

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104634.D
 Acq On : 19 Apr 2018 18:05
 Operator : JU/SJ
 Sample : J2439-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CDMF-B3-0-6

Manual Integrations
 APPROVED

Sohil
 4/20/2018 3:05:17 PM

Quant Time: Apr 20 01:13:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122961	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	477381	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	194803	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	300274	20.00	ng	0.00
75) Chrysene-d12	13.97	240	270777	20.00	ng	-0.01
86) Perylene-d12	15.44	264	283476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	351623	43.73	ng	0.00
7) Phenol-d6	6.43	99	418152	42.32	ng	-0.01
23) Nitrobenzene-d5	7.36	82	249277	34.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	81388	40.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	470655	38.17	ng	-0.01
78) Terphenyl-d14	12.92	244	365771	30.80	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	9.70	152	63362	3.124	ng	98
49) Dimethylphthalate	9.56	163	41617	2.709	ng	99
70) Phenanthrene	11.35	178	135167	8.083	ng	98
71) Anthracene	11.40	178	48261	2.839	ng	98
74) Fluoranthene	12.54	202	376276	21.537	ng	97
77) Pyrene	12.77	202	379531	18.909	ng	98
80) Benzo(a)anthracene	13.96	228	263260	16.274	ng	94
82) Chrysene	14.00	228	242414	14.589	ng	98
85) Indeno(1,2,3-cd)pyrene	16.89	276	161649	11.452	ng	# 92
87) Benzo(b)fluoranthene	15.02	252	366690m	20.481	ng	
88) Benzo(k)fluoranthene	15.04	252	137721m	8.148	ng	
89) Benzo(a)pyrene	15.38	252	267112	16.674	ng	97
90) Dibenzo(a,h)anthracene	16.90	278	41204	3.132	ng	# 90
91) Benzo(g,h,i)perylene	17.33	276	147358	11.560	ng	97

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

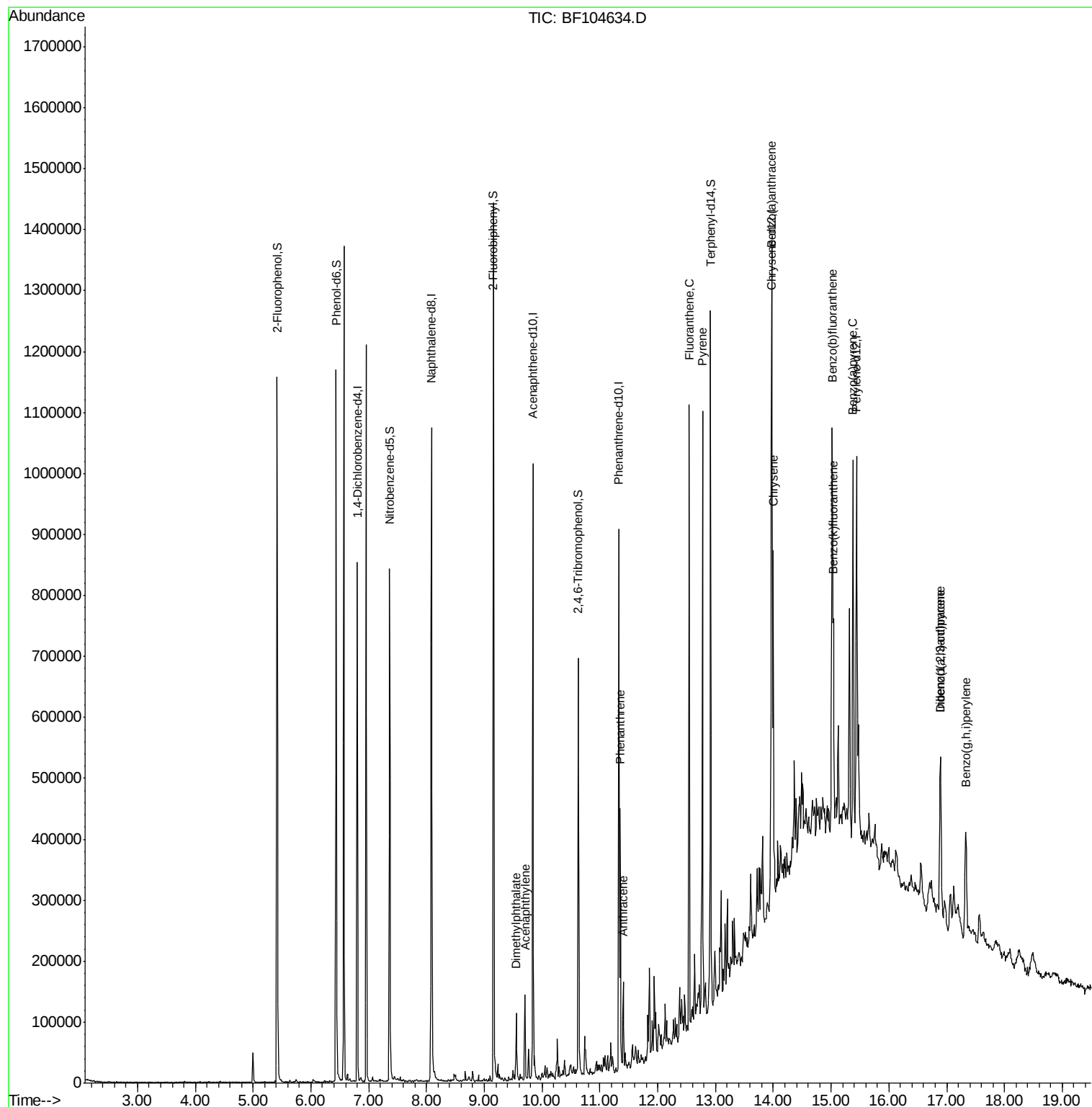
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104634.D
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Operator : JU/SJ
Sample : J2439-01 2X
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ALS Vial : 4 Sample Multiplier: 1

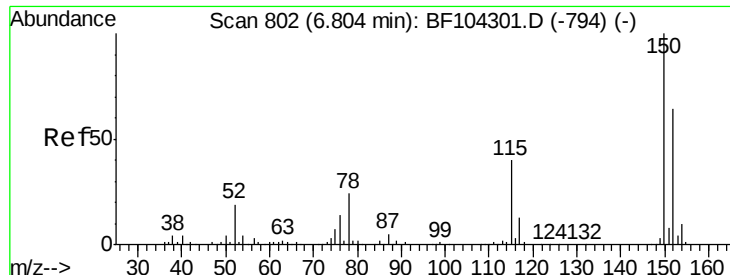
Instrument :
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Quant Time: Apr 20 01:13:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

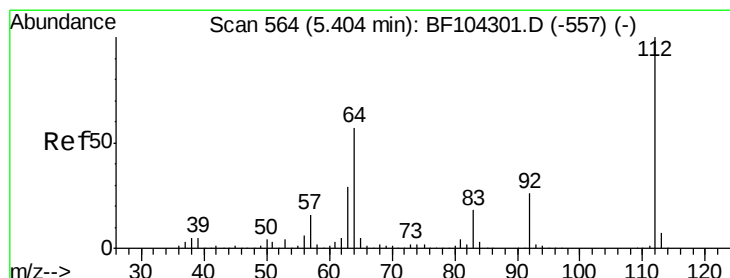
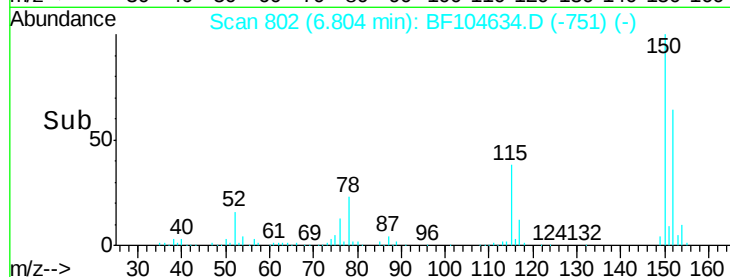
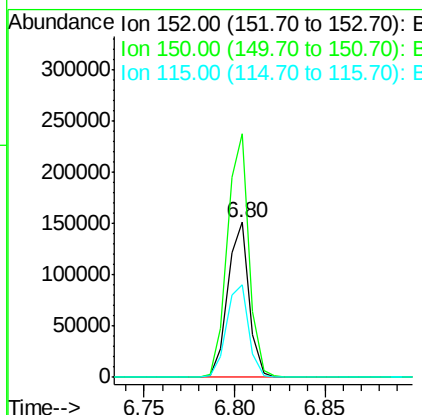
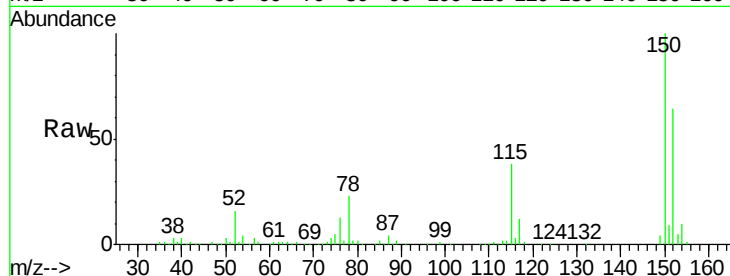
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Instrument :
BNA_F
ClientSampleId :
CDMP-B3-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.0	50.1	75.1

