

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099613.D
 Acq On : 18 Oct 2017 13:17
 Operator : SJ/JU
 Sample : I5890-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENGERT-COMP-1

Manual Integrations
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Sohil
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Quant Time: Oct 18 15:38:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90296	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	412513	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	196594	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	337302	20.00	ng	0.00
75) Chrysene-d12	13.99	240	190602	20.00	ng	0.00
86) Perylene-d12	15.46	264	185409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	826400	145.69	ng	0.01
7) Phenol-d6	6.47	99	946826	135.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	533522	82.94	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	193228	120.12	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	791767	67.23	ng	0.00
78) Terphenyl-d14	12.93	244	535088	63.84	ng	0.00
Target Compounds						
10) Phenol	6.49	94	62157	7.943	ng	99
49) Dimethylphthalate	9.57	163	312927	21.090	ng	100
70) Phenanthrene	11.37	178	49809	2.759	ng	97
74) Fluoranthene	12.56	202	89771	4.910	ng	98
77) Pyrene	12.79	202	87736	6.037	ng	99
80) Benzo(a)anthracene	13.98	228	39567	3.428	ng	98
82) Chrysene	14.02	228	35312	3.214	ng	97
85) Indeno(1,2,3-cd)pyrene	16.93	276	27615	3.142	ng	93
87) Benzo(b)fluoranthene	15.03	252	48025m	4.213	ng	
89) Benzo(a)pyrene	15.40	252	36113	3.451	ng	# 91
91) Benzo(a,h,i)perylene	17.38	276	28202	3.407	ng	# 92

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

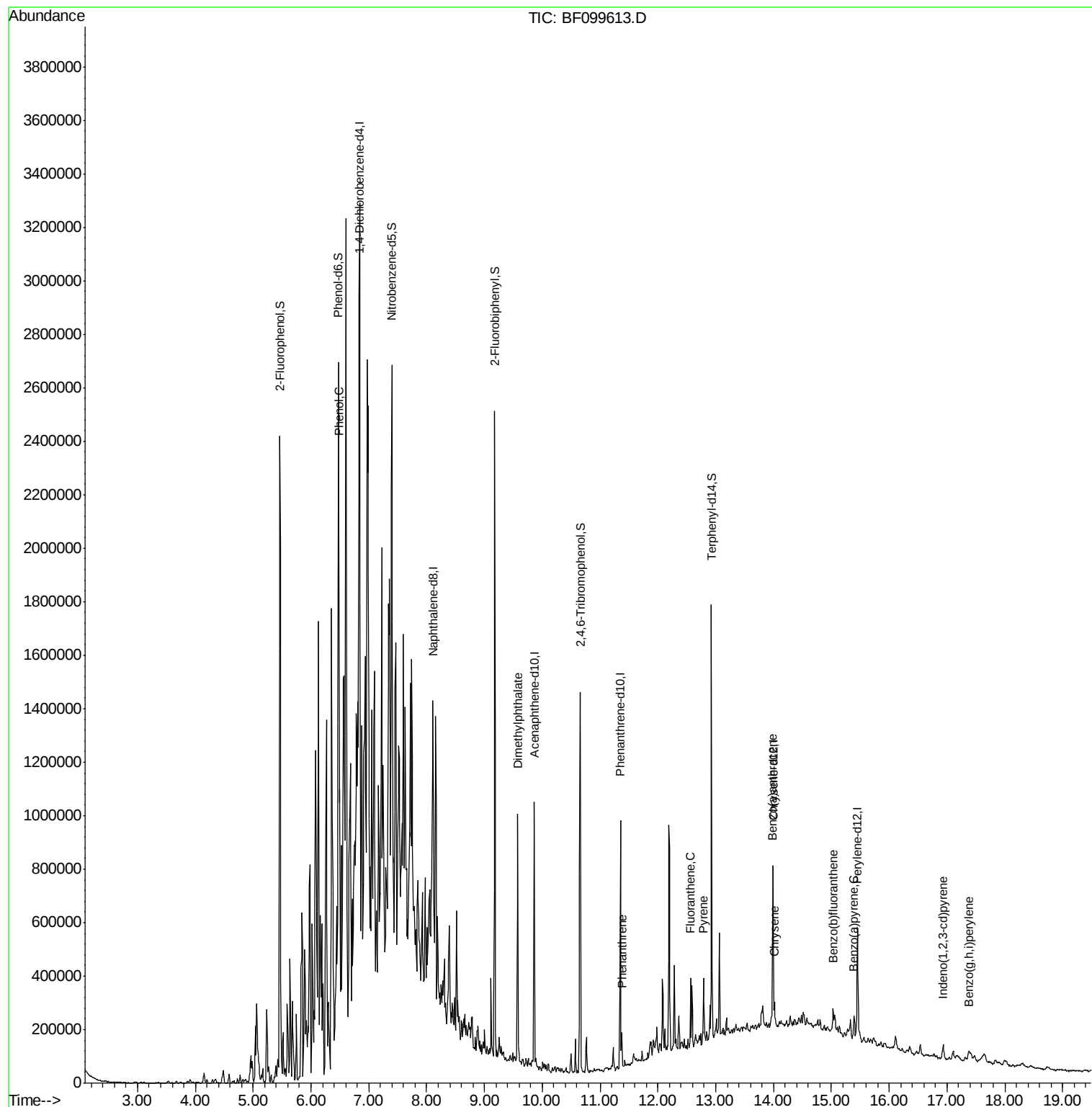
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099613.D
Acq On : 18 Oct 2017 13:17
Operator : SJ/JU
Sample : I5890-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

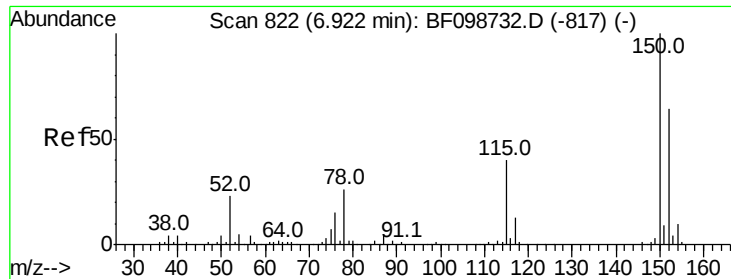
Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

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#1

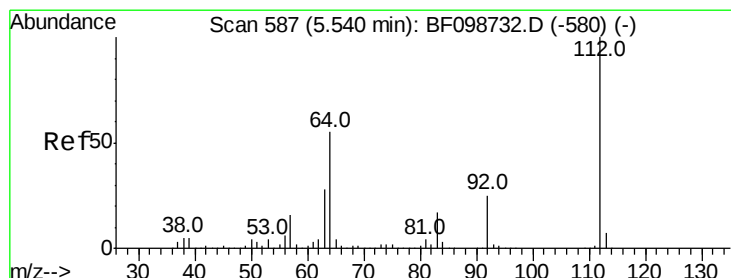
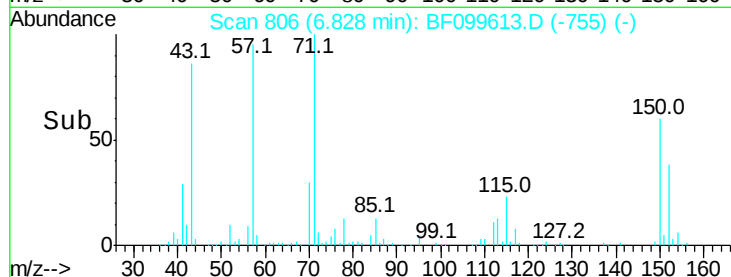
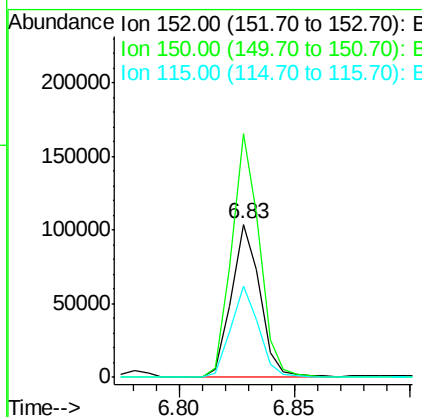
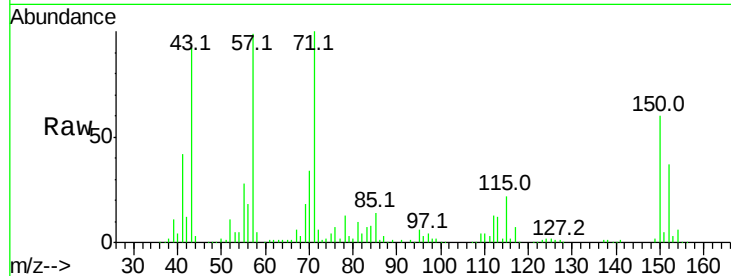
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	59.9	50.1	75.1

