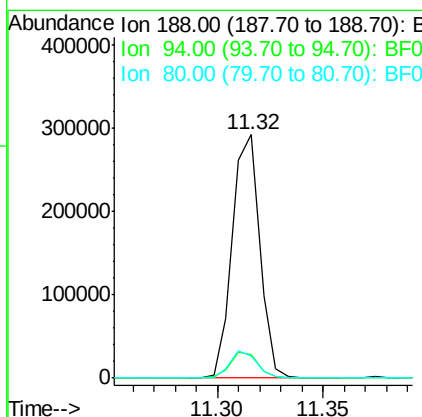
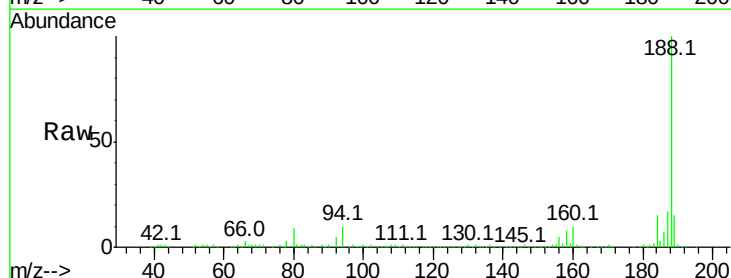
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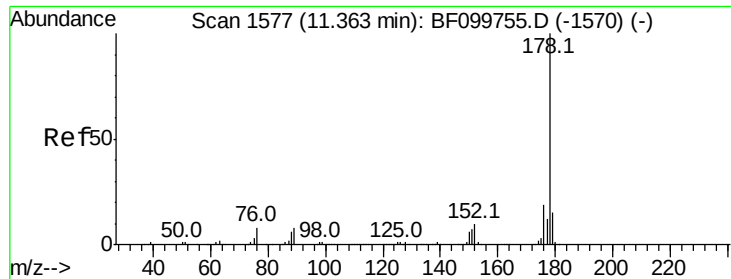
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	263099		
94	9.6		8.5	12.7
80	9.4		9.2	13.8





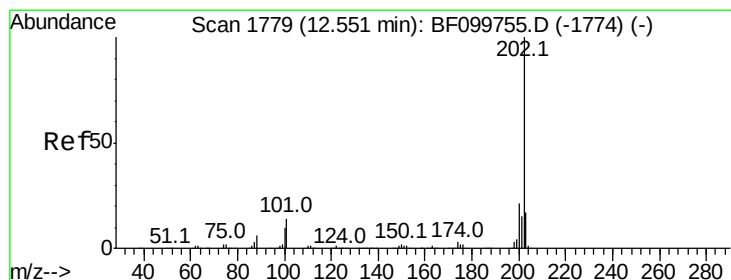
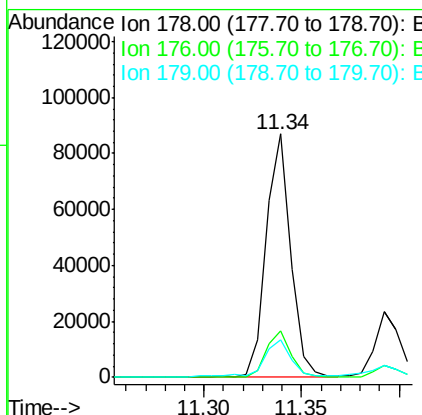
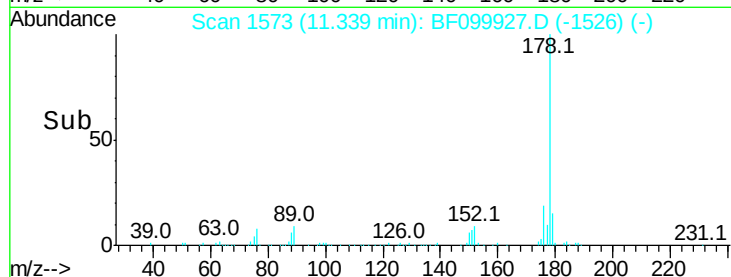
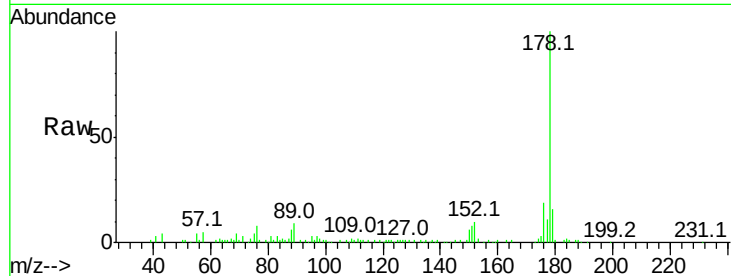
#70
Phenanthrene
Concen: 5.096 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Instrument :
BNA_F
ClientSampleId :
RO-72-11966

