

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104992.D
 Acq On : 1 May 2018 19:01
 Operator : JU/SJ
 Sample : J2590-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(0-5)

Manual Integrations
 APPROVED

Sohil
 5/2/2018 4:21:34 PM

Quant Time: May 02 11:47:22 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118441	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	495100	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	222943	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	368915	20.00	ng	0.00
75) Chrysene-d12	14.02	240	230914	20.00	ng	0.04
86) Perylene-d12	15.56	264	213443	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	648643	83.74	ng	0.00
7) Phenol-d6	6.43	99	811155	85.23	ng	0.00
23) Nitrobenzene-d5	7.36	82	499710	65.91	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	195328	84.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	910881	64.54	ng	0.00
78) Terphenyl-d14	12.92	244	751871	74.23	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.44	94	39649	3.926	ng	81
49) Dimethylphthalate	9.55	163	134736	7.664	ng	100
74) Fluoranthene	12.54	202	72823	3.393	ng	97
77) Pyrene	12.77	202	72223	4.220	ng	98
80) Benzo(a)anthracene	14.00	228	34722	2.517	ng	94
82) Chrysene	14.04	228	33224m	2.345	ng	
87) Benzo(b)fluoranthene	15.13	252	46586m	3.456	ng	
91) Benzo(g,h,i)perylene	17.49	276	19416	2.023	ng	97

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

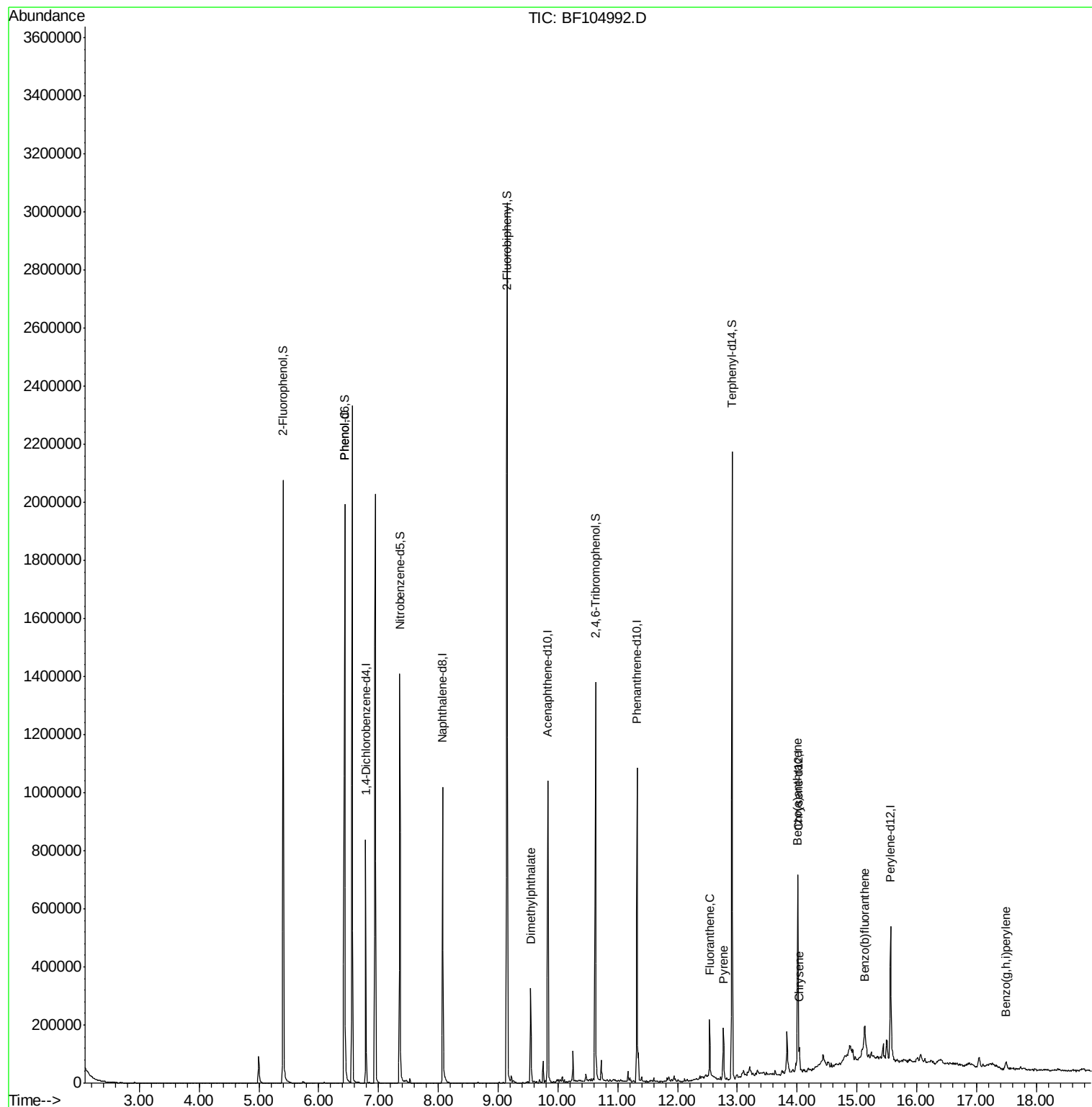
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104992.D
Acq On : 1 May 2018 19:01
Operator : JU/SJ
Sample : J2590-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

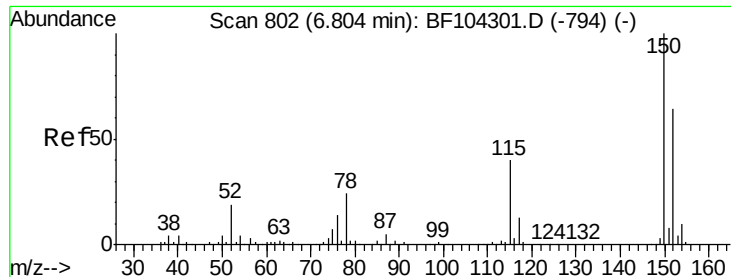
Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(0-5)

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Quant Time: May 02 11:47:22 2018
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#1