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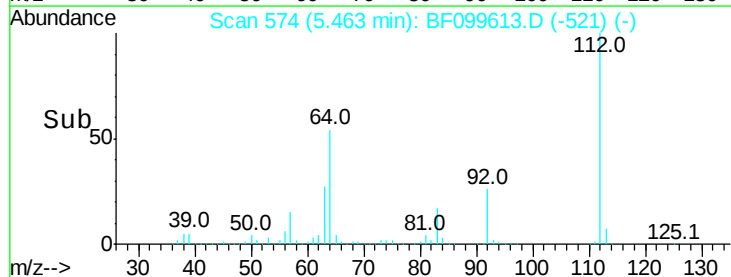
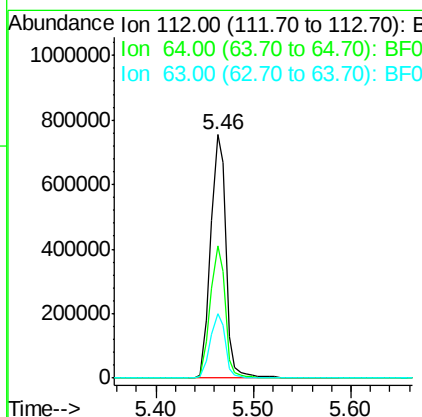
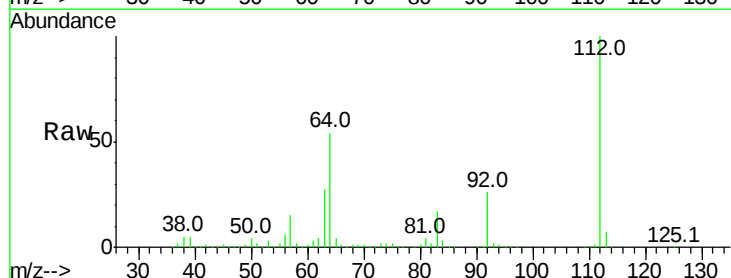
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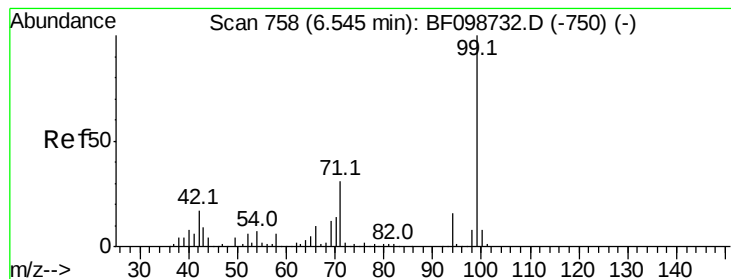


#5

2-Fluorophenol
Concen: 145.693 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	26.5	23.7	35.5





#7

Phenol-d6

Concen: 135.313 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099613.D

Acq: 18 Oct 2017 13:17

Instrument :

BNA_F

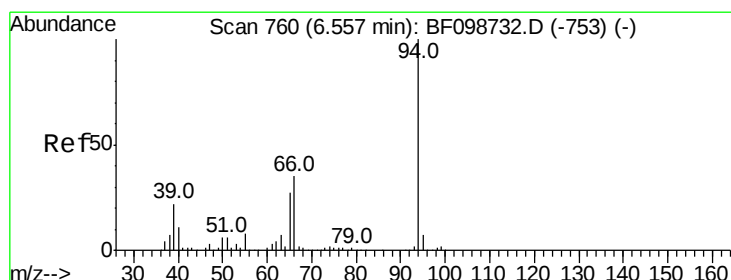
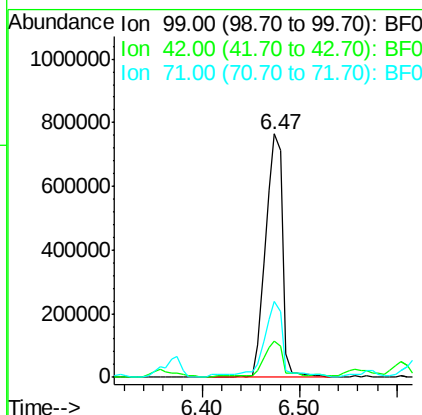
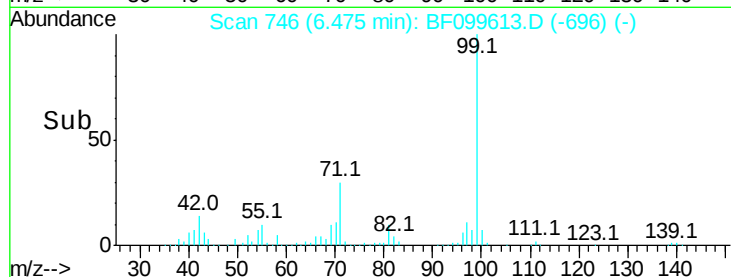
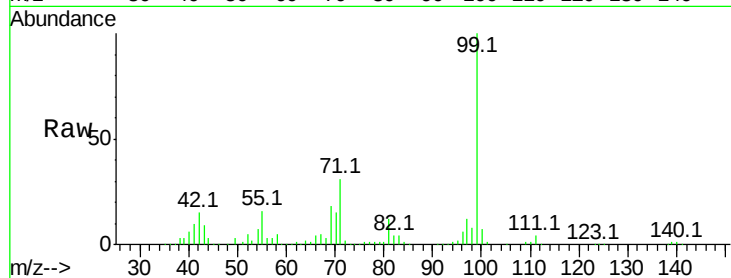
ClientSampleId :

ENGERT-COMP-1

Tot Ion:	99	Resp:	946826
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	31.3	25.4	38.0

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#10

Phenol

Concen: 7.943 ng

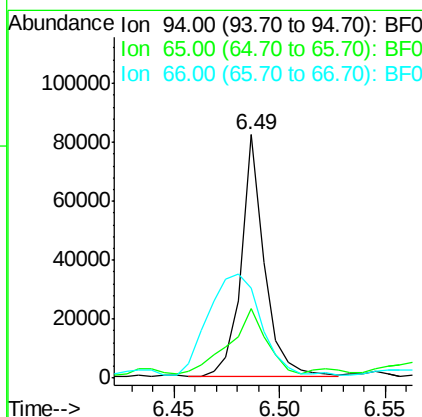
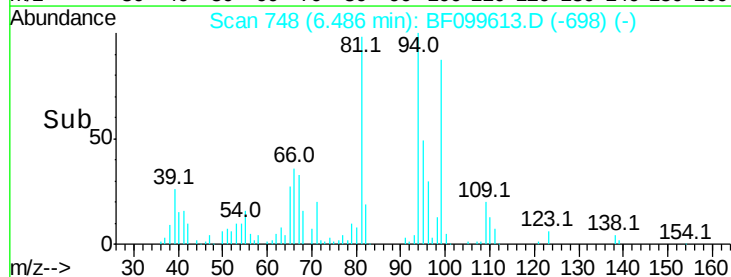
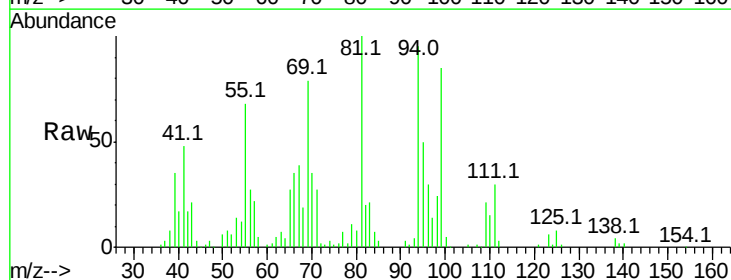
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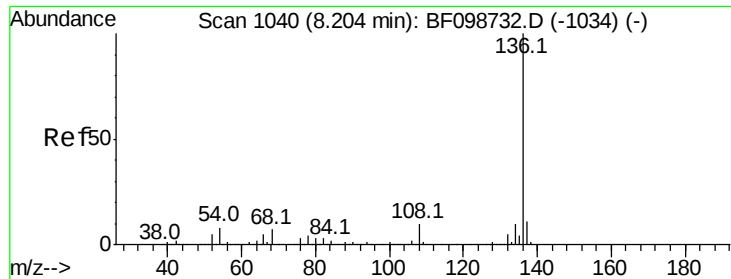
Delta R.T. -0.01 min