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	13.0	19.6

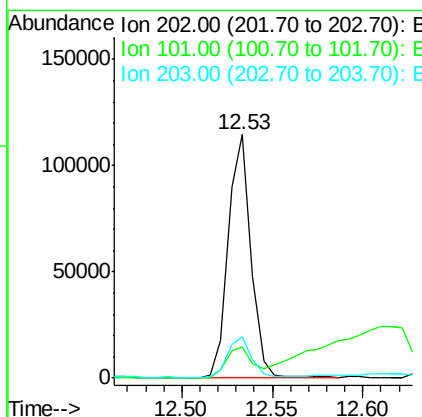
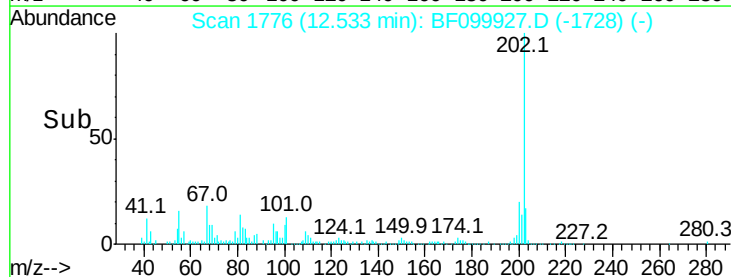
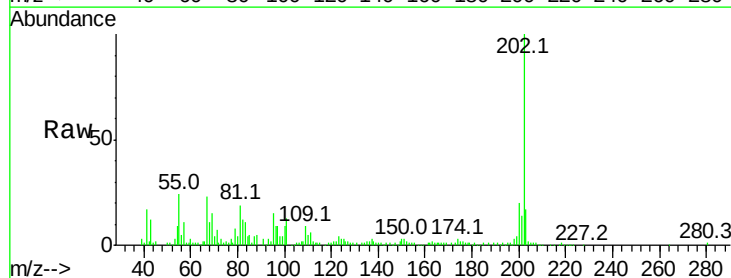
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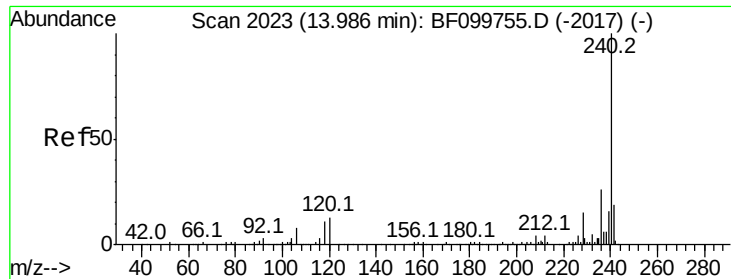
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#74
Fluoranthene
Concen: 6.514 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Instrument :

BNA_F

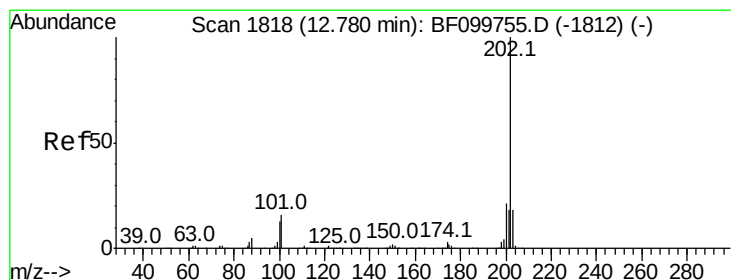
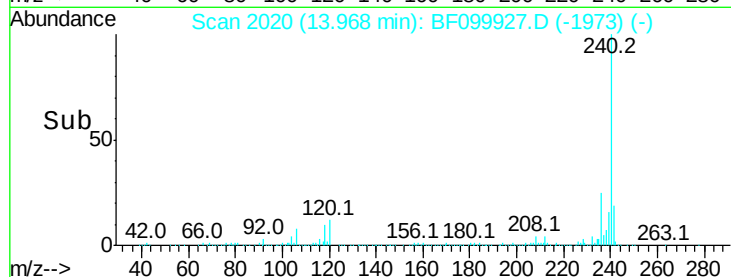
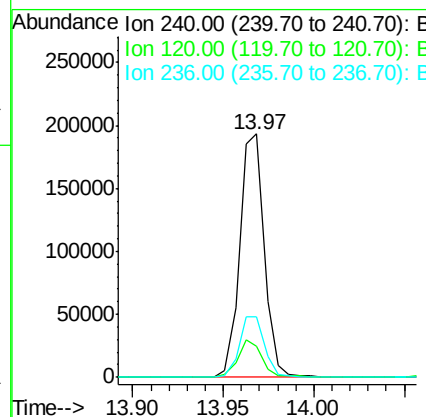
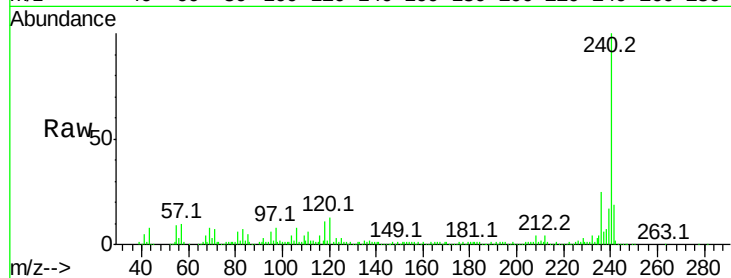
ClientSampleId :