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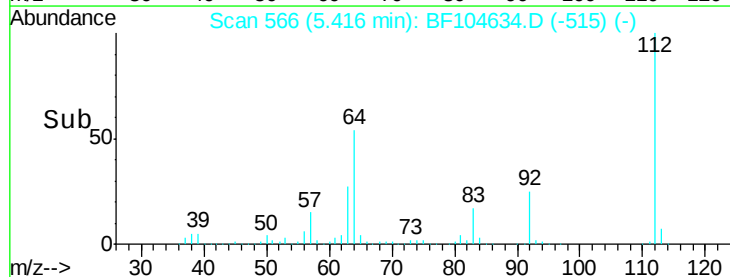
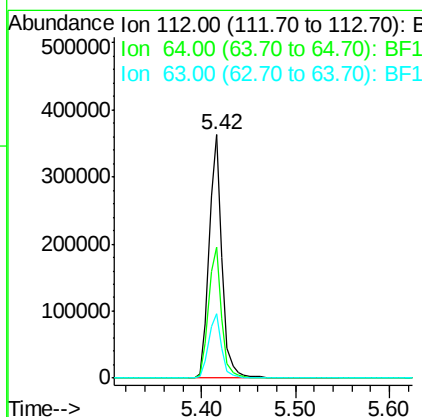
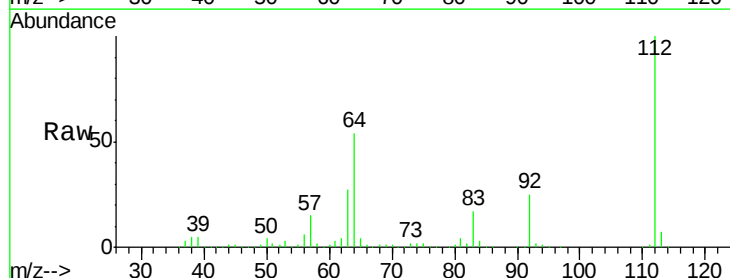
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#5

2-Fluorophenol
Concen: 43.725 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 42.321 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104634.D

Acq: 19 Apr 2018 18:05

Instrument :

BNA_F

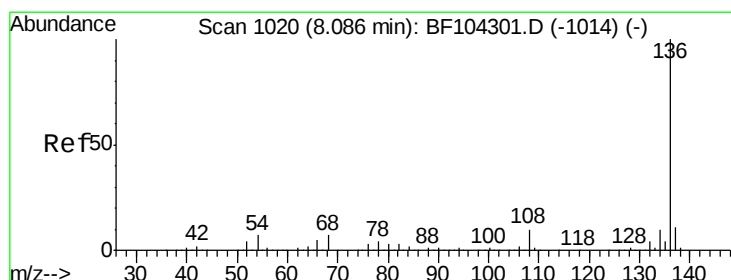
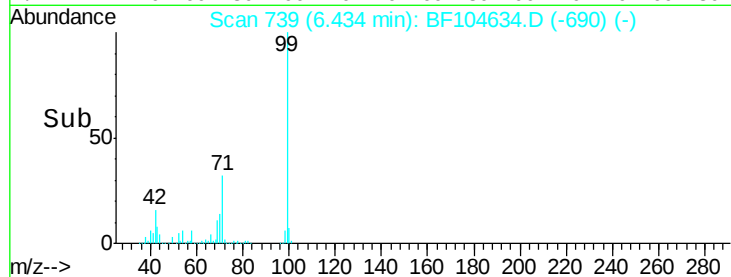
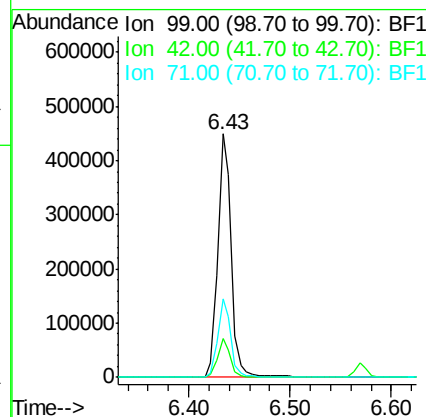
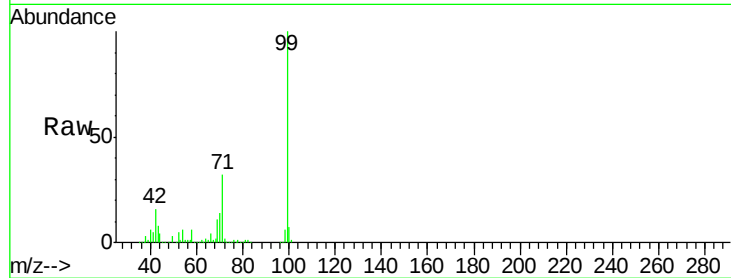
ClientSampleId :

CDMP-B3-0-6

Tot Ion:	99	Resp:	418152
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

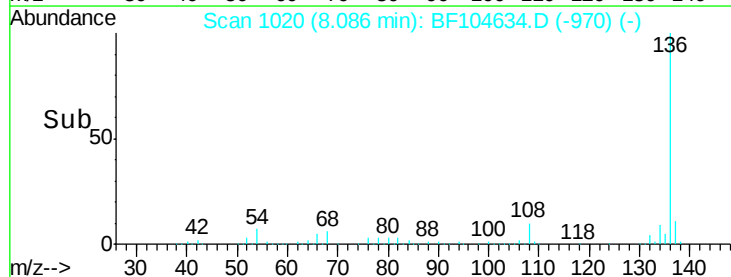
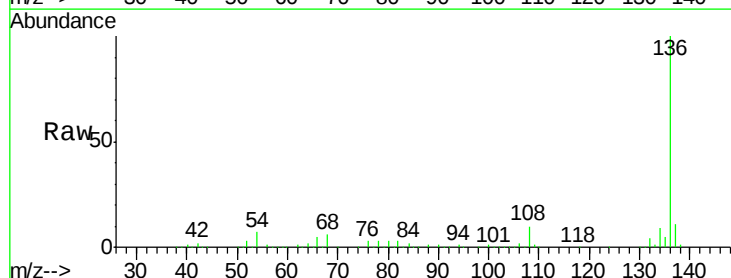
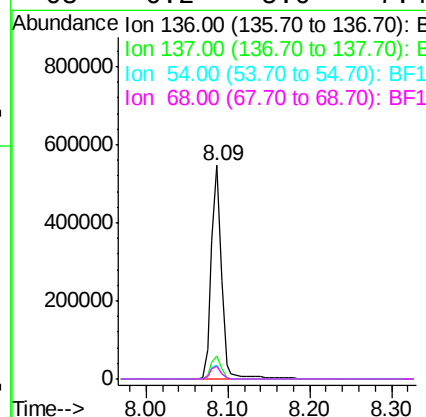
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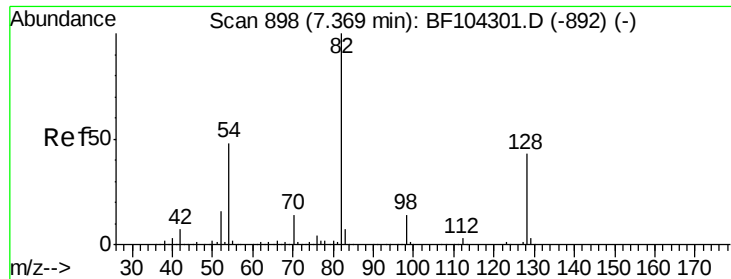
Delta R.T. -0.01 min

Lab File: BF104634.D

Acq: 19 Apr 2018 18:05

Tgt Ion:	136	Resp:	477381
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	6.2	5.0	7.4