Lab File: BF099613.D

Acq: 18 Oct 2017 13:17

Tgt Ion:	94	Resp:	62157
Ion Ratio	Lower	Upper	
94	100		
65	28.8	7.9	47.9
66	37.0	16.2	56.2





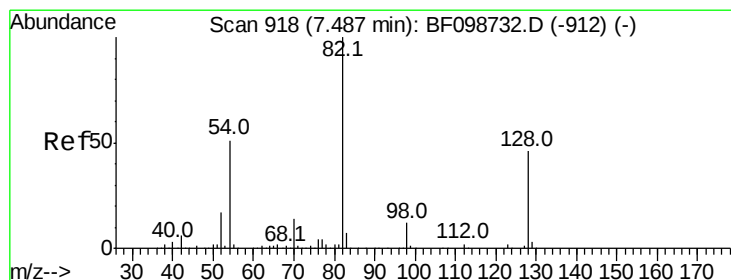
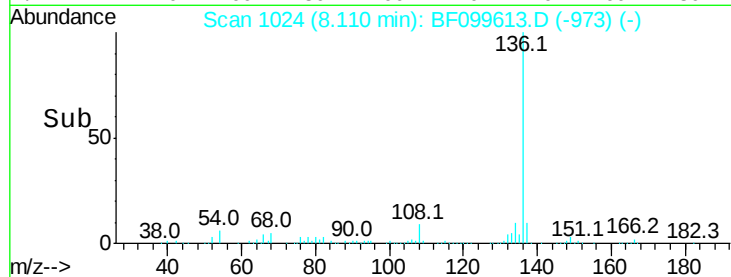
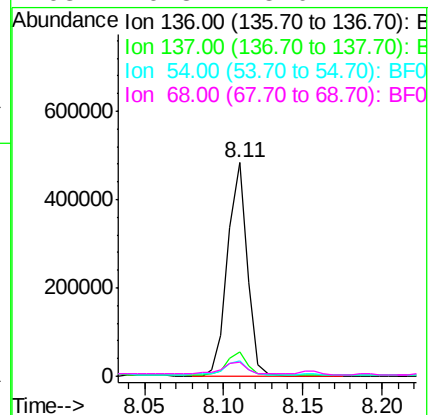
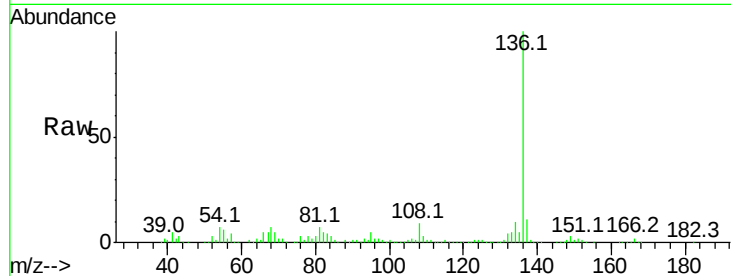
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.3	6.6	9.8	
68	6.8	5.0	7.4	

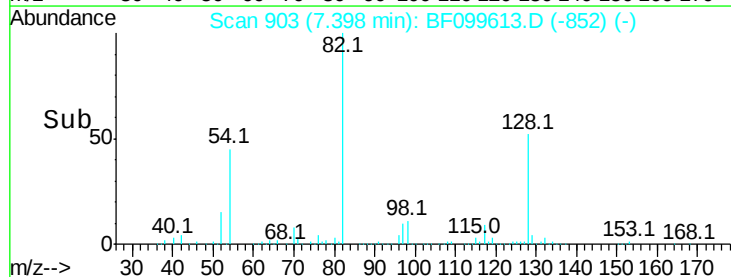
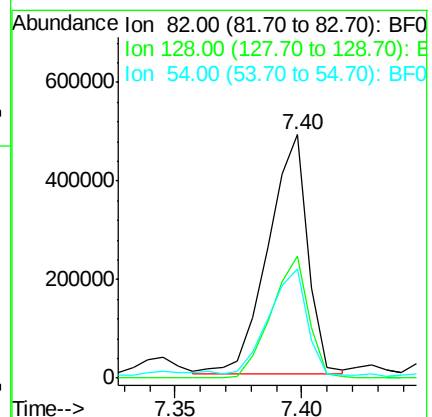
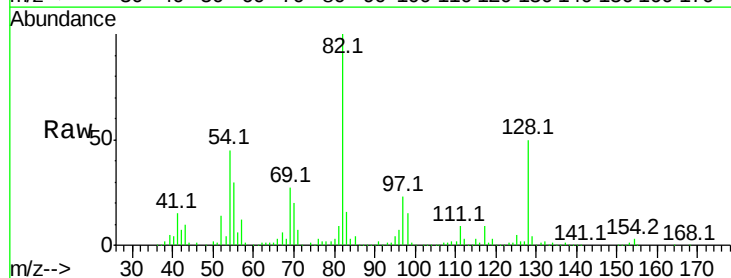
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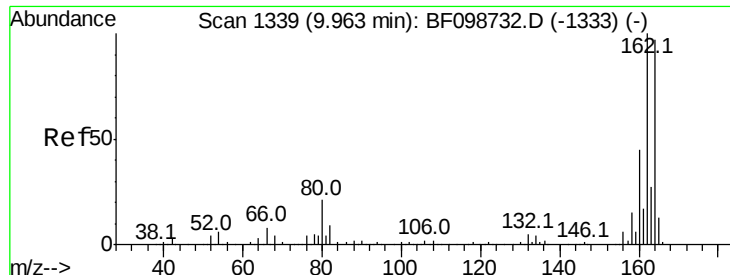
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#23
Nitrobenzene-d5
Concen: 82.942 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.9	36.1	54.1	
54	44.8	41.4	62.2	





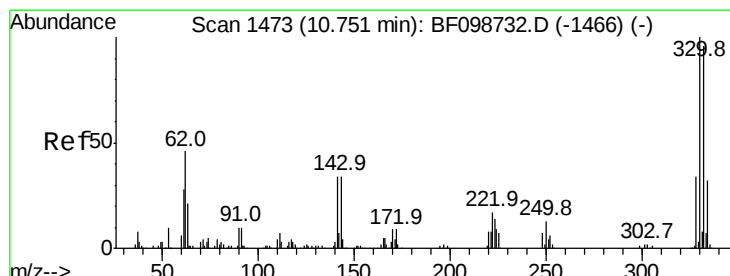
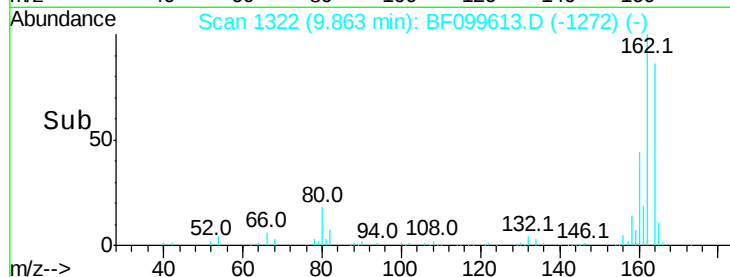
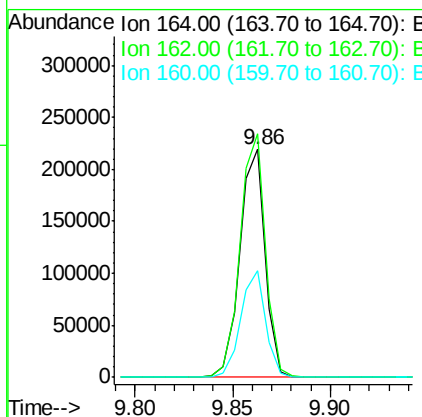
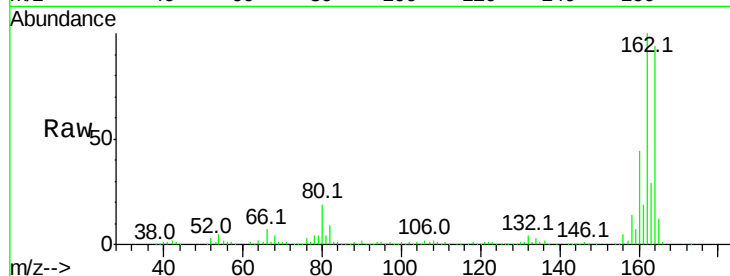
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099613.D
 Acq: 18 Oct 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 ENGERT-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	196594		
162	106.9	86.1	129.1	
160	47.1	38.3	57.5	