RO-72-11966

Tot Ion:	240	Resp:	182041
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.0	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 6.484 ng

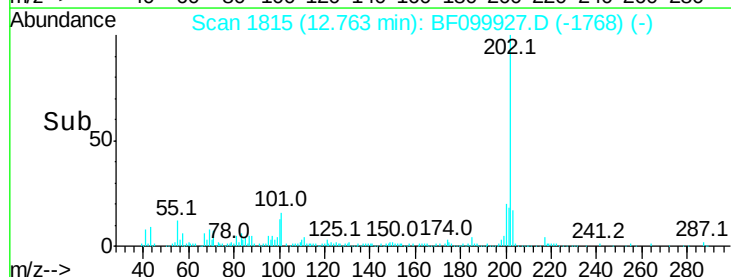
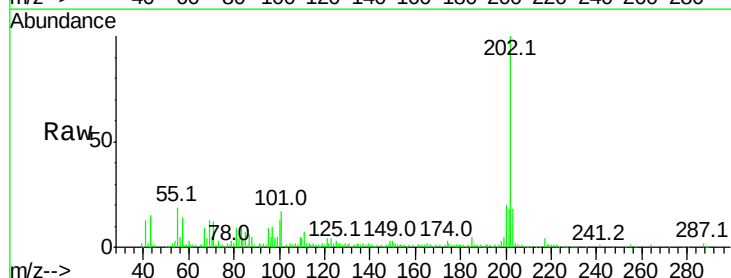
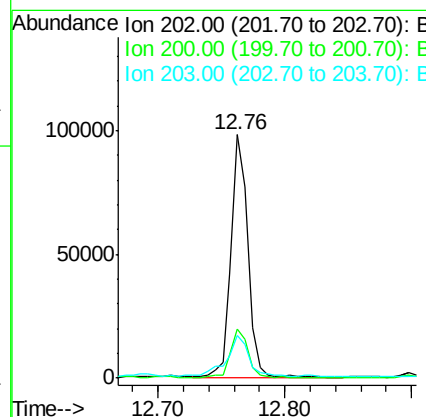
RT: 12.76 min Scan# 1815

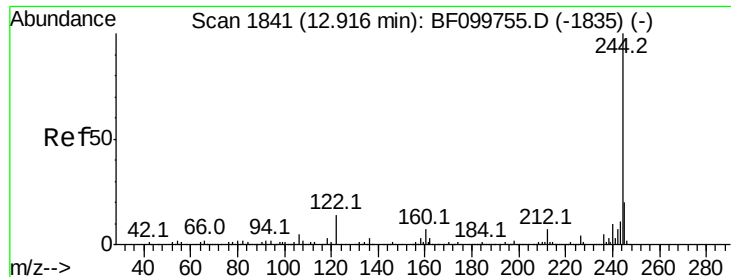
Delta R.T. -0.02 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Tgt Ion:	202	Resp:	89758
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	17.8	14.3	21.5