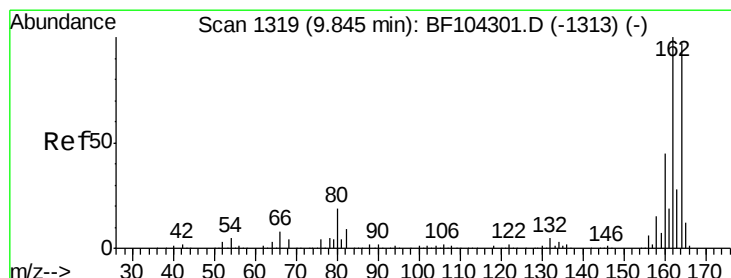
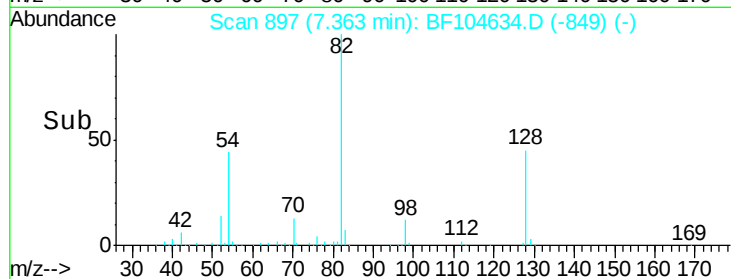
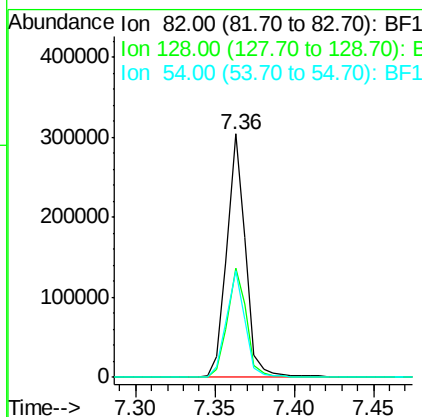
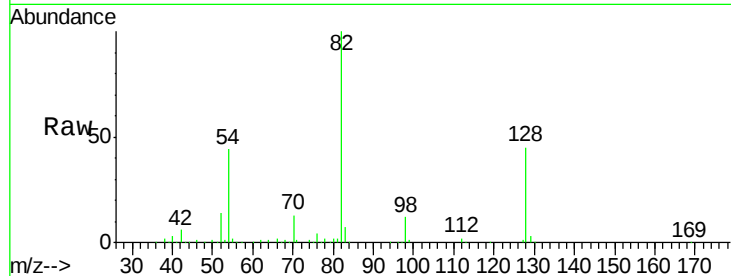
#23
 Nitrobenzene-d5
 Concen: 34.097 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 CDMF-B3-0-6

Tot Ion:	82	Resp:	249277
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	43.9	41.4	62.2

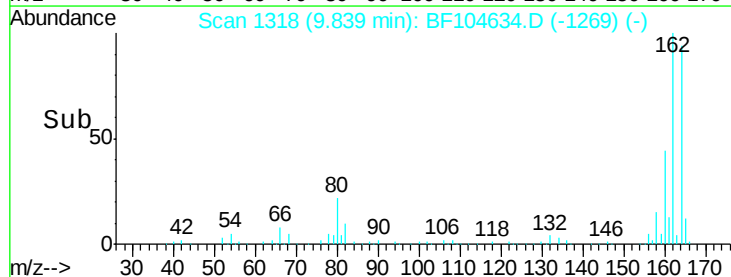
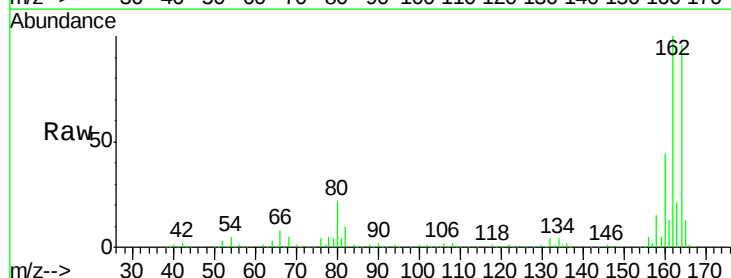
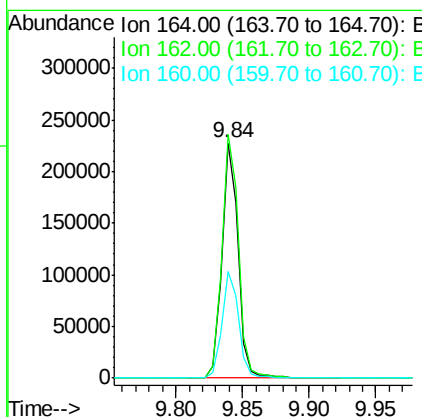
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Tgt Ion:	164	Resp:	194803
Ion Ratio	Lower	Upper	
164	100		
162	103.7	86.1	129.1
160	45.4	38.3	57.5





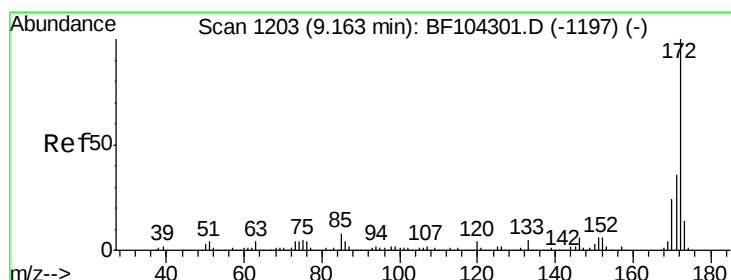
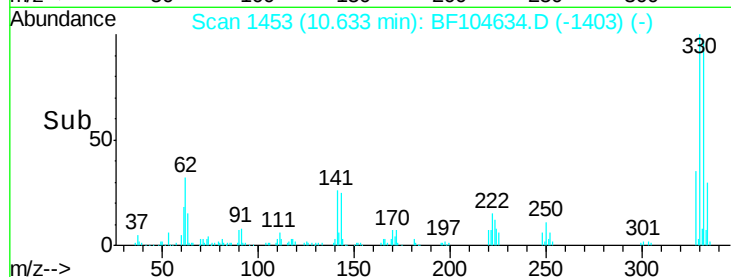
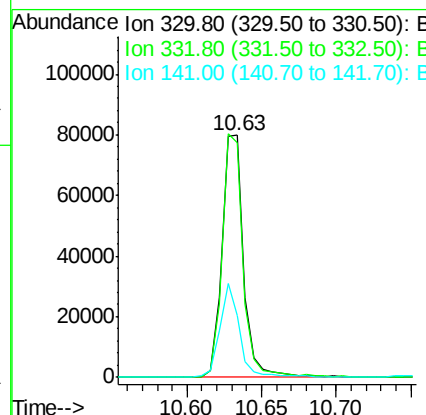
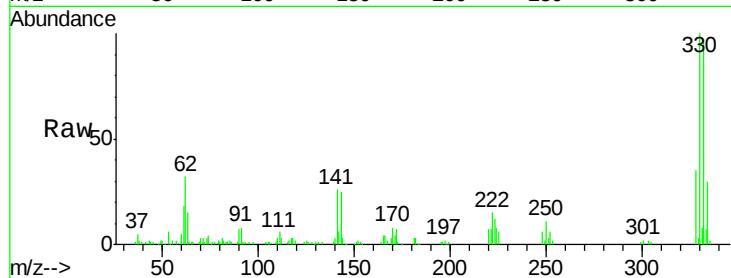
#41
 2,4,6-Tribromophenol
 Concen: 40.276 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Instrument :
 BNA_F
 ClientSampled :
 CDMP-B3-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	35.2	29.9	44.9