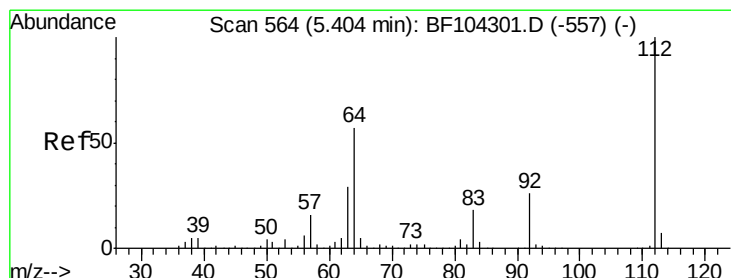
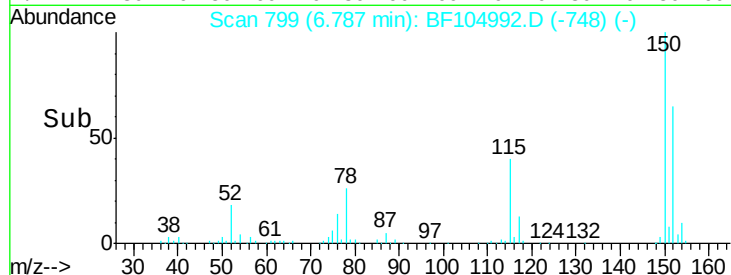
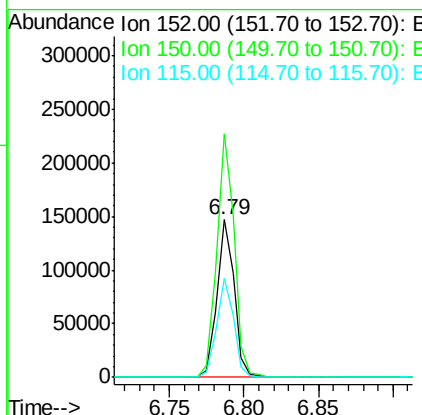
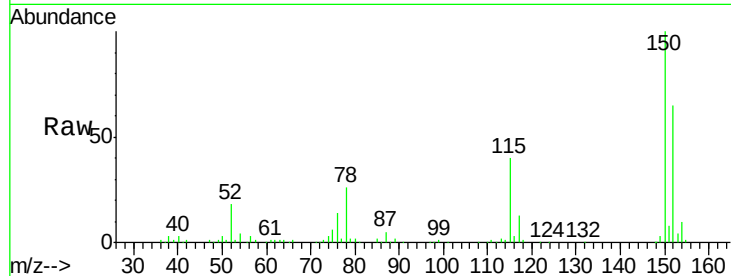
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	118441		
150	154.5	124.6	186.8	
115	62.5	50.1	75.1	

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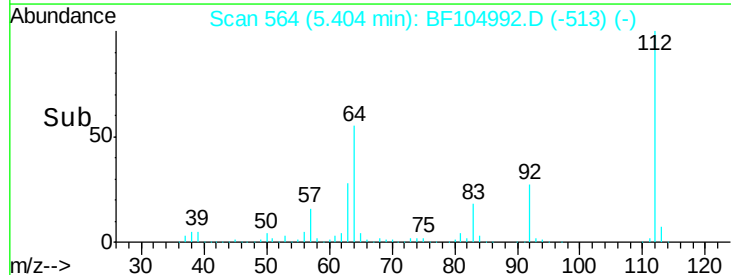
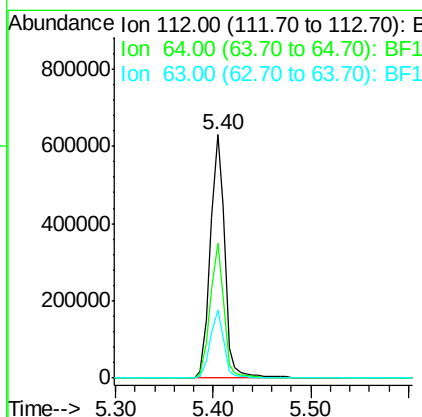
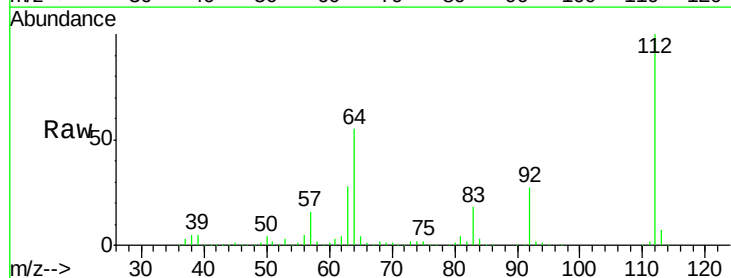
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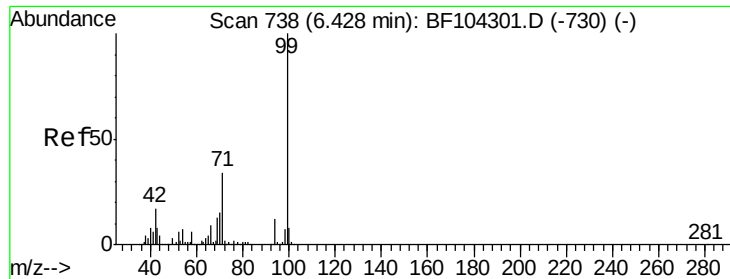


#5

2-Fluorophenol
Concen: 83.739 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	648643		
64	55.4	47.9	71.9	
63	28.1	23.7	35.5	





#7

Phenol-d6

Concen: 85.229 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF104992.D

Acq: 1 May 2018 19:01

Instrument :

BNA_F

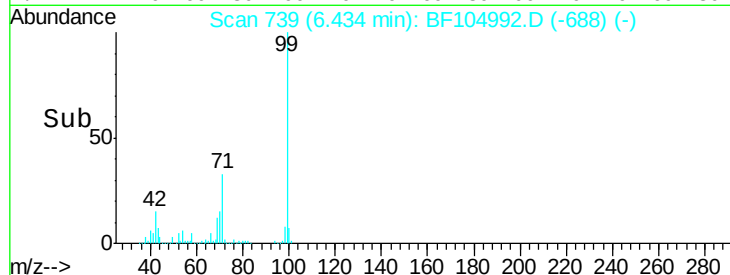
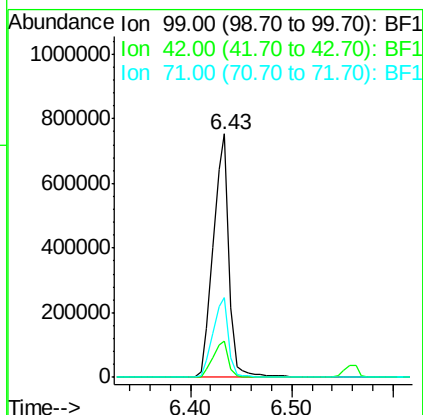
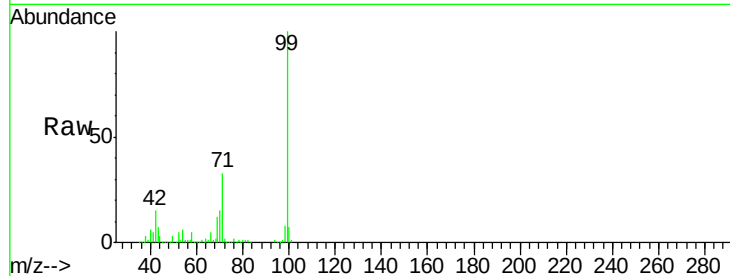
ClientSampled :

EPE-MX-4(0-5)

Tgt Ion:	99	Resp:	811155
Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	32.8	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 3.926 ng