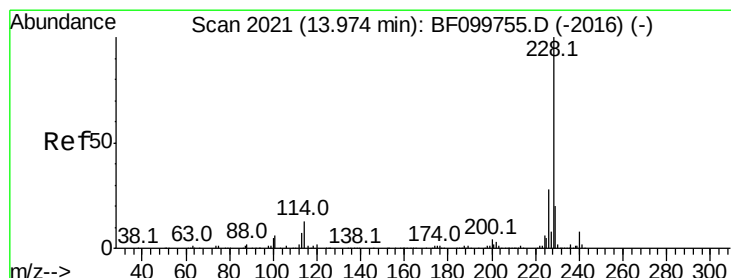
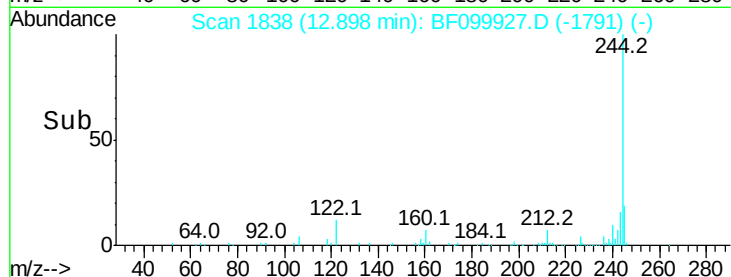
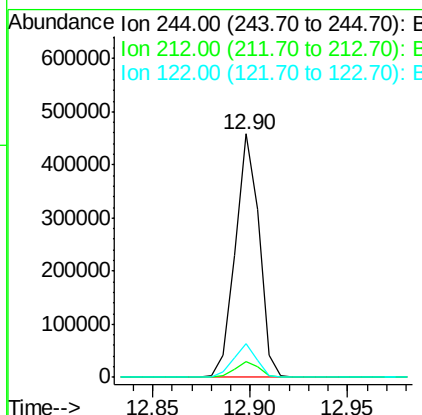
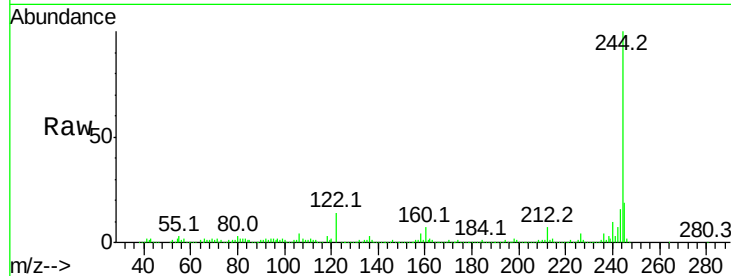
#78
 Terphenyl-d14
 Concen: 46.505 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF099927.D
 Acq: 28 Oct 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4

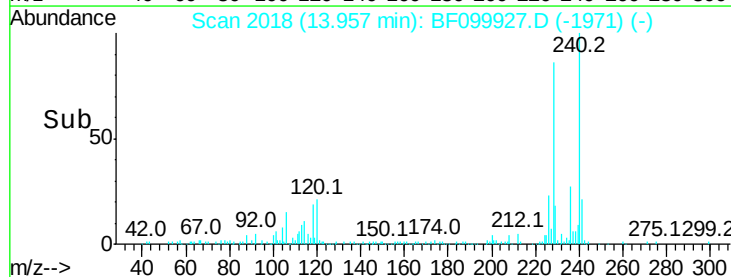
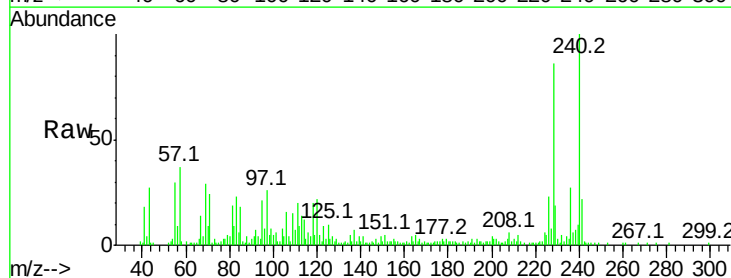
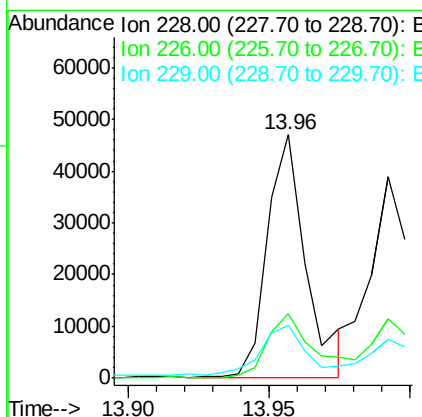
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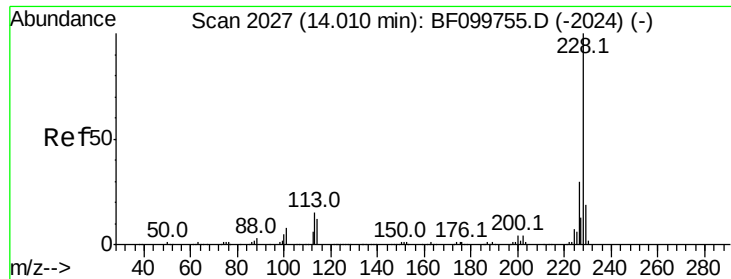
Sohil
 10/30/2017 6:20:34 PM