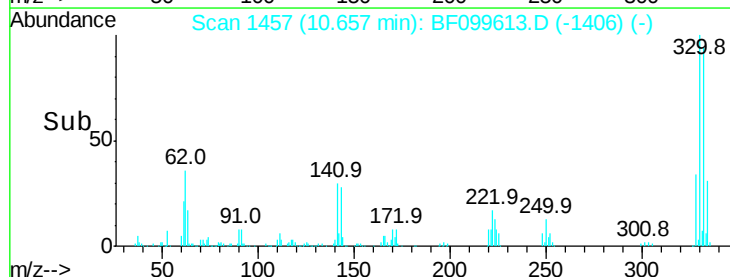
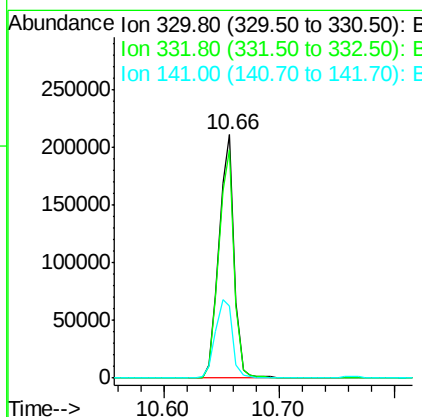
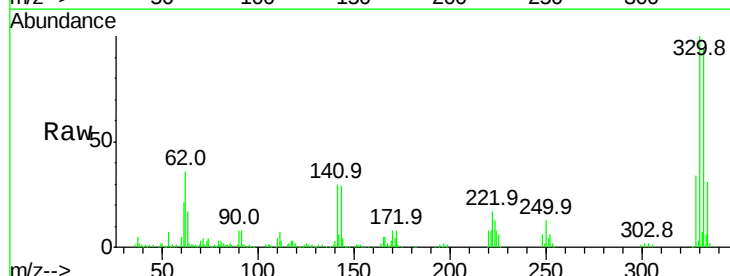
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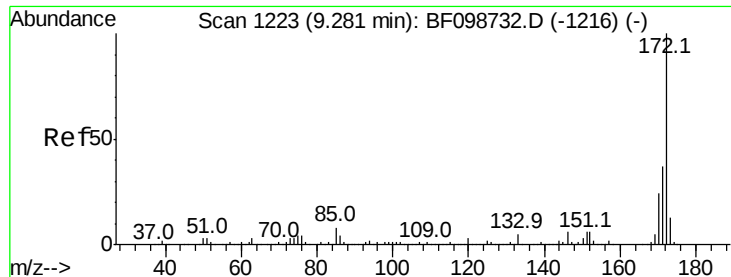
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#41
 2,4,6-Tribromophenol
 Concen: 120.116 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099613.D
 Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	193228		
332	95.1	77.0	115.6	
141	37.0	29.9	44.9	





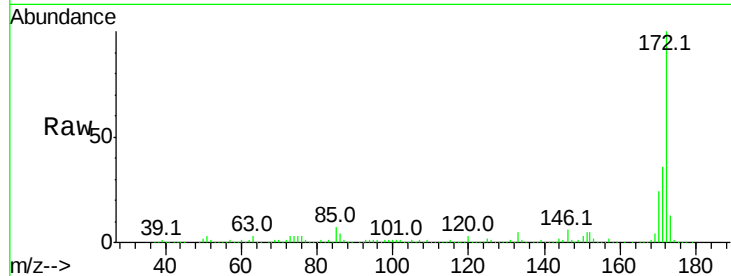
#44
2-Fluorobiphenyl
Concen: 67.234 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	791767		
171	36.3	29.7	44.5	
170	23.7	19.6	29.4	

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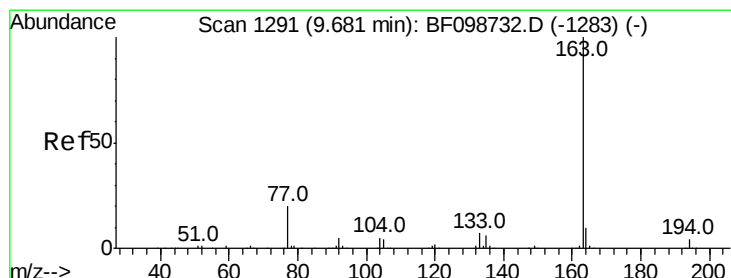
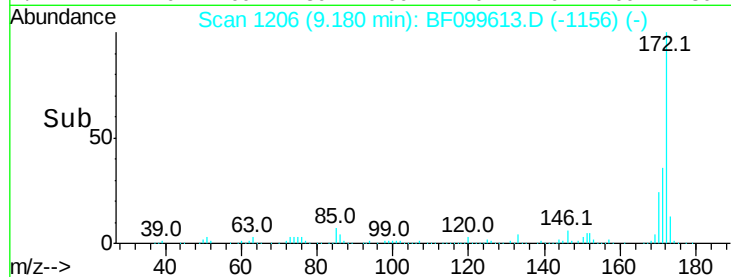
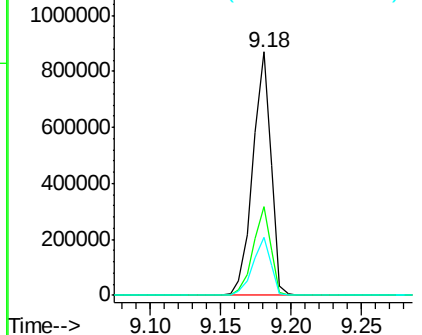


Abundance

Ion 172.00 (171.70 to 172.70): E

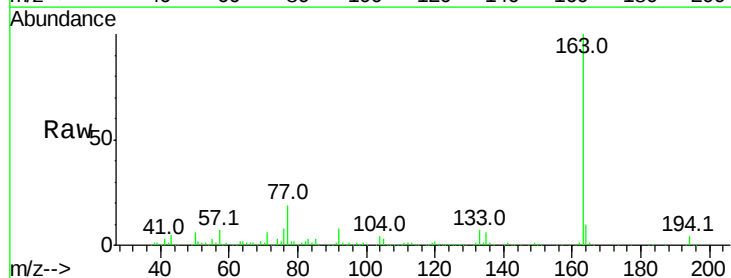
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 21.090 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	312927		
194	3.5	2.7	4.1	
164	10.4	8.2	12.2	

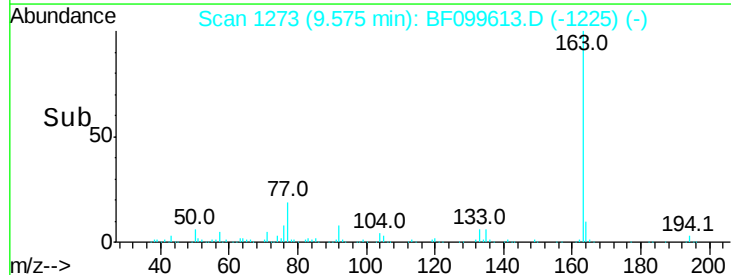
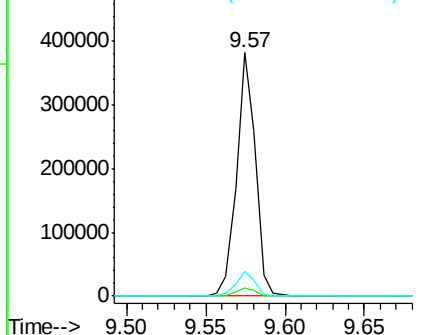


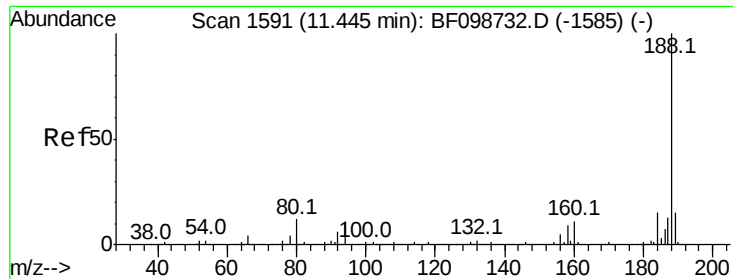
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