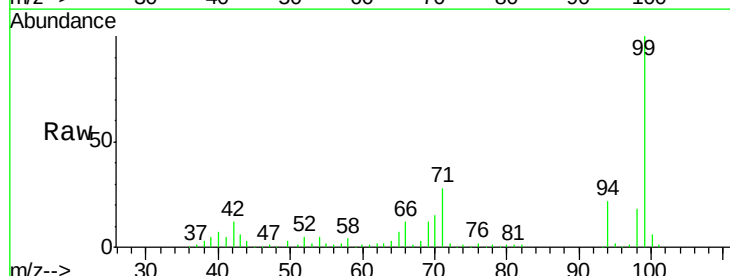
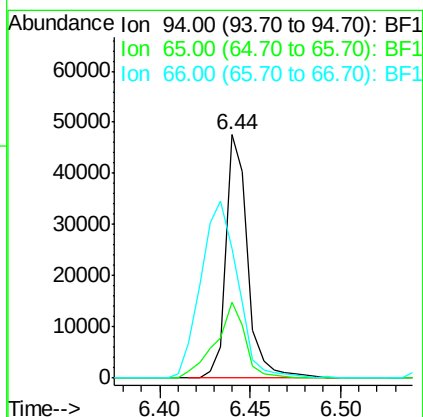
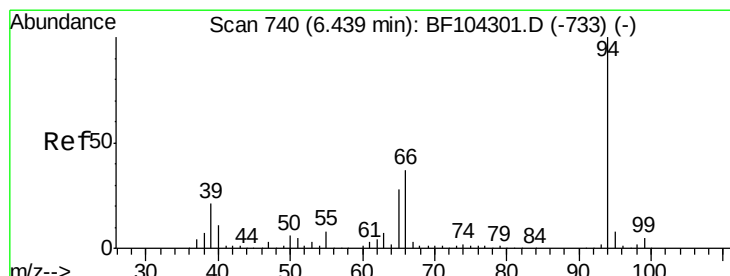
RT: 6.44 min Scan# 740

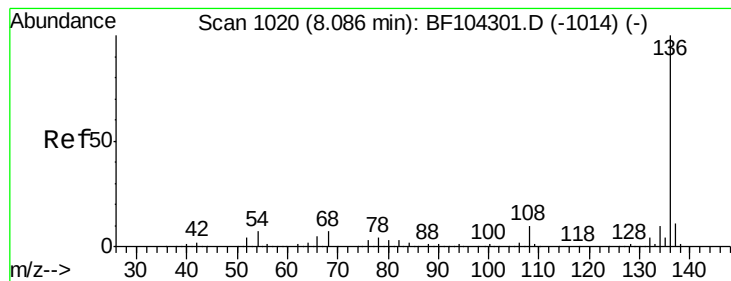
Delta R.T. -0.01 min

Lab File: BF104992.D

Acq: 1 May 2018 19:01

Tgt Ion:	94	Resp:	39649
Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.9	47.9
66	53.2	16.2	56.2





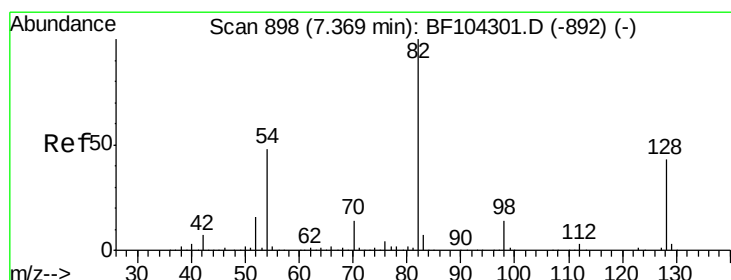
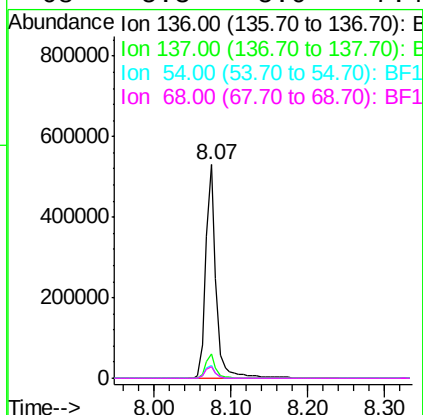
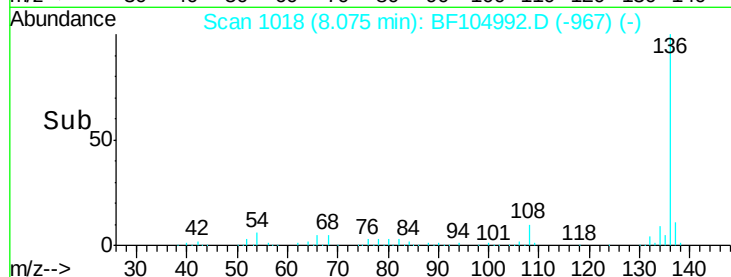
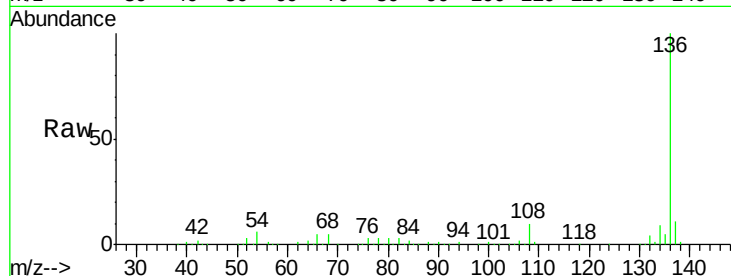
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(0-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	8.9	13.3
54	6.0	6.6	9.8
68	5.3	5.0	7.4

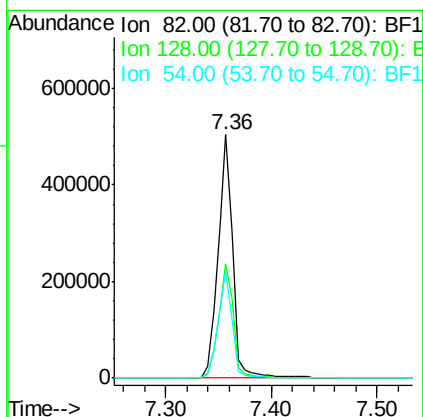
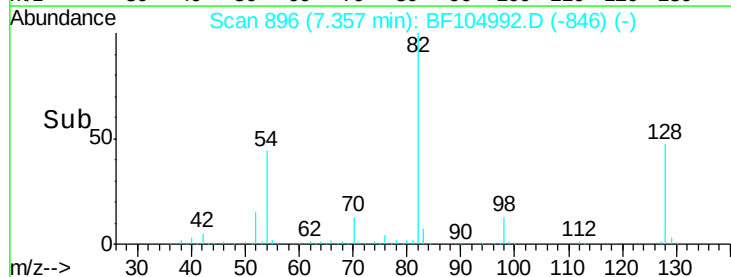
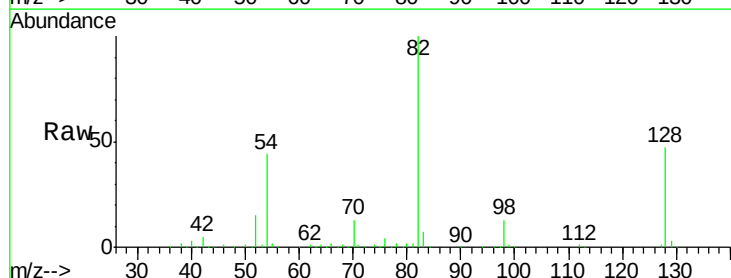
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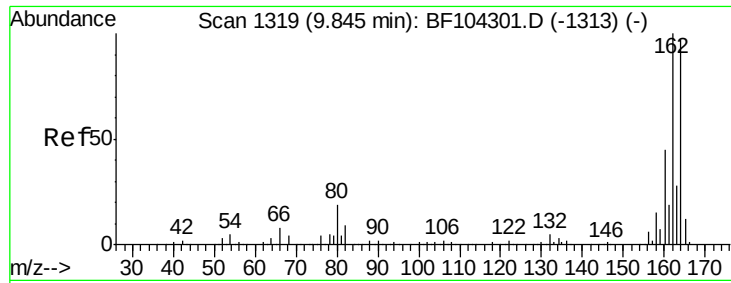
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#23
Nitrobenzene-d5
Concen: 65.906 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.8	36.1	54.1
54	44.0	41.4	62.2