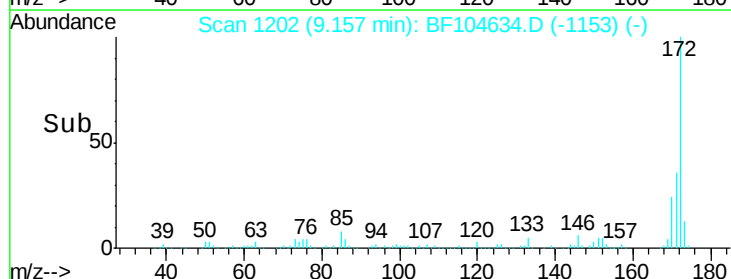
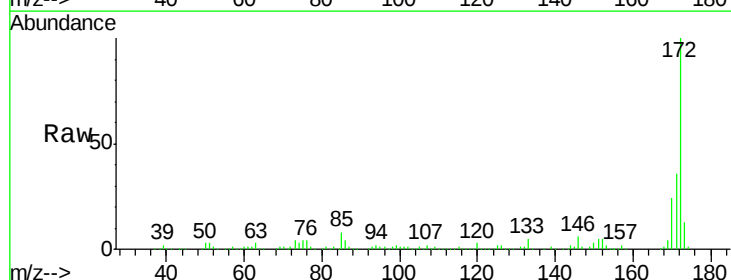
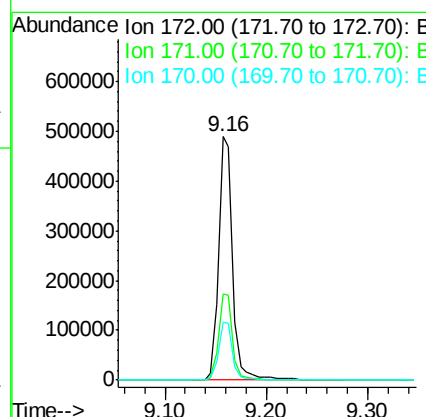
Manual Integrations
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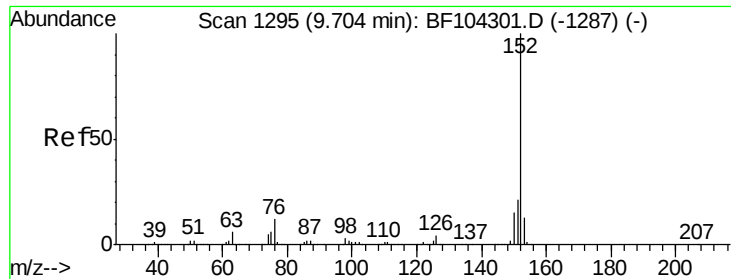
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#44
 2-Fluorobiphenyl
 Concen: 38.168 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4





#48

Acenaphthylene

Concen: 3.124 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104634.D

Acq: 19 Apr 2018 18:05

Instrument :

BNA_F

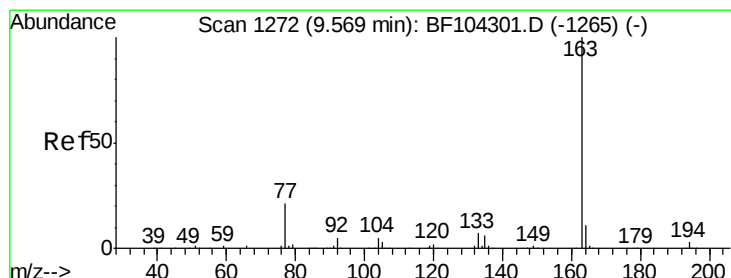
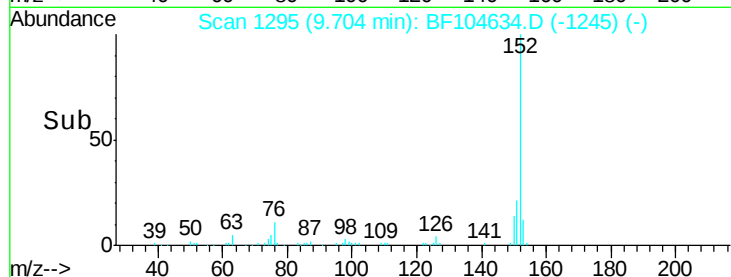
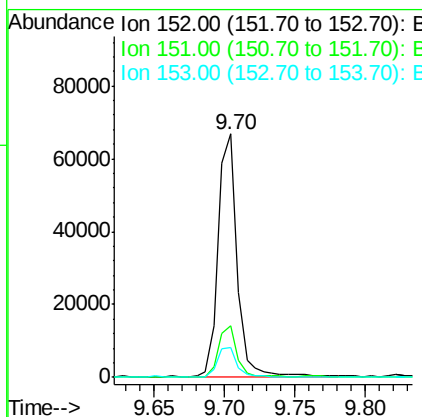
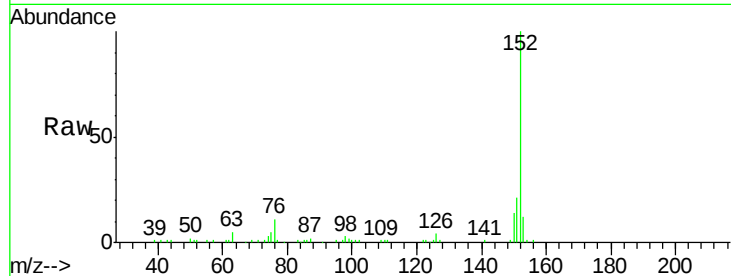
ClientSampleId :

CDMP-B3-0-6

Tot Ion:	152	Resp:	63362
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	12.5	10.7	16.1

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#49

Dimethylphthalate

Concen: 2.709 ng

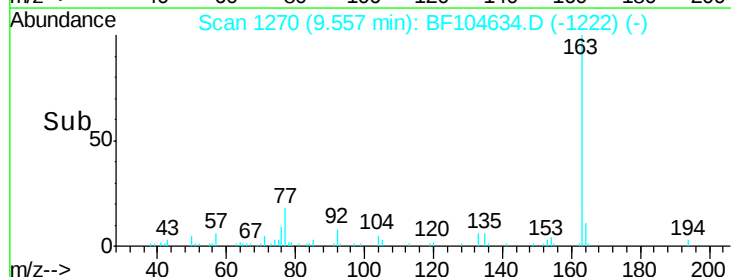
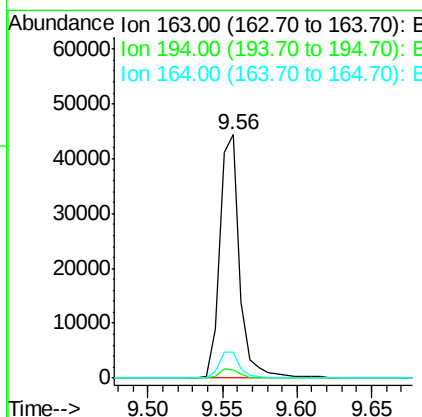
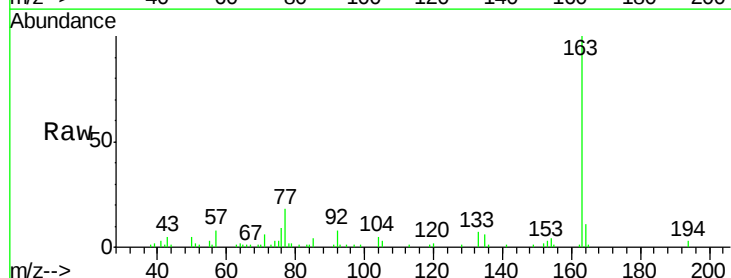
RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104634.D

Acq: 19 Apr 2018 18:05

Tgt Ion:	163	Resp:	41617
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.7	8.2	12.2





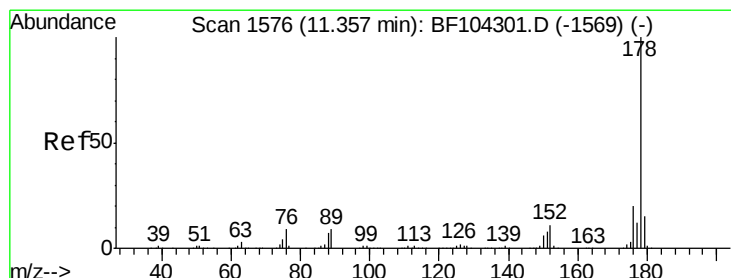
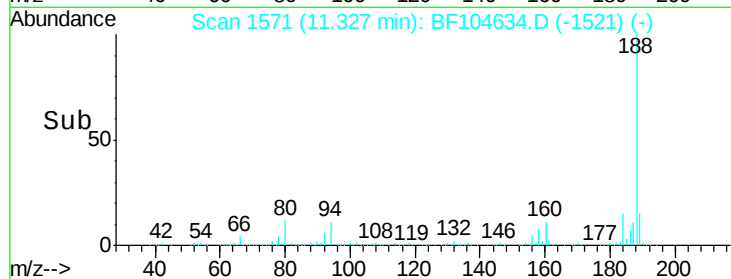
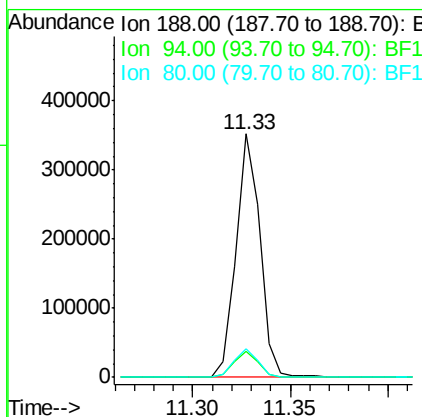
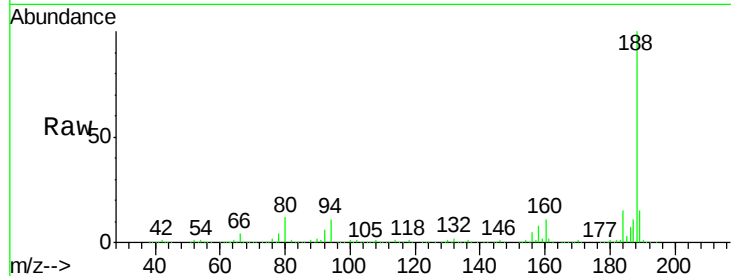
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Instrument :
BNA_F
ClientSampleId :
CDMP-B3-0-6