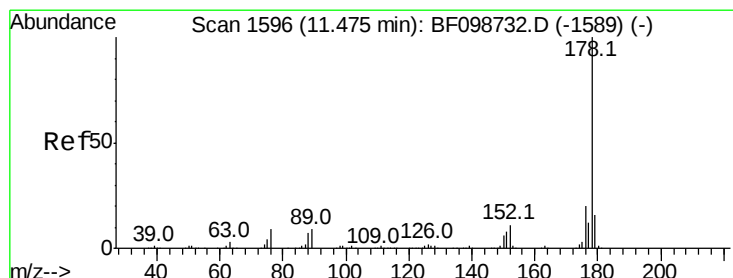
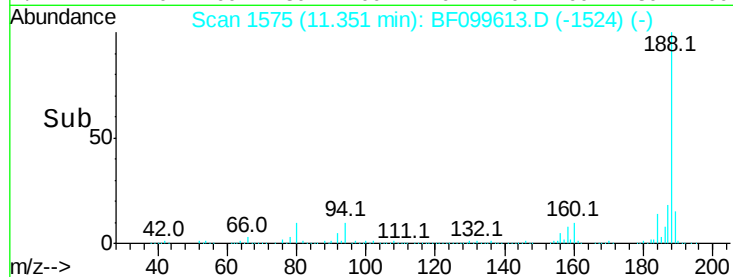
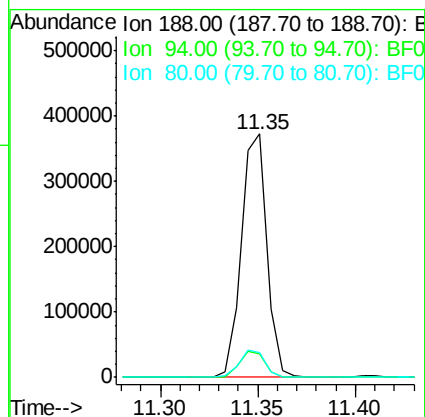
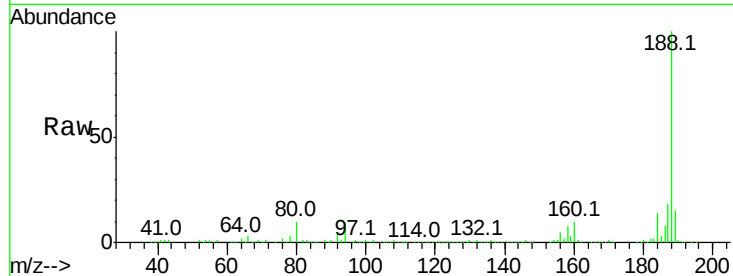
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8

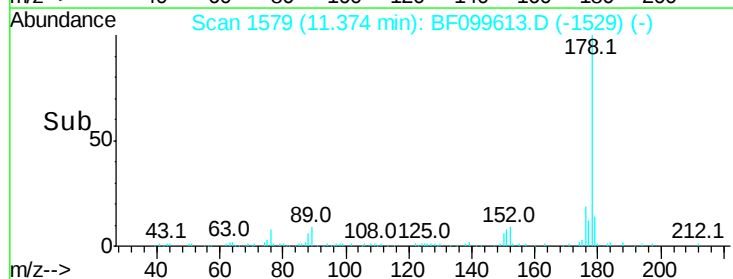
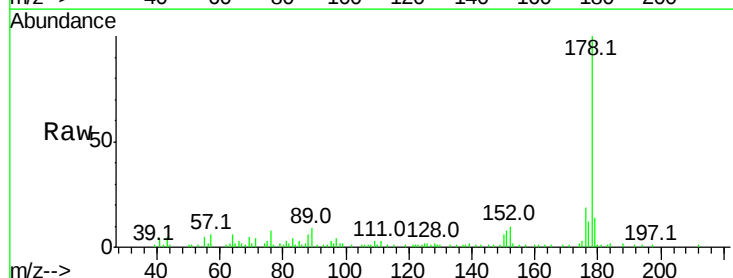
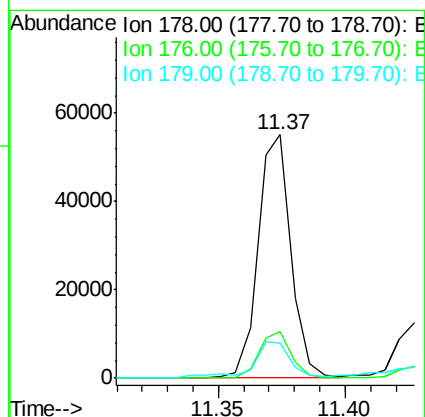
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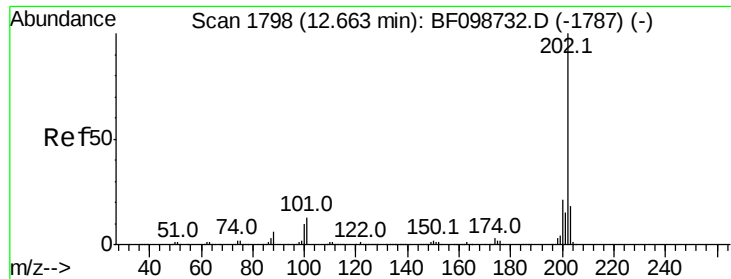
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#70
Phenanthrene
Concen: 2.759 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.3	13.0	19.6





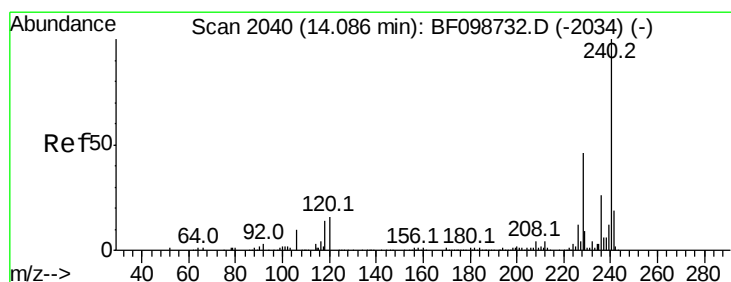
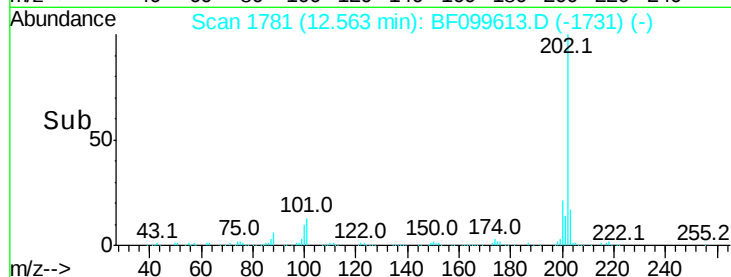
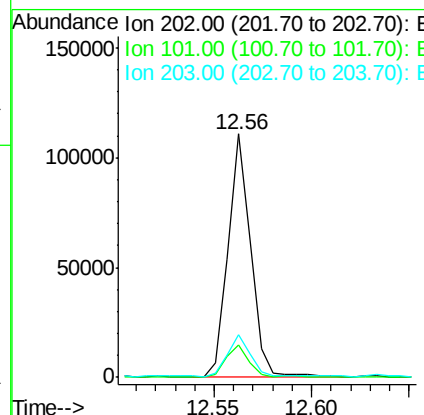
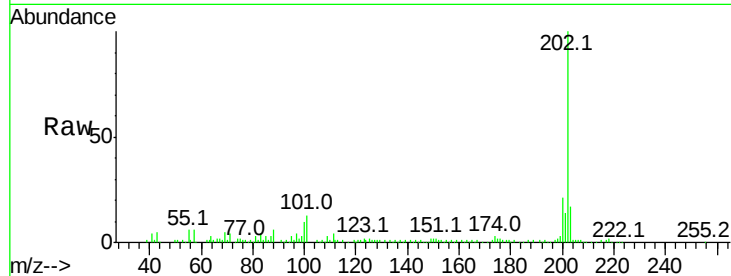
#74
Fluoranthene
Concen: 4.910 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.4	0.0	38.1