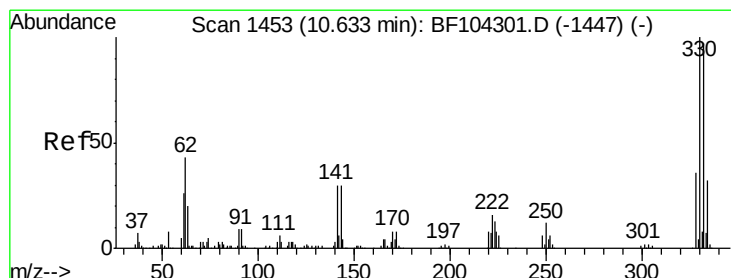
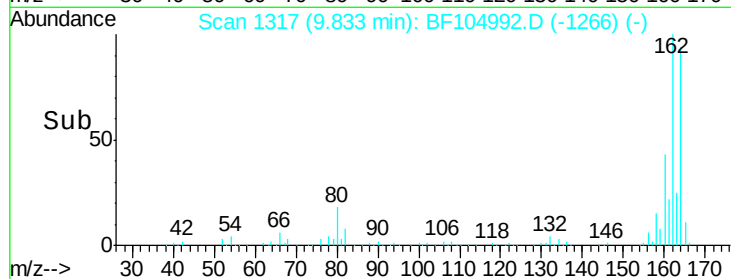
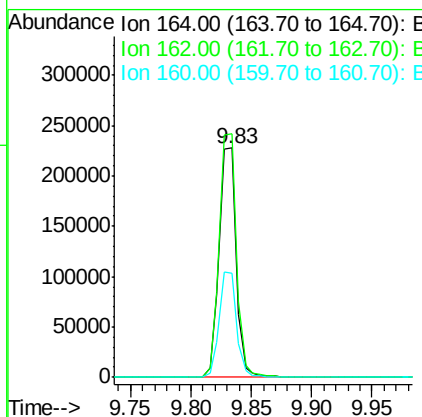
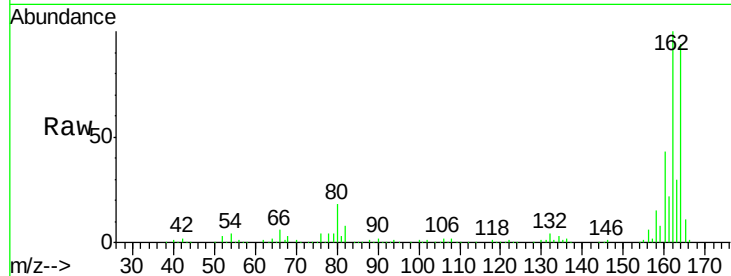
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222943		
162	106.2	86.1	129.1	
160	45.5	38.3	57.5	

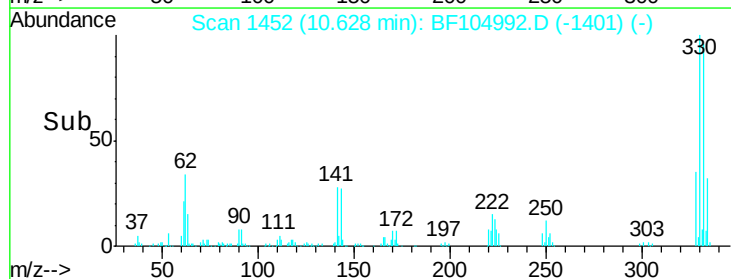
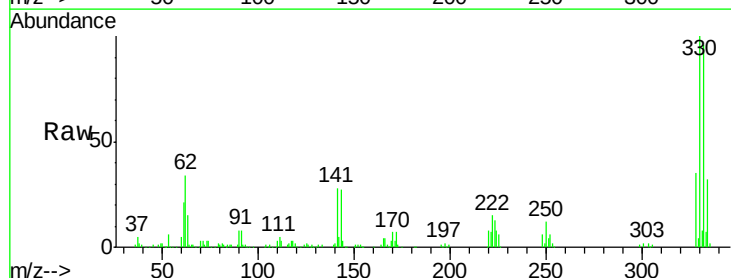
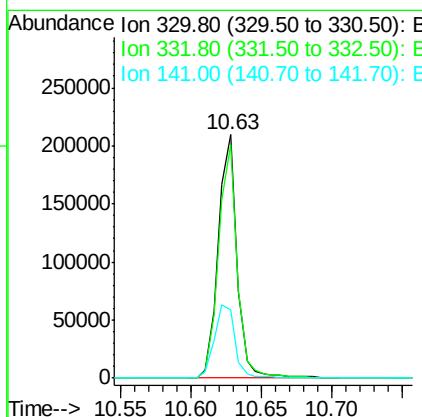
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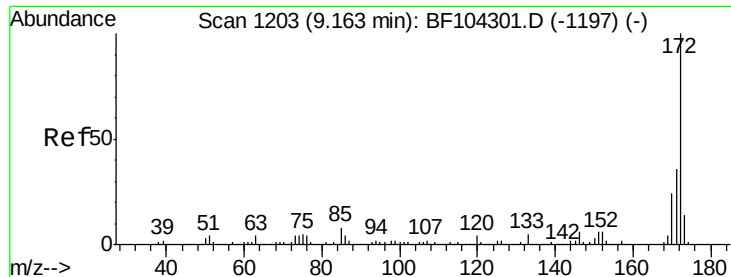
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#41
2,4,6-Tribromophenol
Concen: 84.461 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	195328		
332	95.9	77.0	115.6	
141	33.6	29.9	44.9	





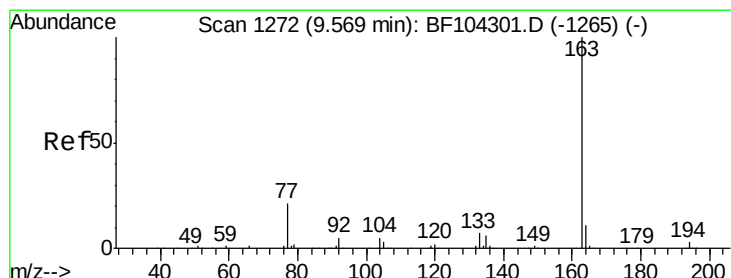
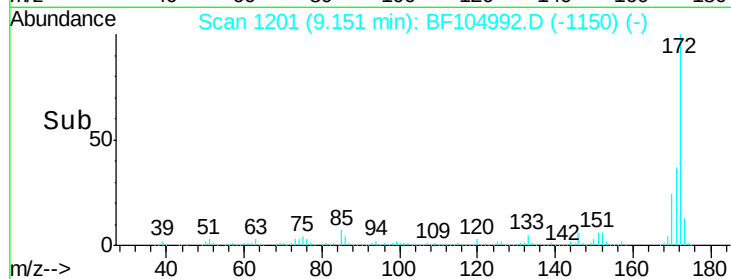
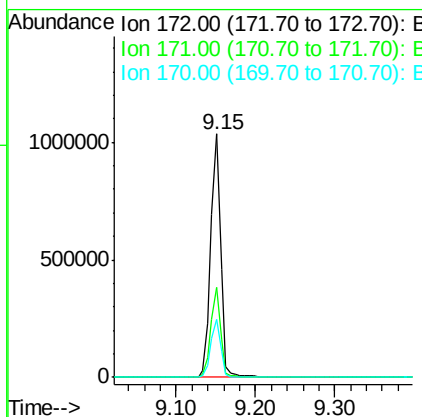
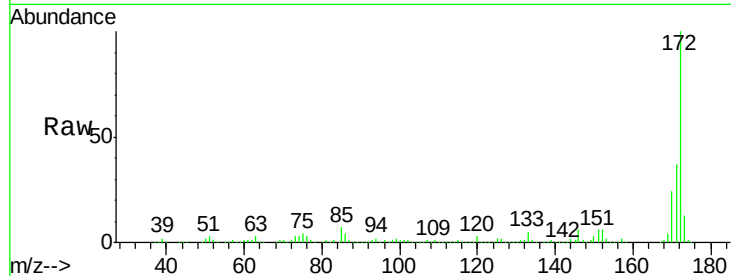
#44
 2-Fluorobiphenyl
 Concen: 64.544 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF104992.D
 Acq: 1 May 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	910881		
171	36.9		29.7	44.5
170	24.0		19.6	29.4