Tot Ion:	188	Resp:	300274
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	11.9	9.2	13.8

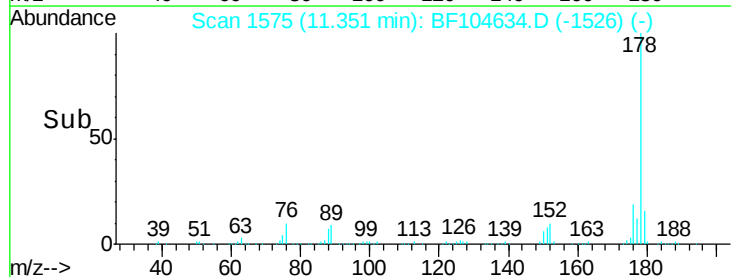
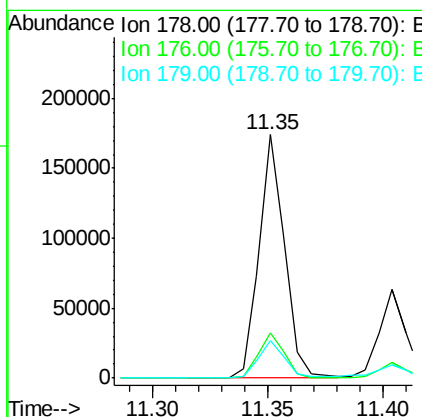
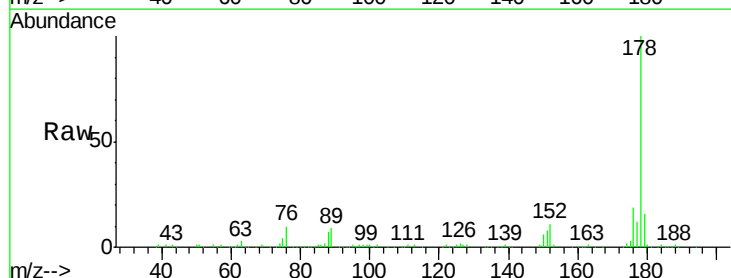
Manual Integrations
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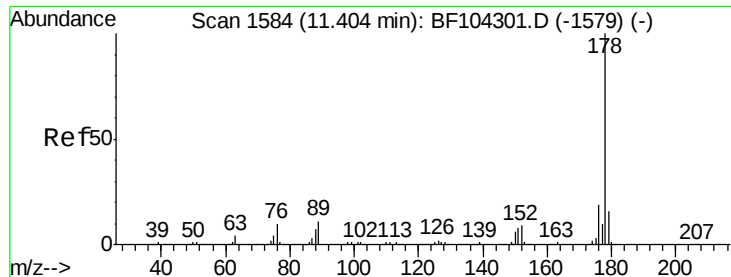
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#70
Phenanthrene
Concen: 8.083 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Tgt Ion:	178	Resp:	135167
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.8	23.8
179	15.7	13.0	19.6





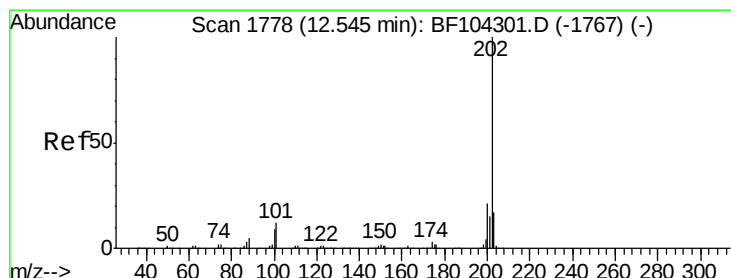
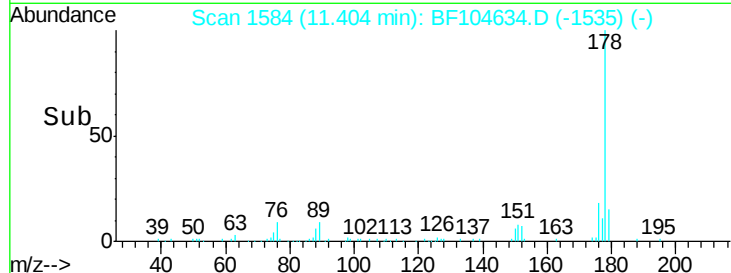
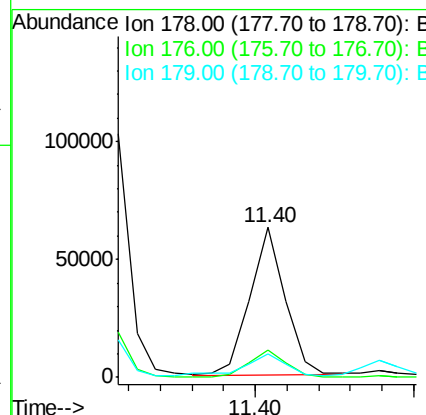
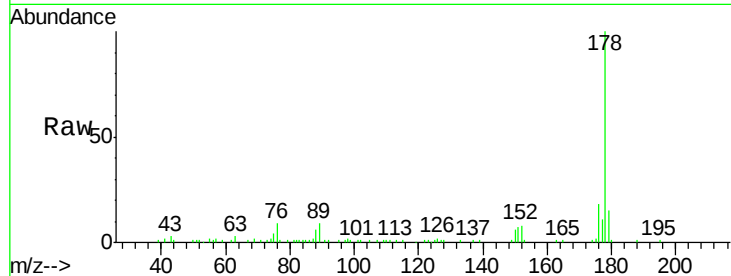
#71
 Anthracene
 Concen: 2.839 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 CDMF-B3-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.4	12.6	19.0

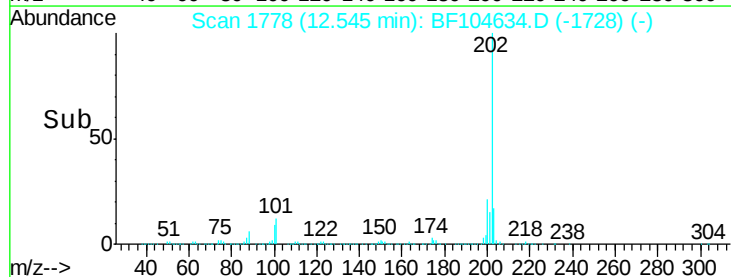
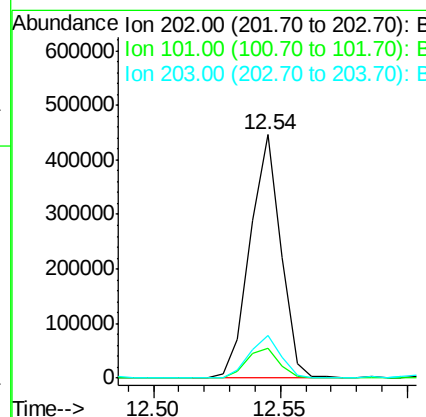
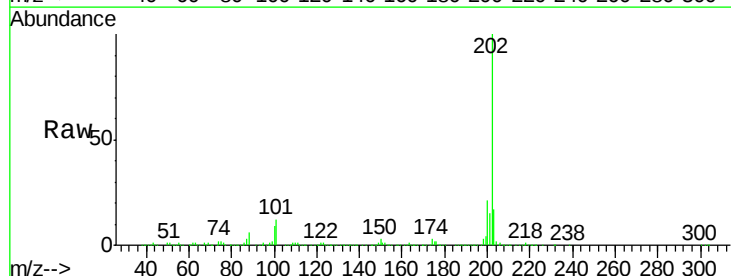
Manual Integrations
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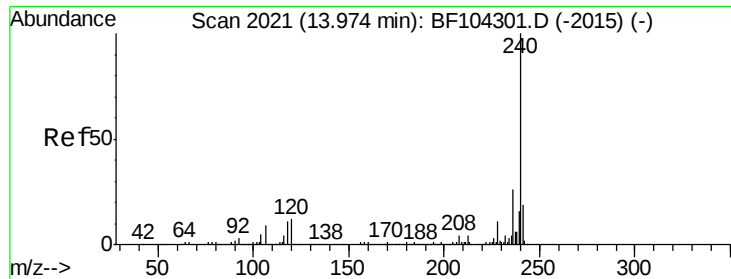
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#74
 Fluoranthene
 Concen: 21.537 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.3	0.0	38.1