#80
 Benzo(a)anthracene
 Concen: 3.920 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF099927.D
 Acq: 28 Oct 2017 19:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	21.8	15.8	23.6





#82

Chrysene

Concen: 3.546 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Instrument :

BNA_F

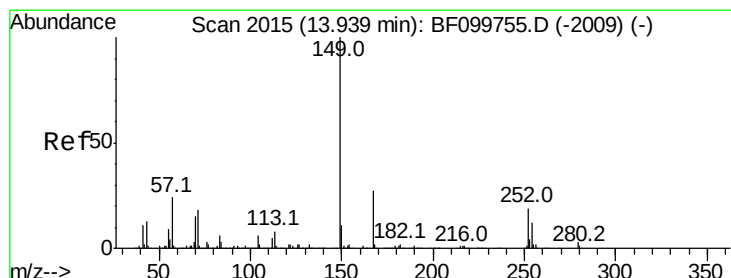
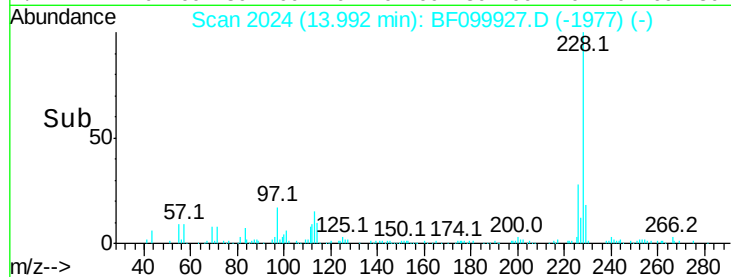
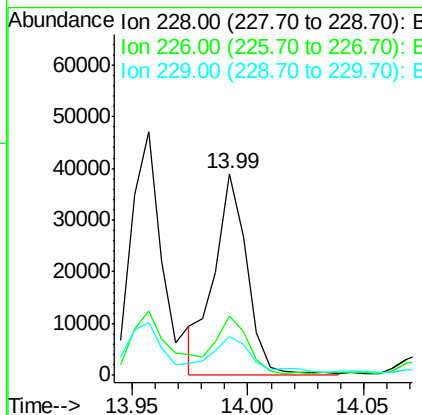
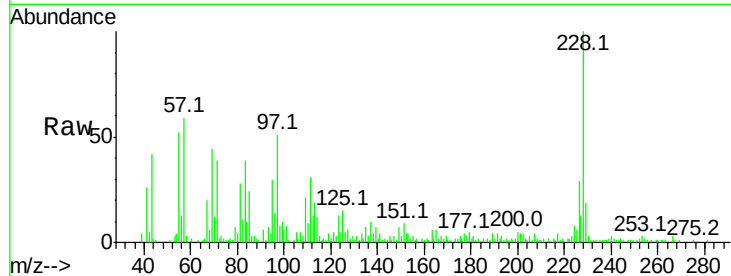
ClientSampleId :

RO-72-11966

Tot Ion:	228	Resp:	38467
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	19.3	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 5.599 ng