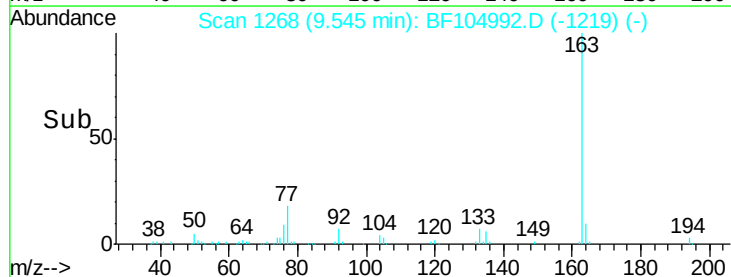
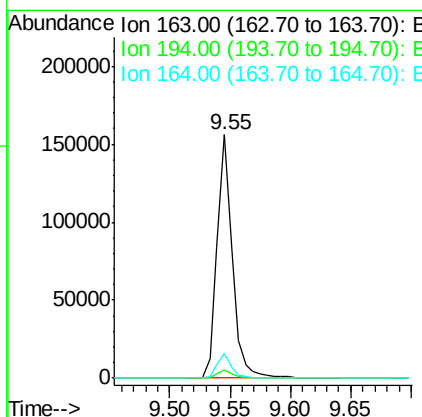
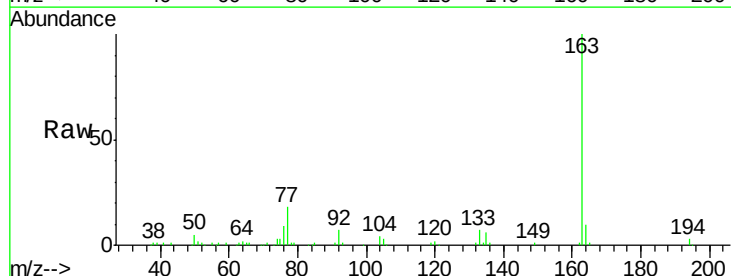
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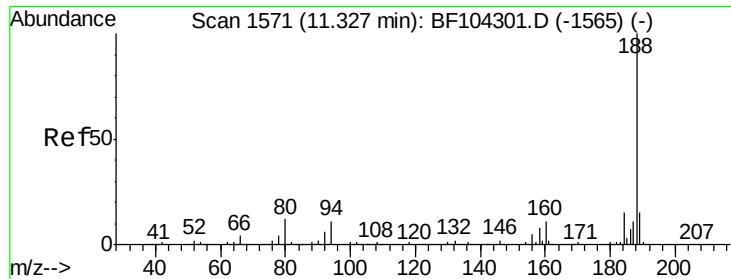
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#49
 Dimethylphthalate
 Concen: 7.664 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF104992.D
 Acq: 1 May 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	134736		
194	3.4		2.7	4.1
164	10.1		8.2	12.2





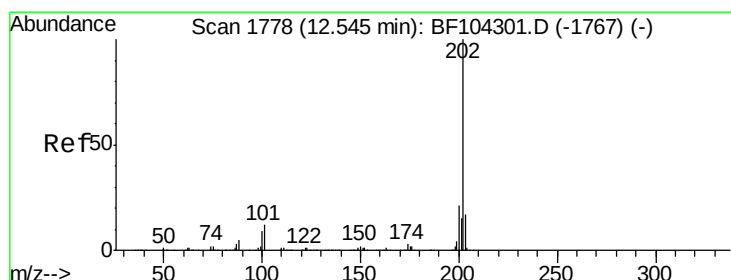
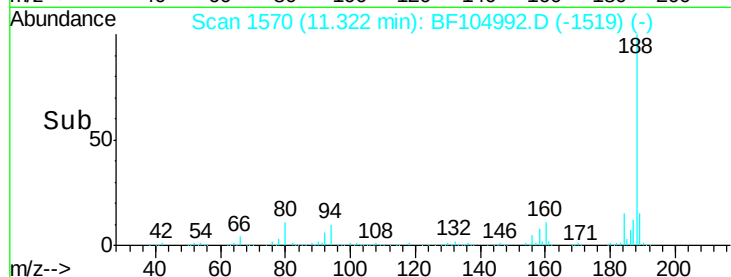
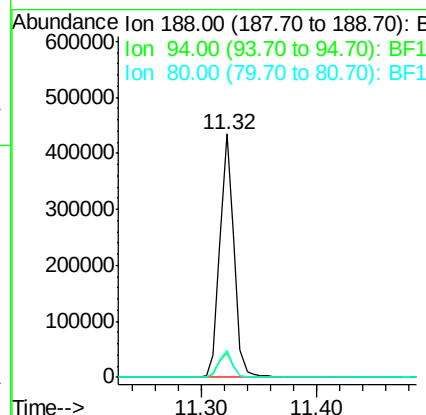
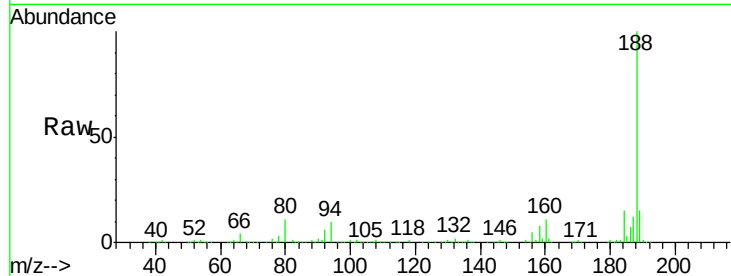
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF104992.D
 Acq: 1 May 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(0-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8