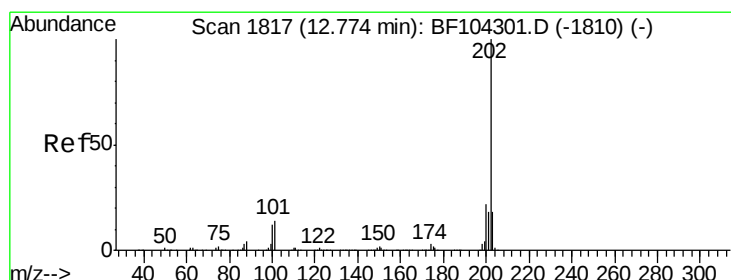
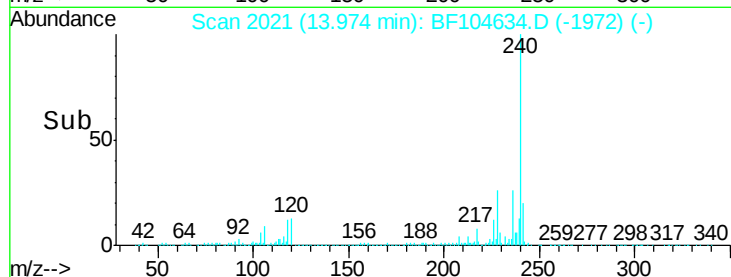
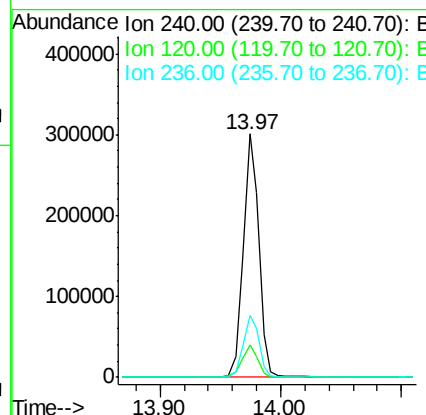
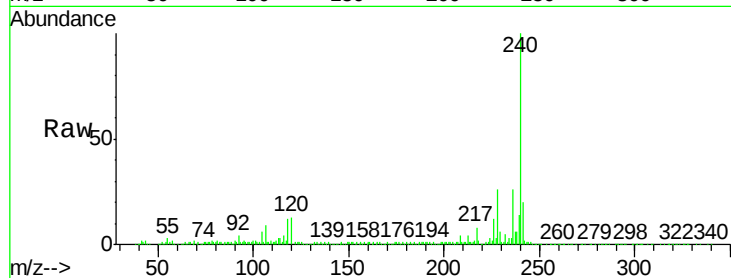
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Instrument :
BNA_F
ClientSampleId :
CDMP-B3-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.7	20.7	31.1

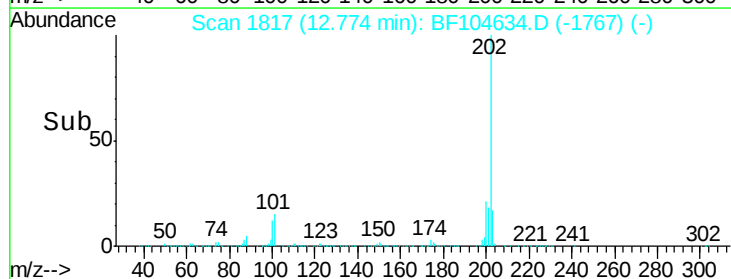
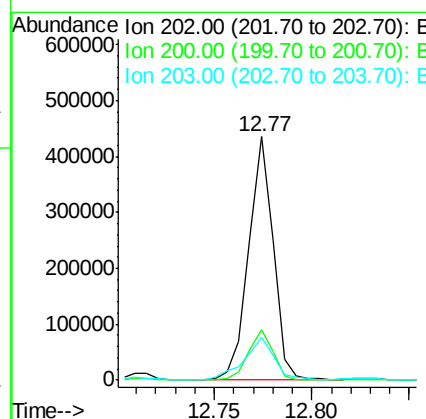
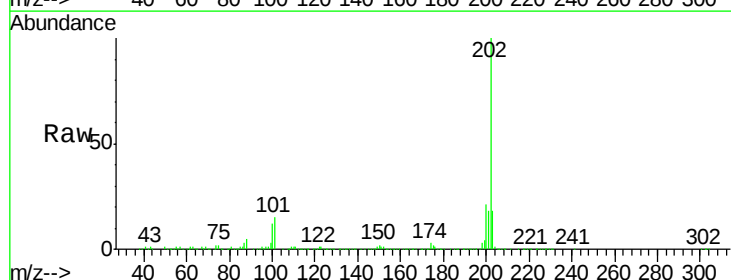
Manual Integrations
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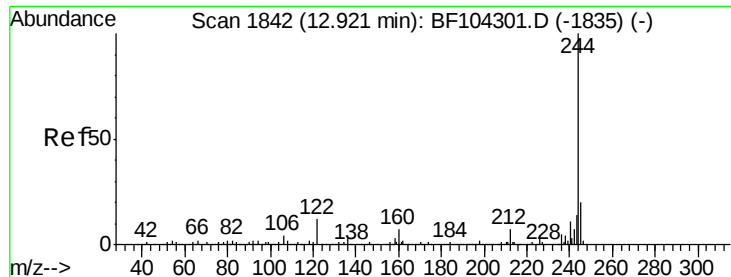
Sohil
4/20/2018 3:05:17 PM



#77
Pyrene
Concen: 18.909 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.6	14.3	21.5





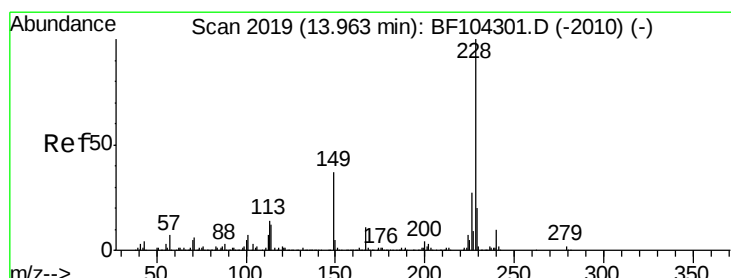
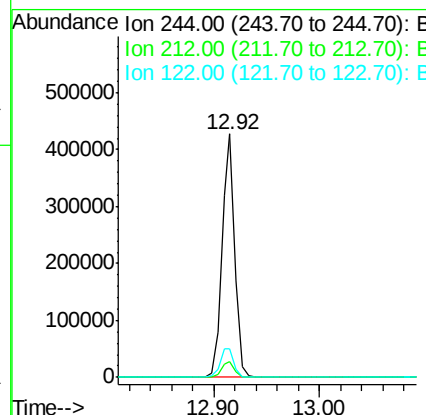
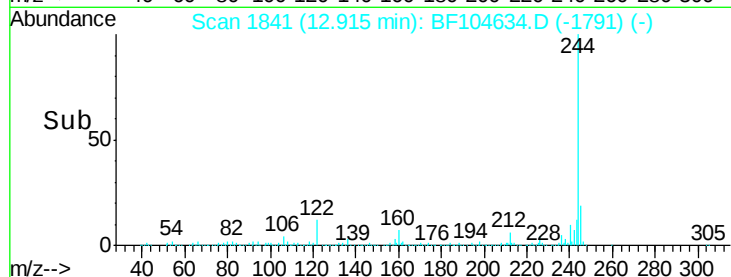
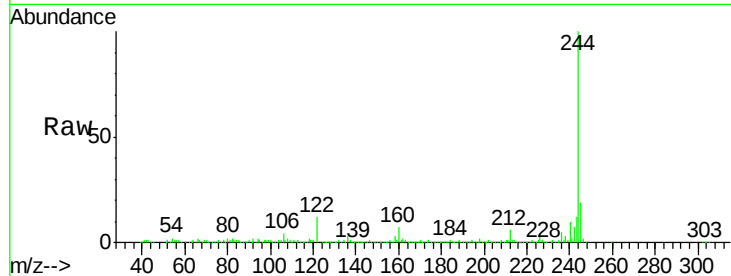
#78
 Terphenyl-d14
 Concen: 30.796 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 CDMF-B3-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.8	11.0	16.4