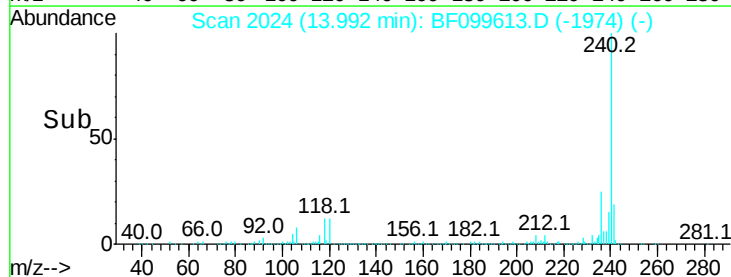
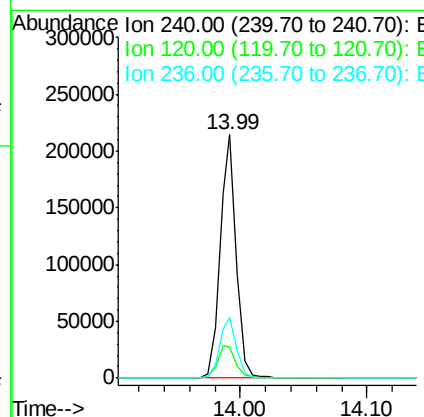
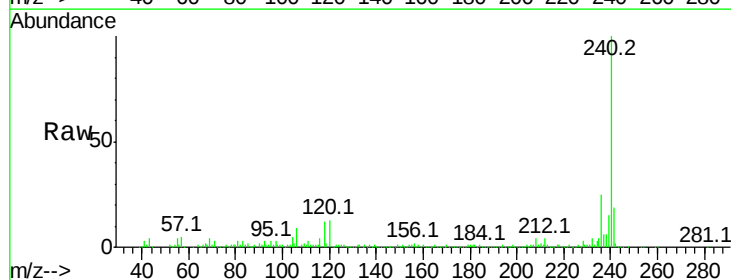
Manual Integrations
APPROVED

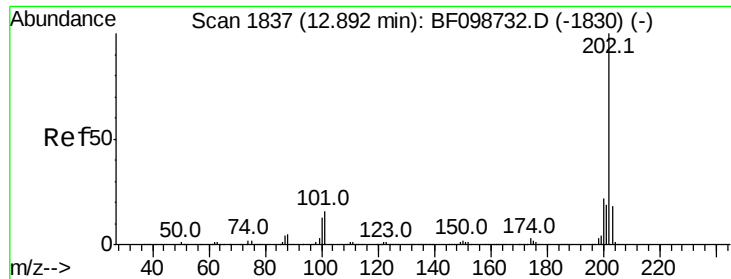
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.1	20.7	31.1





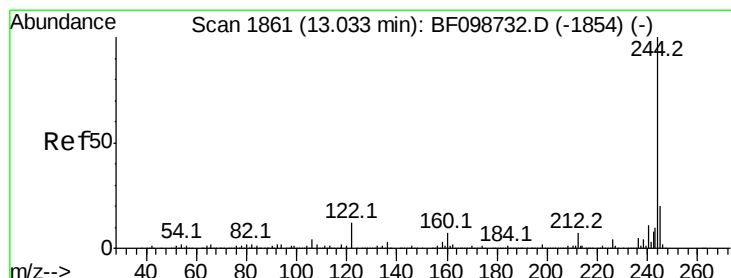
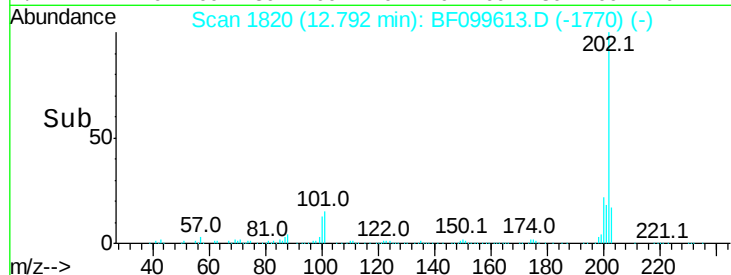
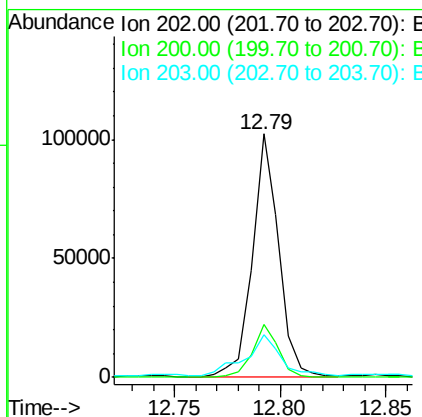
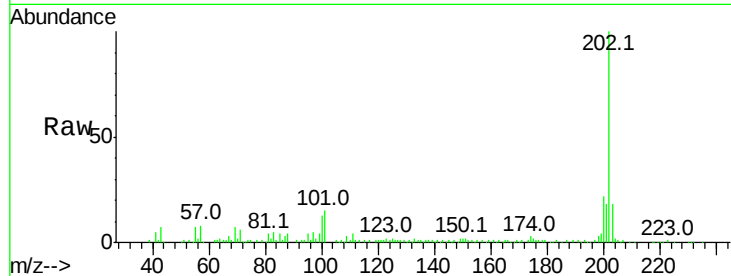
#77
Pvrene
Concen: 6.037 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

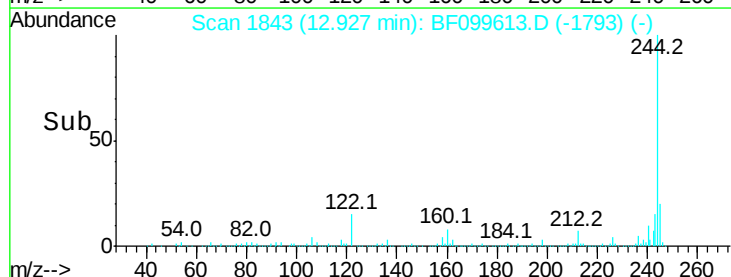
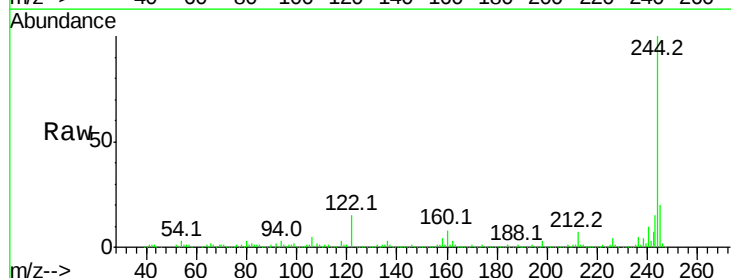
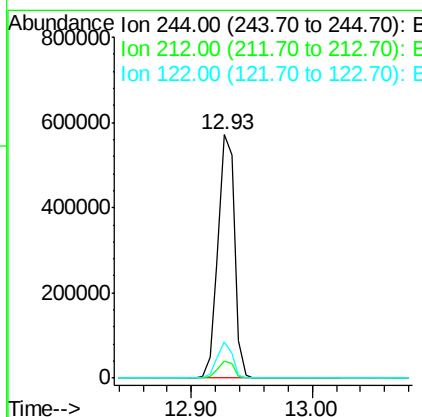
Manual Integrations
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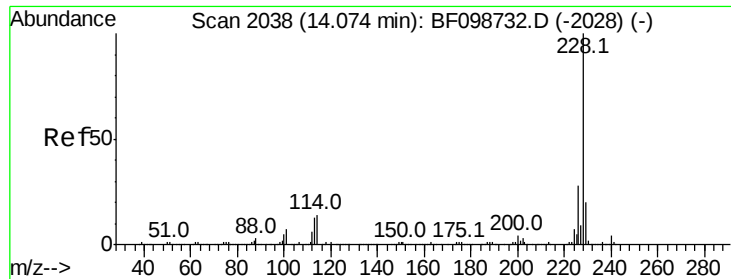
Sohil
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#78
Terphenyl-d14
Concen: 63.845 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4