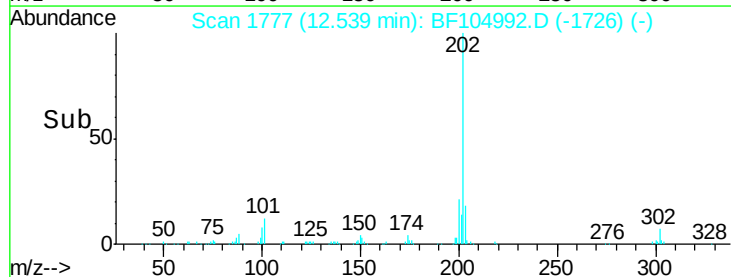
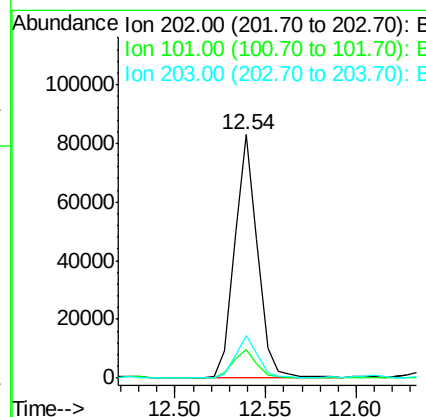
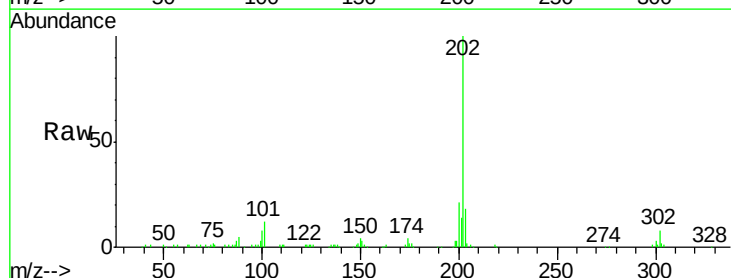
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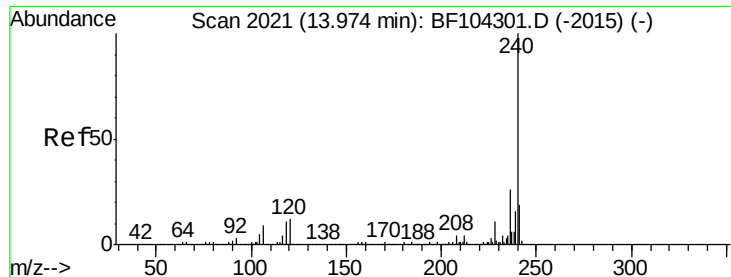
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#74
 Fluoranthene
 Concen: 3.393 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF104992.D
 Acq: 1 May 2018 19:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BF104992.D

Acq: 1 May 2018 19:01

Instrument :

BNA_F

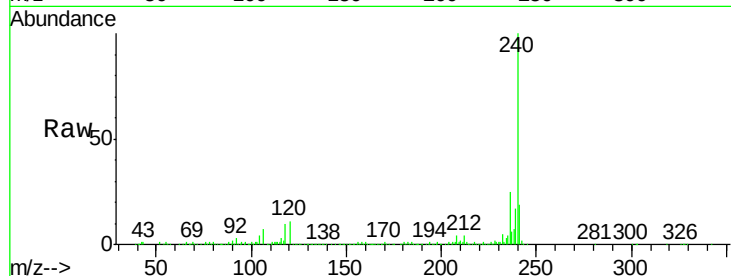
ClientSampleId :

EPE-MX-4(0-5)

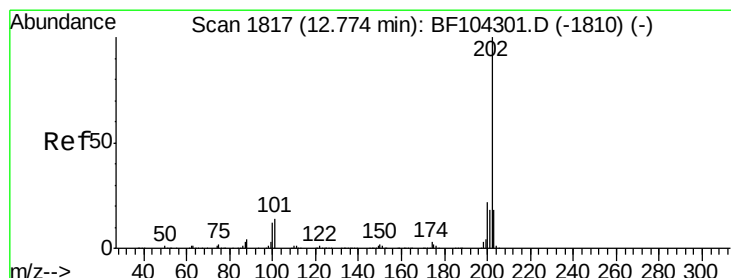
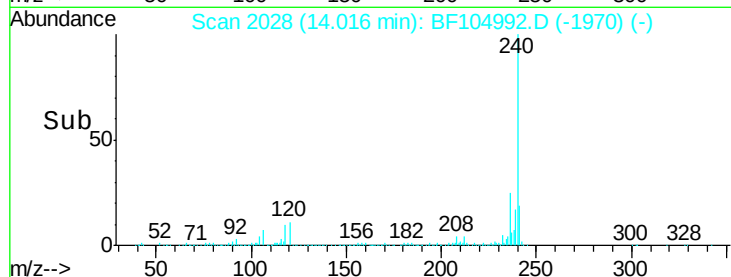
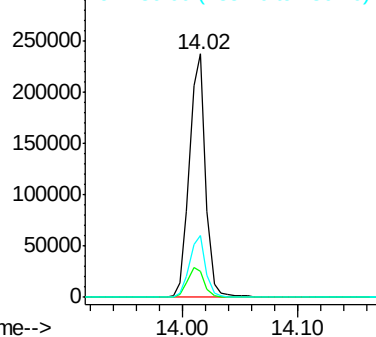
Tgt Ion:	240	Resp:	230914
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.220 ng

RT: 12.77 min Scan# 1816

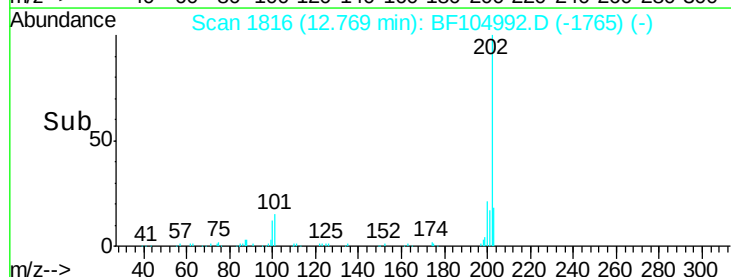
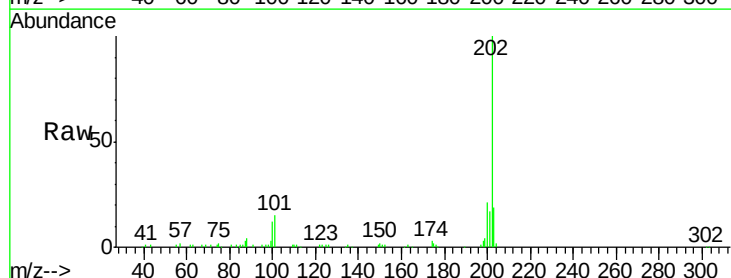
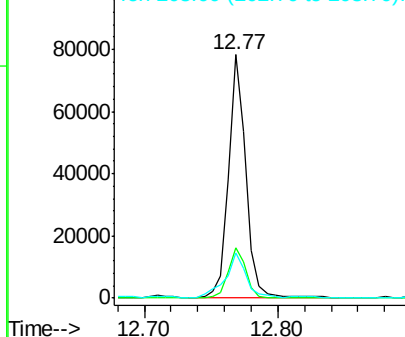
Delta R.T. 0.00 min

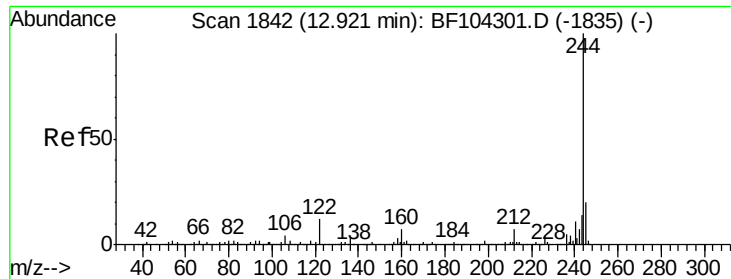
Lab File: BF104992.D

Acq: 1 May 2018 19:01

Tgt Ion:	202	Resp:	72223
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.5	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.233 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF104992.D