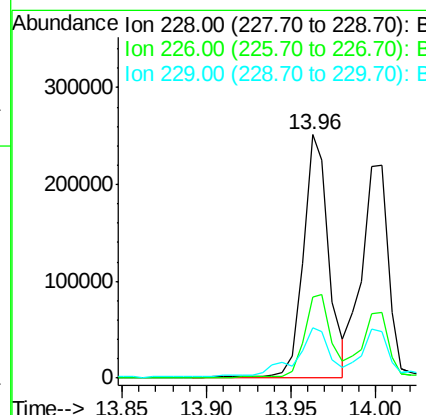
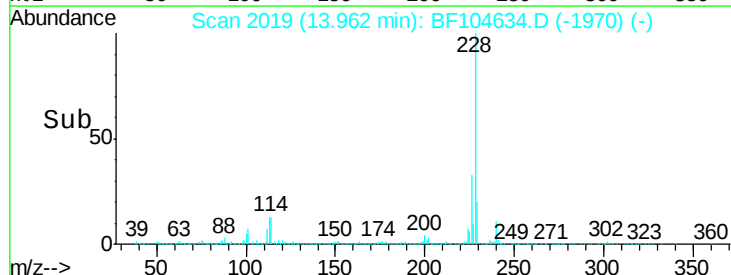
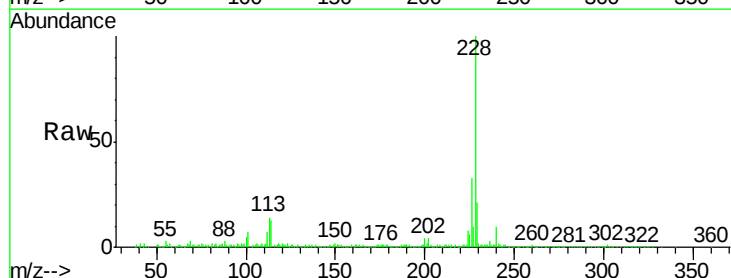
Manual Integrations
 APPROVED

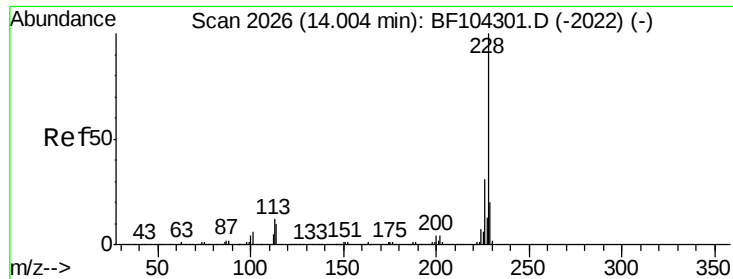
Sohil
 4/20/2018 3:05:17 PM



#80
 Benzo(a)anthracene
 Concen: 16.274 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF104634.D
 Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.6	33.8
229	20.7	15.8	23.6





#82

Chrysene

Concen: 14.589 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104634.D

Acq: 19 Apr 2018 18:05

Instrument :

BNA_F

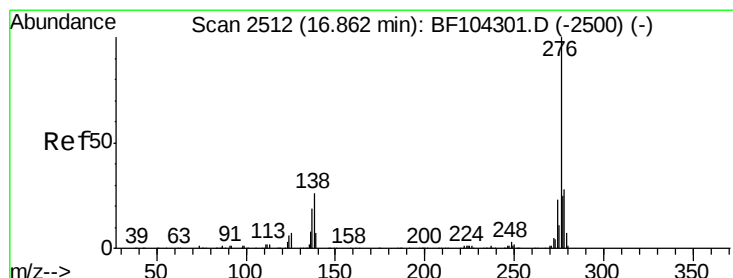
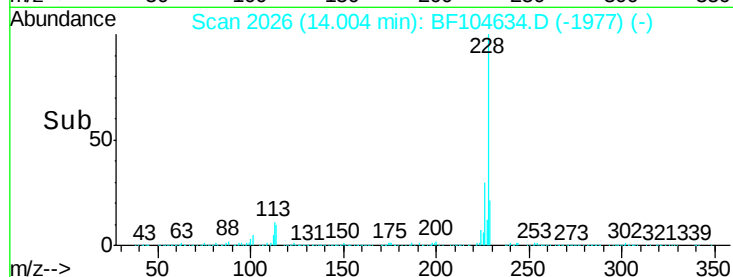
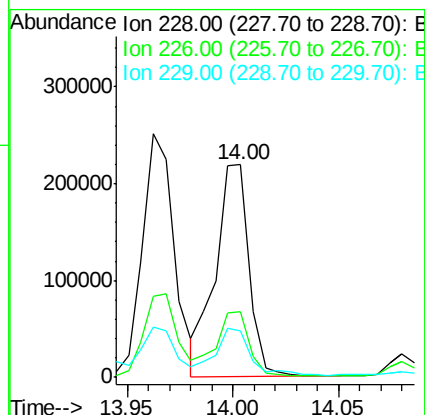
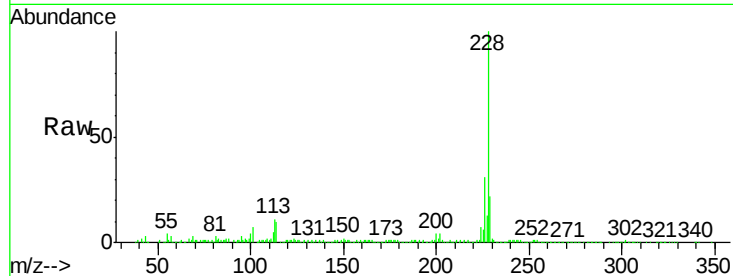
ClientSampleId :

CDMP-B3-0-6

Tot Ion:	228	Resp:	242414
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	22.0	16.2	24.4

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 11.452 ng

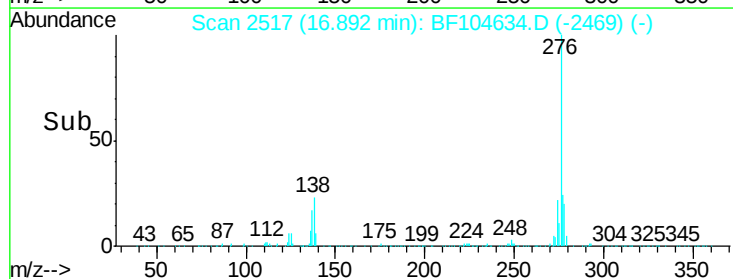
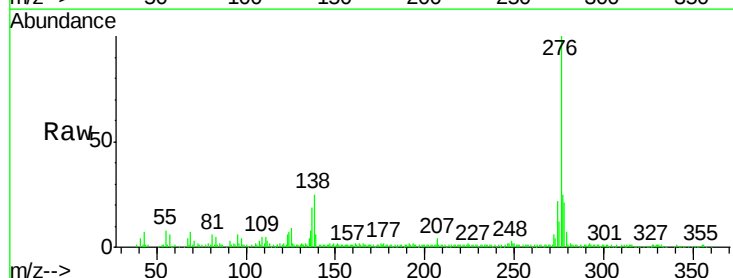
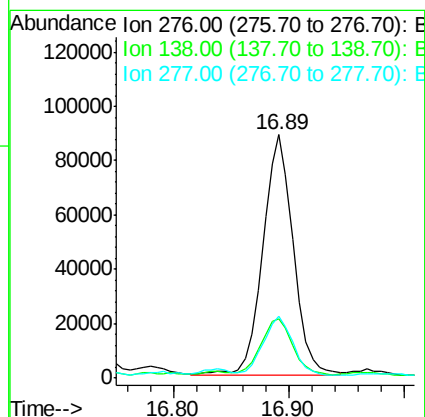
RT: 16.89 min Scan# 2517

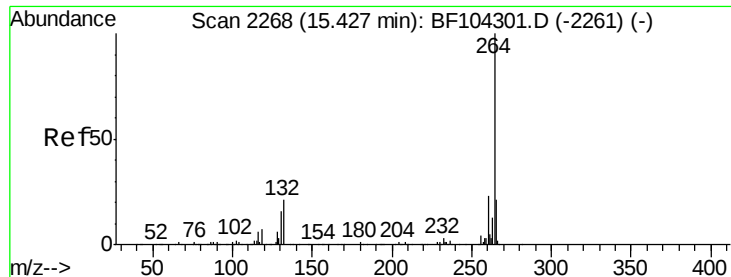
Delta R.T. -0.02 min

Lab File: BF104634.D

Acq: 19 Apr 2018 18:05

Tgt Ion:	276	Resp:	161649
Ion Ratio	Lower	Upper	
276	100		
138	24.4	25.0	37.6#
277	24.3	20.1	30.1