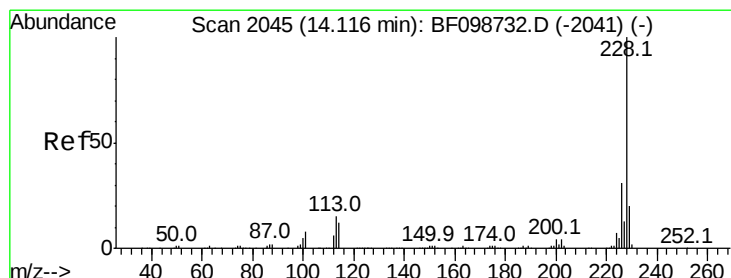
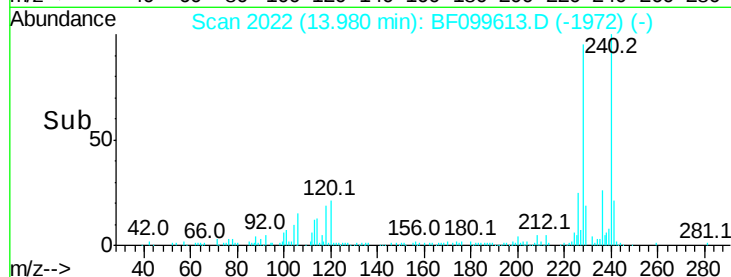
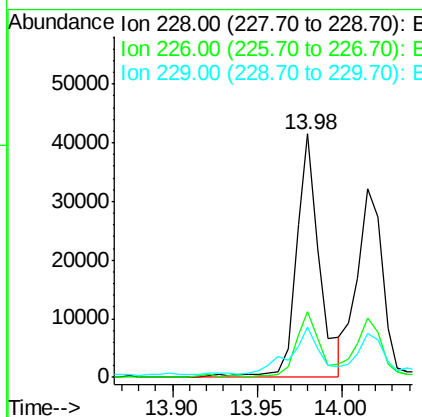
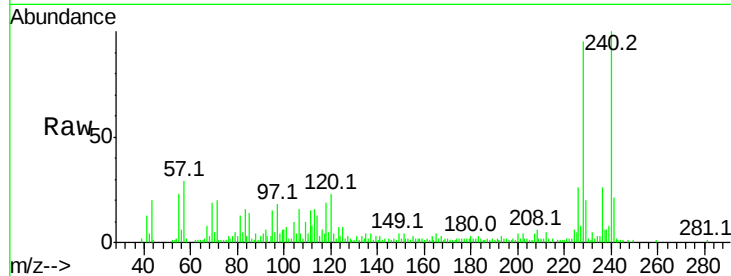
#80
Benzo(a)anthracene
Concen: 3.428 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.9	15.8	23.6

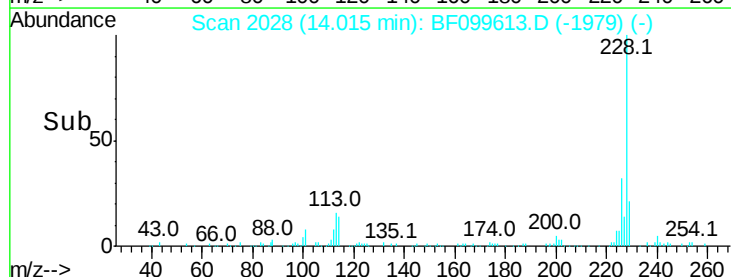
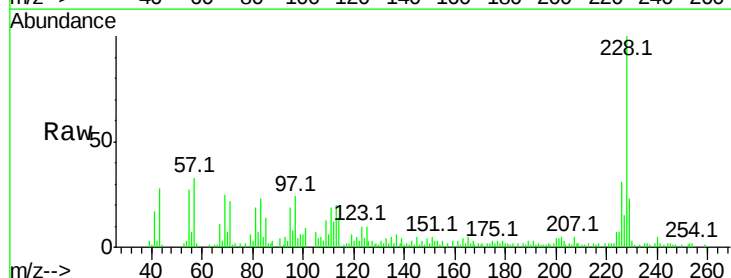
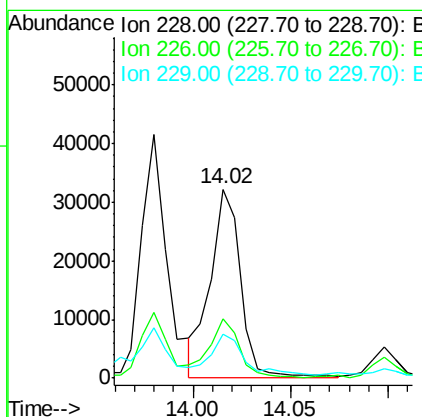
Manual Integrations
APPROVED

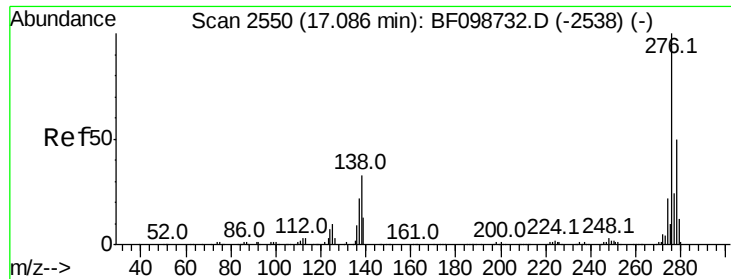
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#82
Chrysene
Concen: 3.214 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.4	16.2	24.4





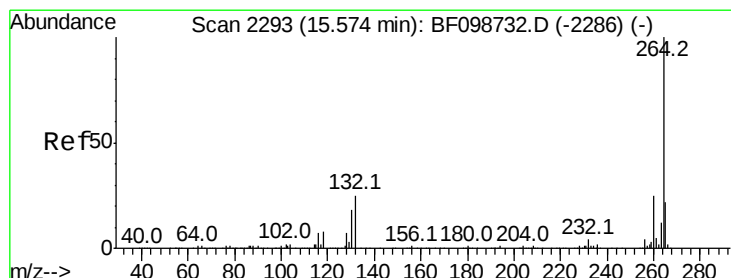
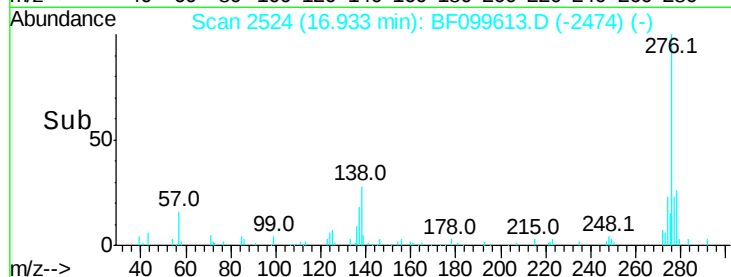
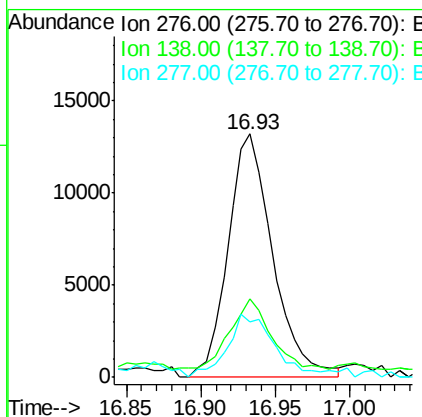
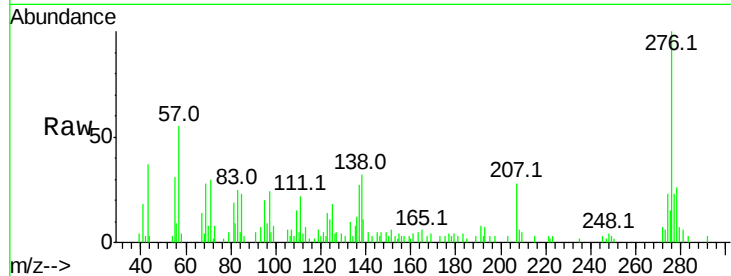
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.142 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.0	37.6
277	27.0	20.1	30.1