Acq: 1 May 2018 19:01

Instrument :

BNA_F

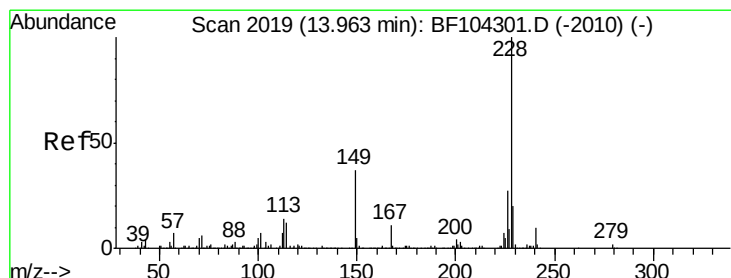
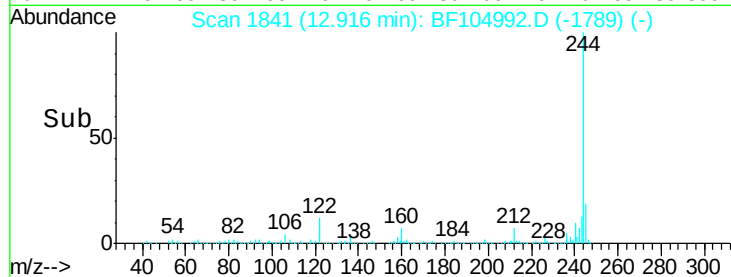
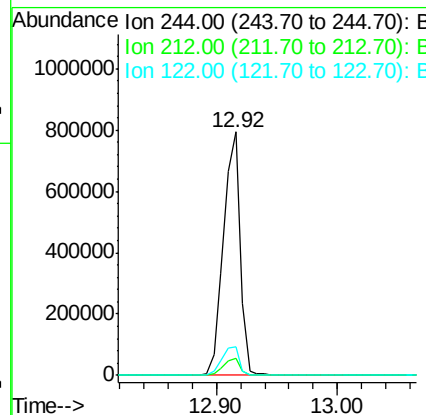
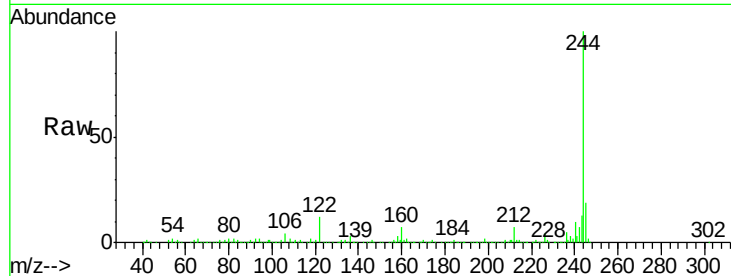
ClientSampleId :

EPE-MX-4(0-5)

Tgt Ion:	244	Resp:	751871
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.6	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 2.517 ng

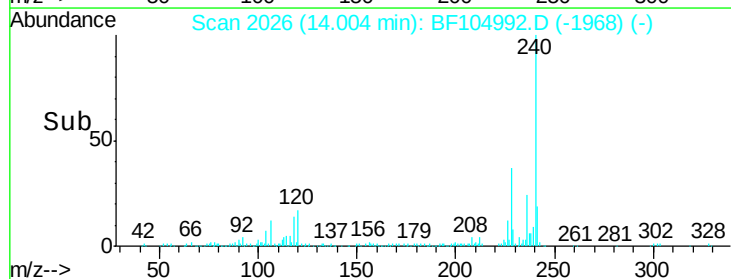
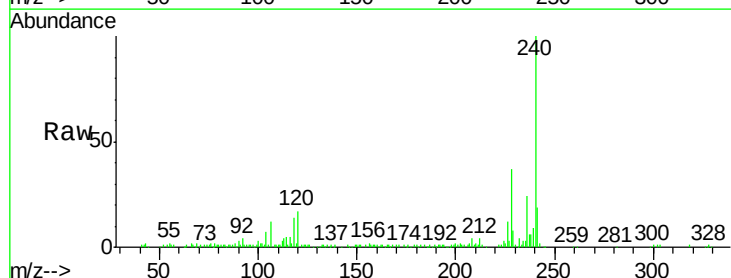
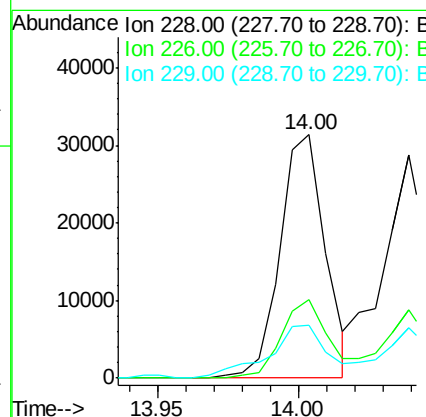
RT: 14.00 min Scan# 2026

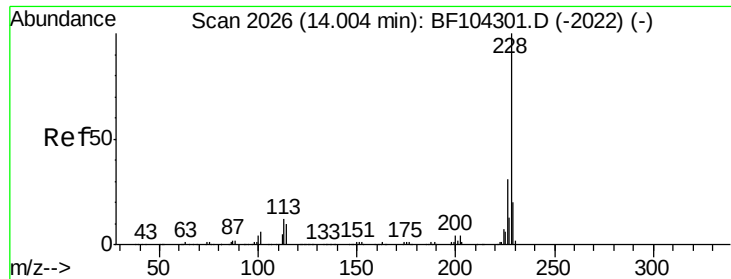
Delta R.T. 0.04 min

Lab File: BF104992.D

Acq: 1 May 2018 19:01

Tgt Ion:	228	Resp:	34722
Ion Ratio	Lower	Upper	
228	100		
226	32.3	22.6	33.8
229	21.6	15.8	23.6