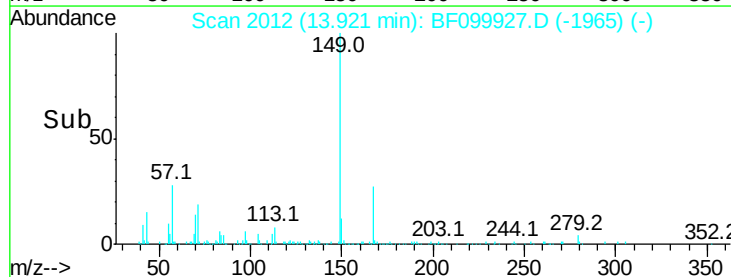
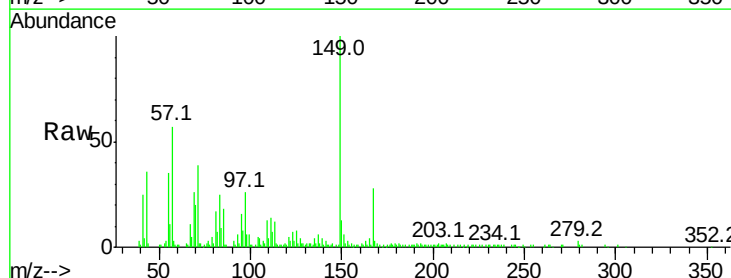
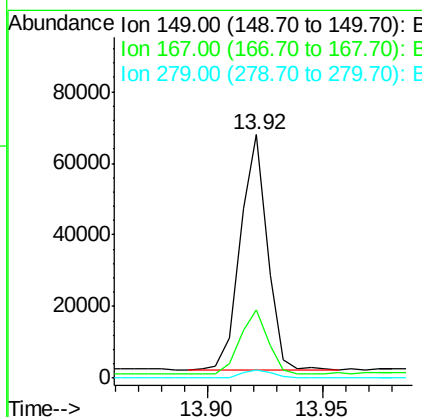
RT: 13.92 min Scan# 2012

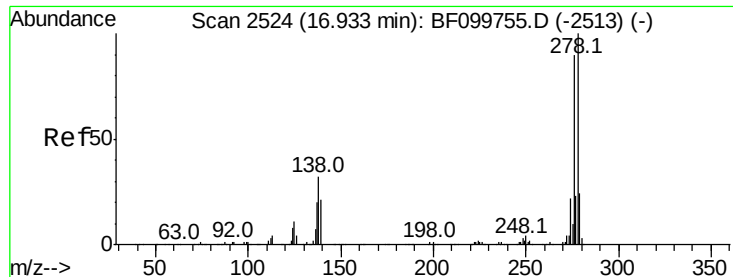
Delta R.T. -0.02 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Tgt Ion:	149	Resp:	53596
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	3.4	3.0	4.4





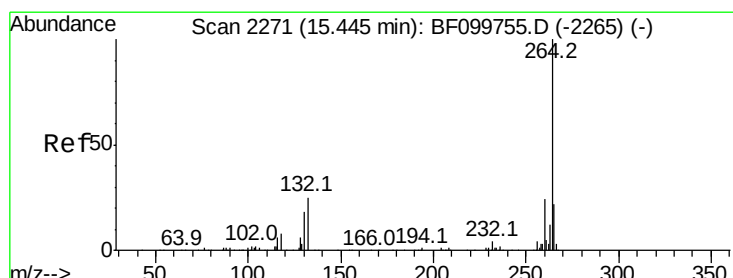
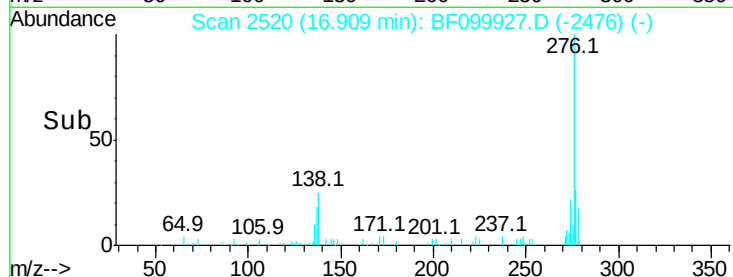
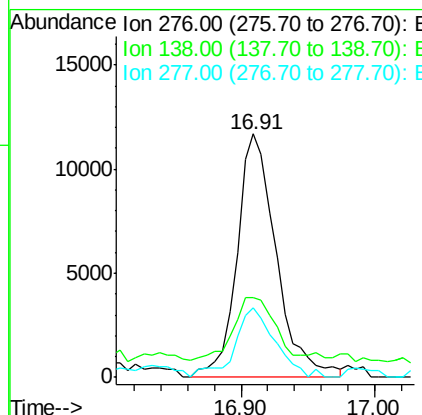
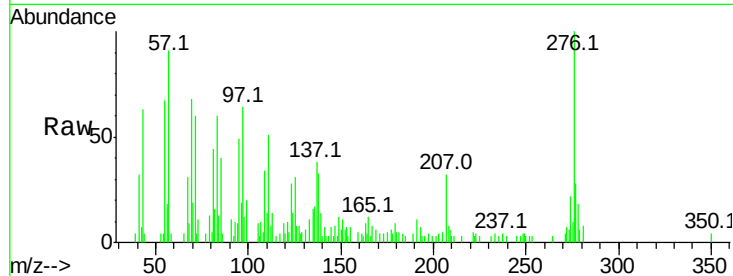
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.388 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.04 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Instrument :
BNA_F
ClientSampleId :
RO-72-11966