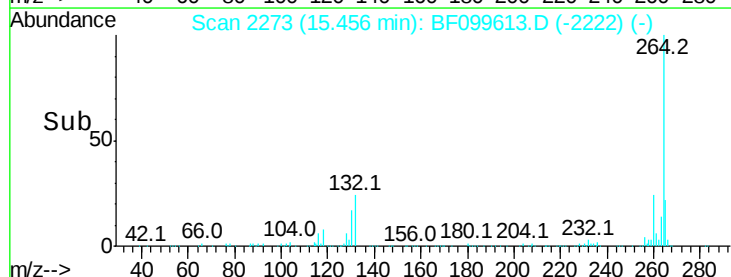
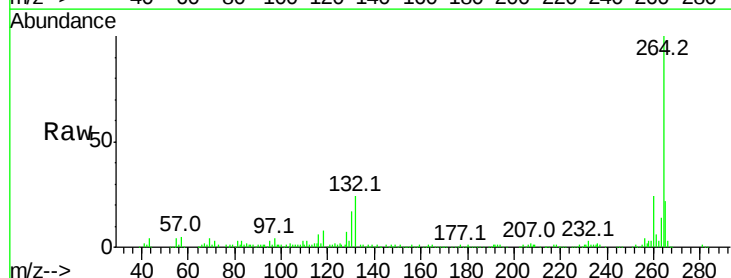
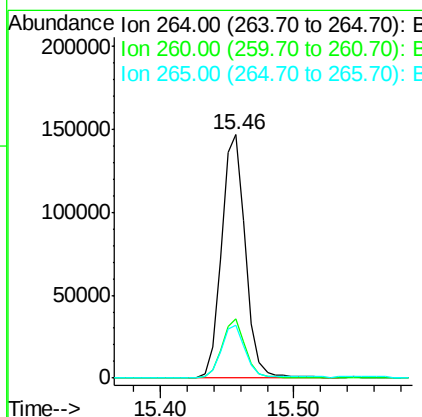
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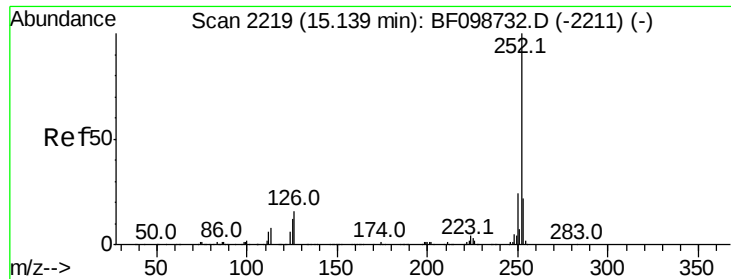
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3





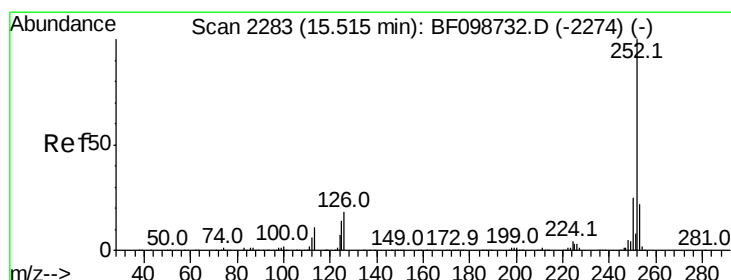
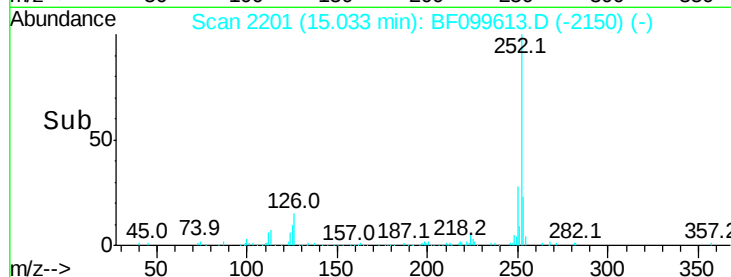
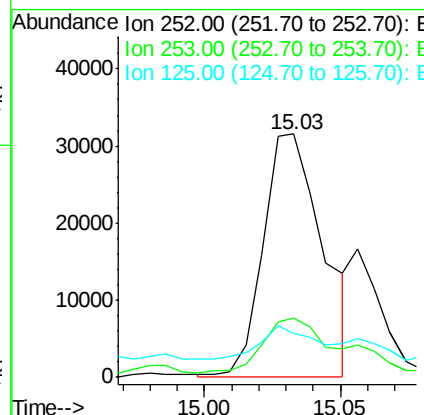
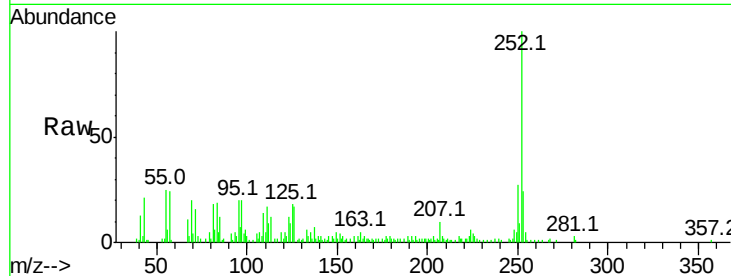
#87
Benzo(b)fluoranthene
Concen: 4.213 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :
ENGERT-COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	18.0	9.0	13.6

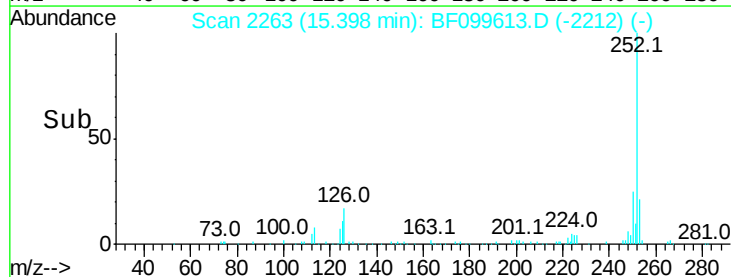
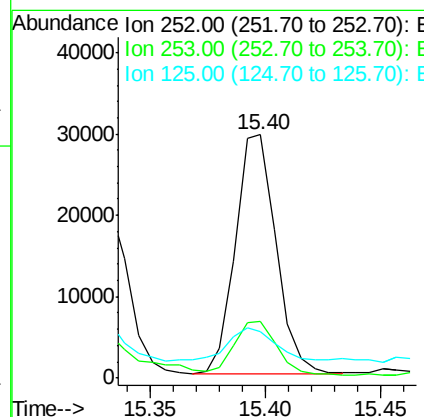
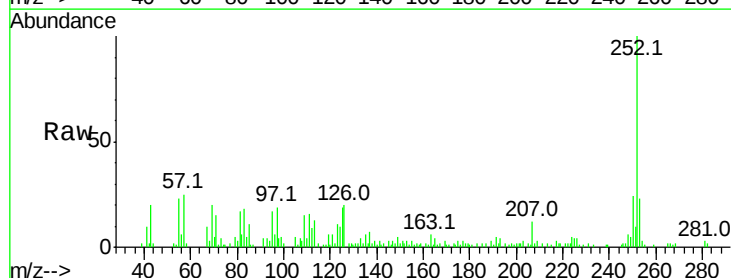
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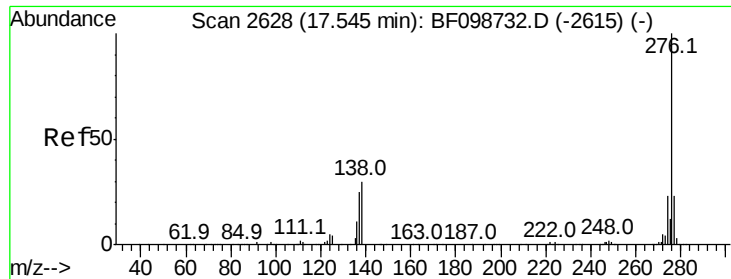
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#89
Benzo(a)pyrene
Concen: 3.451 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF099613.D
Acq: 18 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	19.0	9.8	14.6





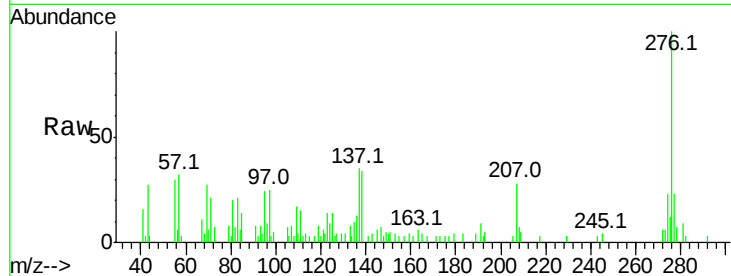
#91
 Benzo(a,h,i)perylene
 Concen: 3.407 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.01 min
 Lab File: BF099613.D
 Acq: 18 Oct 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :
 ENGERT-COMP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	34.1	21.8	32.8

Manual Integrations
 APPROVED

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