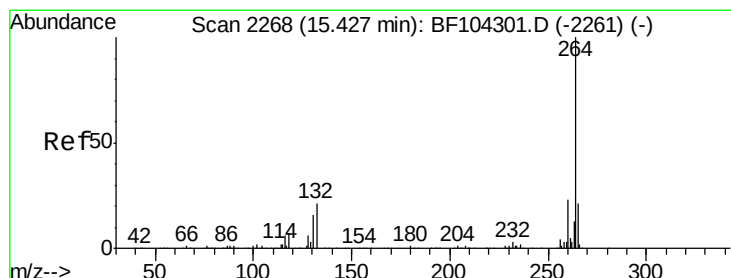
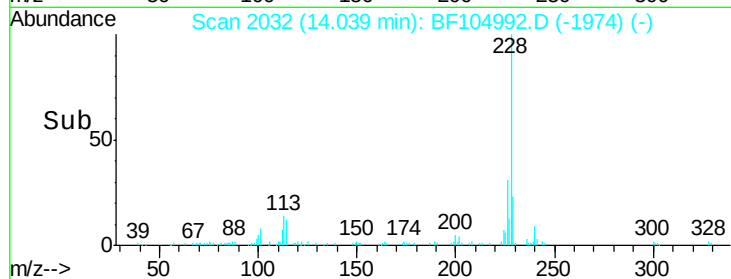
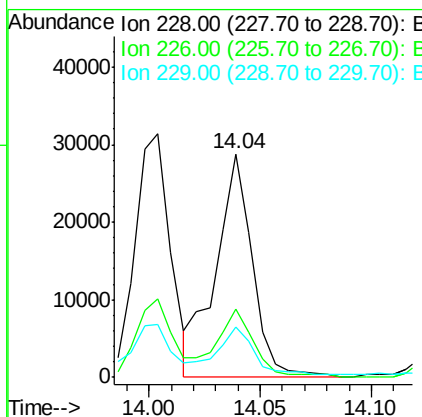
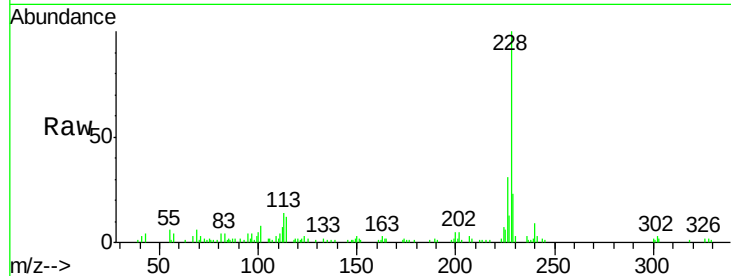
#82
Chrysene
Concen: 2.345 ng m
RT: 14.04 min Scan# 2032
Delta R.T. 0.04 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(0-5)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.8	16.2	24.4

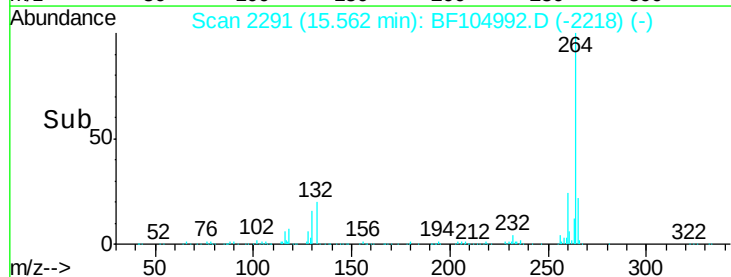
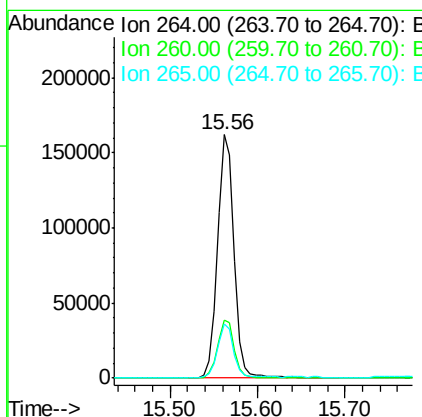
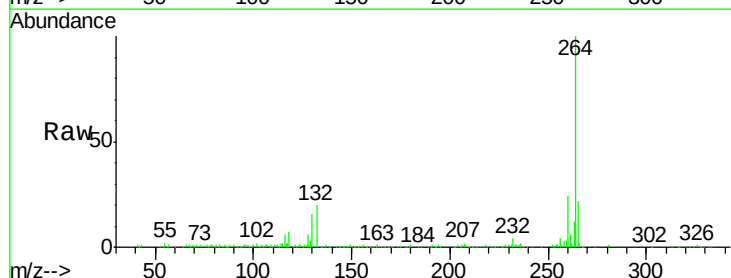
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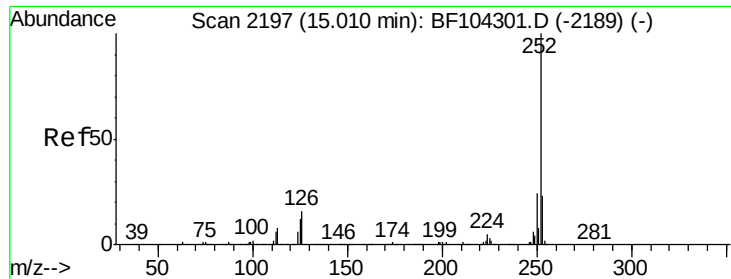
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.13 min
Lab File: BF104992.D
Acq: 1 May 2018 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3





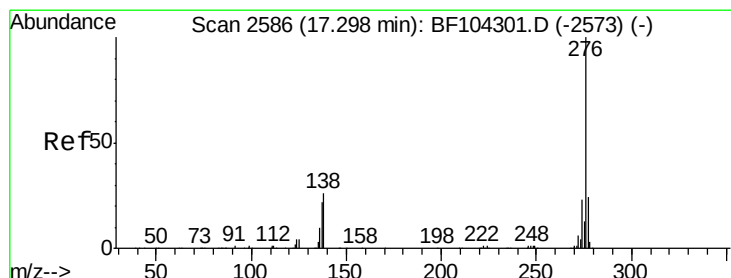
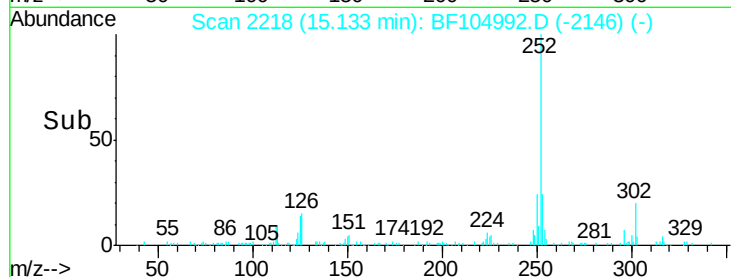
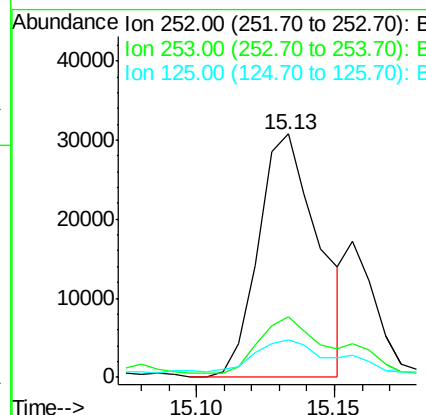
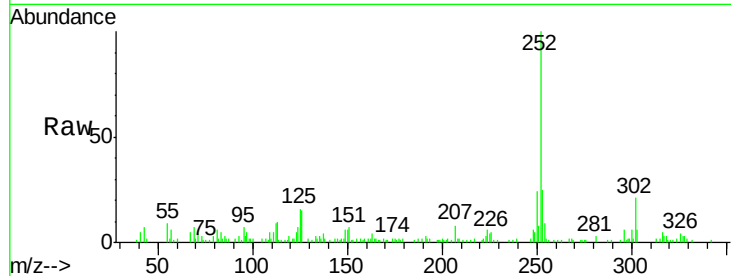
#87
 Benzo(b)fluoranthene
 Concen: 3.456 ng m
 RT: 15.13 min Scan# 2218
 Delta R.T. 0.12 min
 Lab File: BF104992.D
 Acq: 1 May 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(0-5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	15.7	9.0	13.6

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 2.023 ng
 RT: 17.49 min Scan# 2619
 Delta R.T. 0.15 min
 Lab File: BF104992.D
 Acq: 1 May 2018 19:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	27.3	21.8	32.8