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	29.4	20.1	30.1

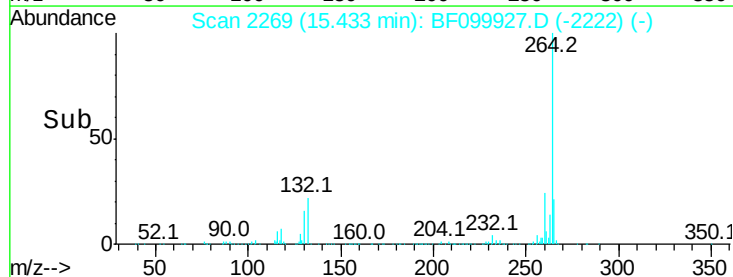
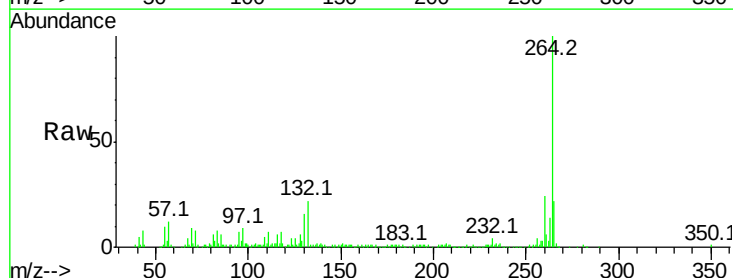
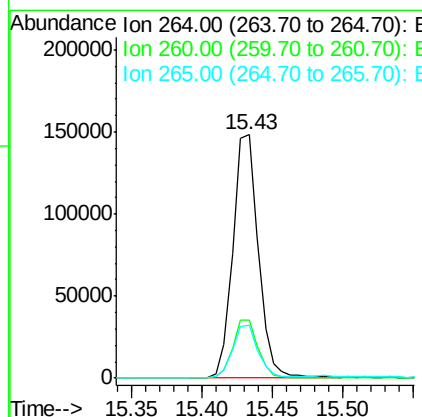
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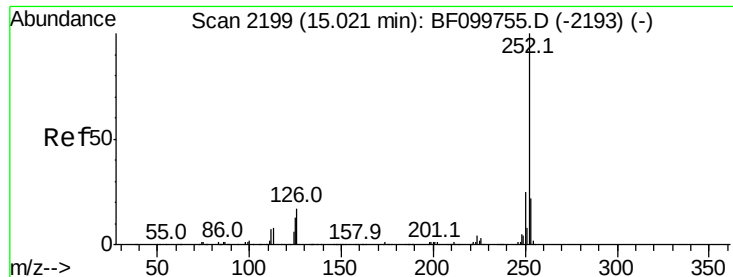
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF099927.D
Acq: 28 Oct 2017 19:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 5.022 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Instrument :

BNA_F

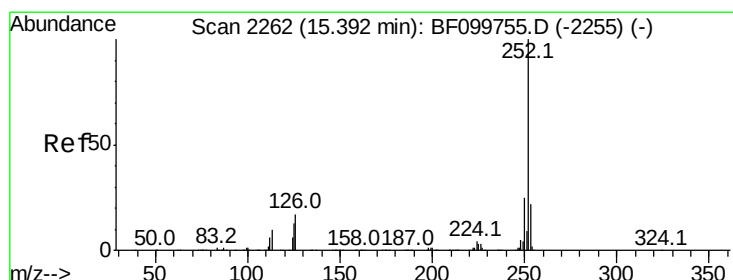
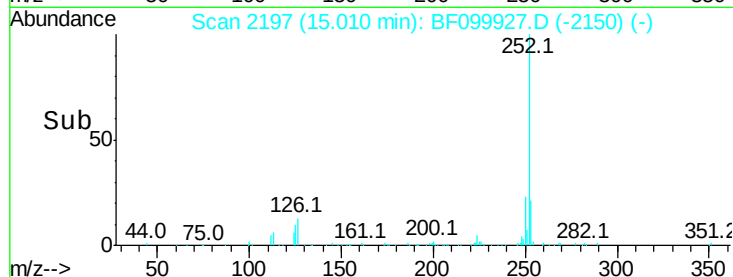
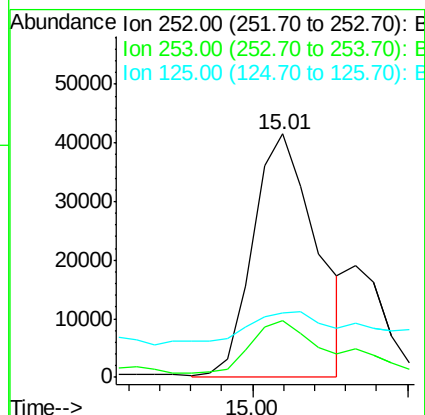
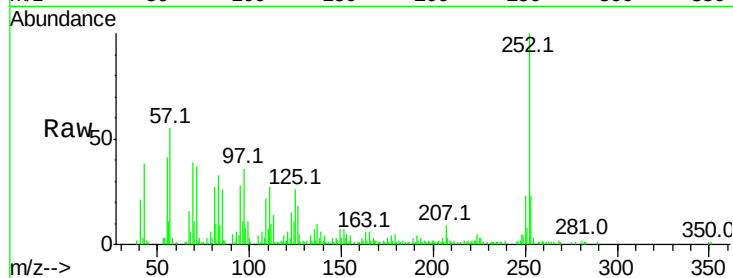
ClientSampleId :

RO-72-11966

Tot Ion:	252	Resp:	58806
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.6
125	26.5	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 3.695 ng

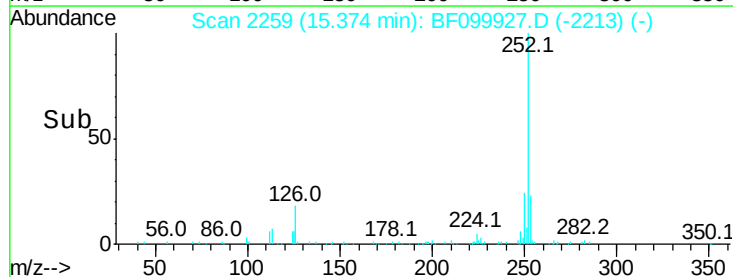
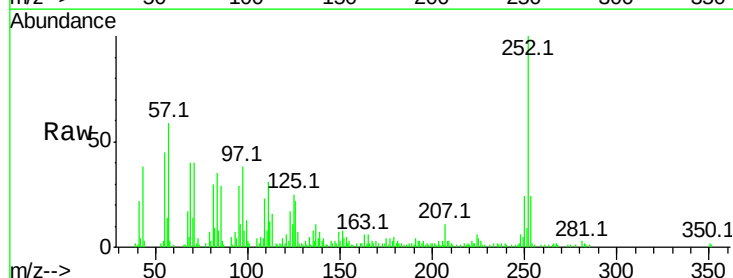
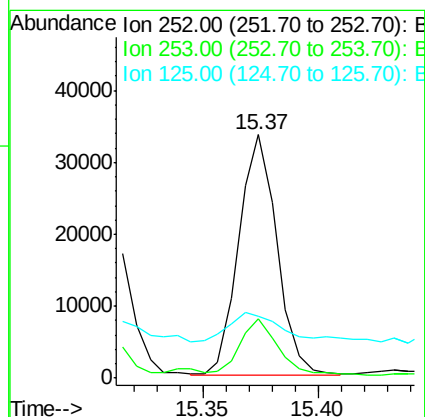
RT: 15.37 min Scan# 2259

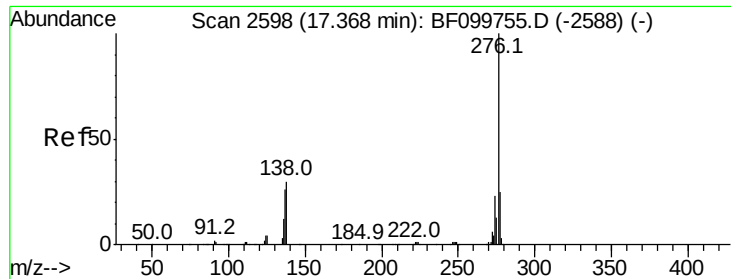
Delta R.T. -0.03 min

Lab File: BF099927.D

Acq: 28 Oct 2017 19:50

Tgt Ion:	252	Resp:	38870
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	25.3	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.433 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. -0.04 min
 Lab File: BF099927.D
 Acq: 28 Oct 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	27.3	17.9	26.9#
138	40.7	21.8	32.8#

Manual Integrations
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 10/30/2017 6:20:34 PM