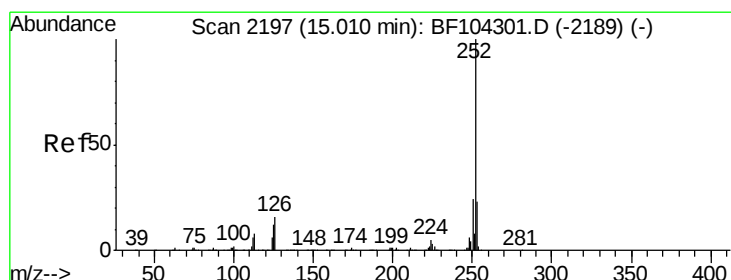
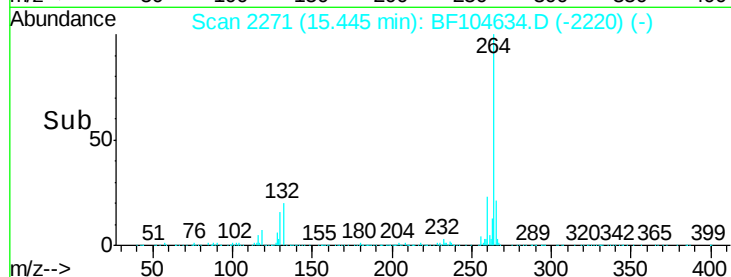
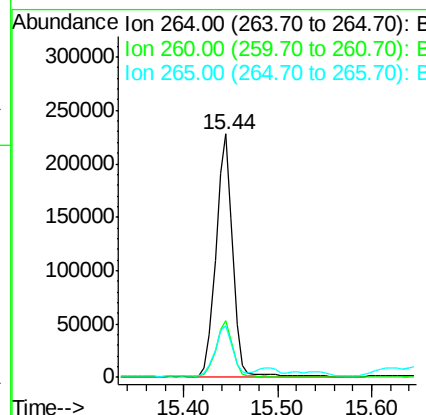
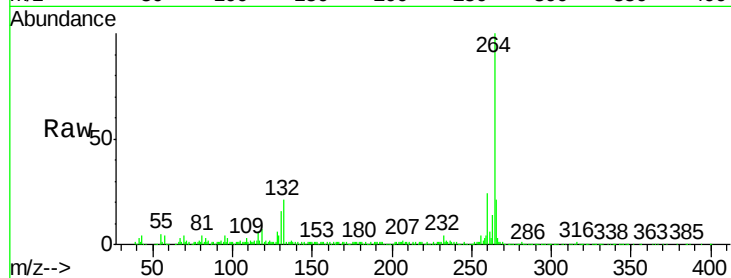
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Instrument :
BNA_F
ClientSampleId :
CDMP-B3-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

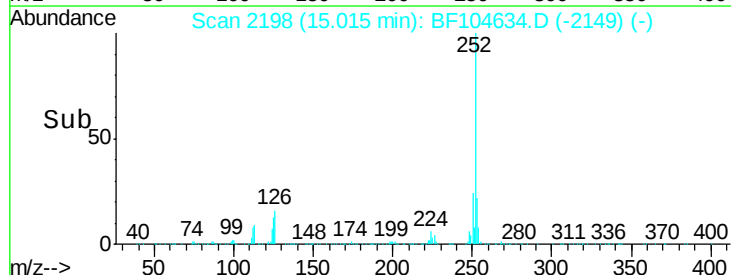
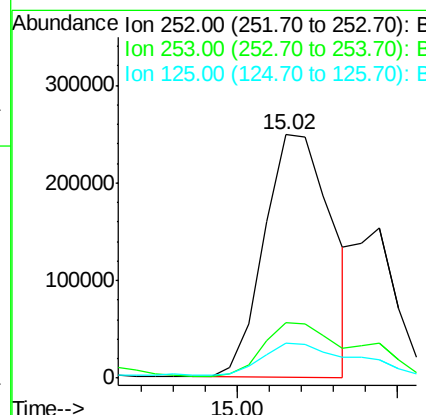
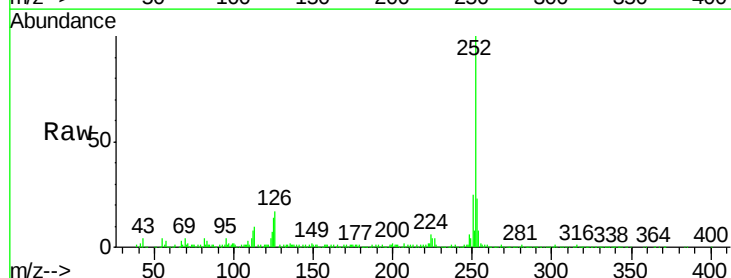
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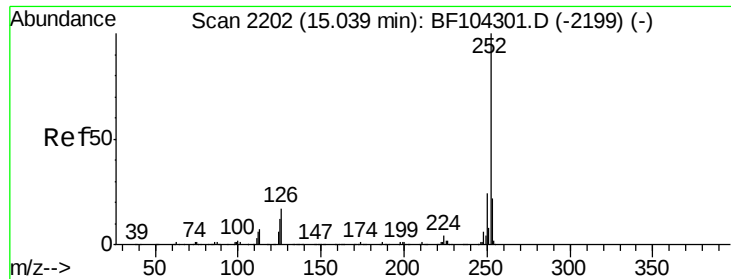
Sohil
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#87
Benzo(b)fluoranthene
Concen: 20.481 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.5	9.0	13.6#





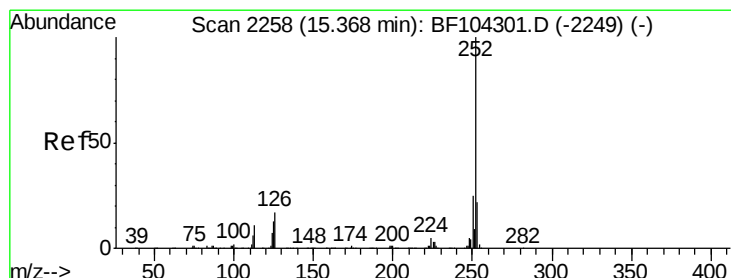
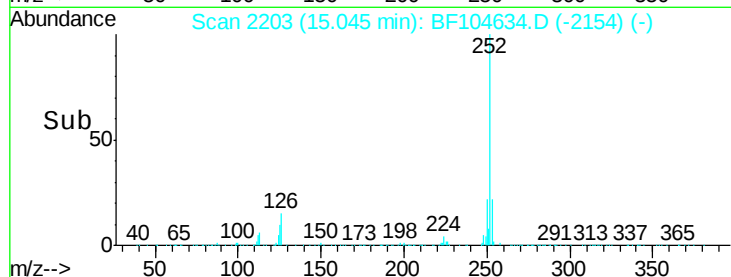
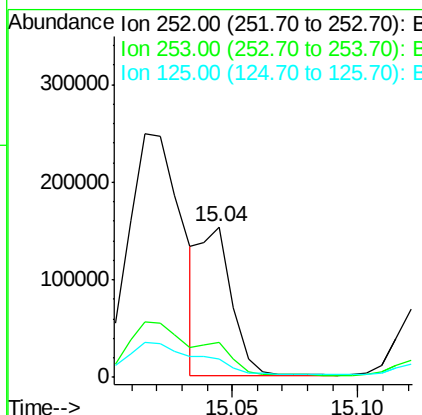
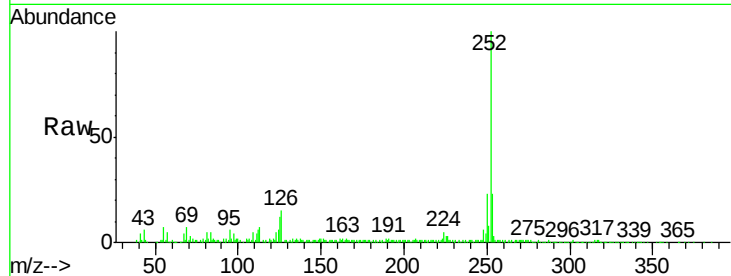
#88
Benzo(k)fluoranthene
Concen: 8.148 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Instrument :
BNA_F
ClientSampleId :
CDMP-B3-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.3	10.2	15.2

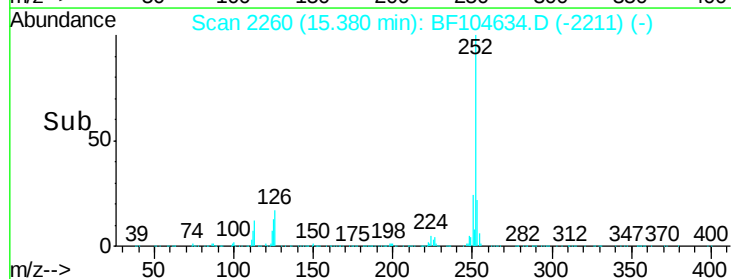
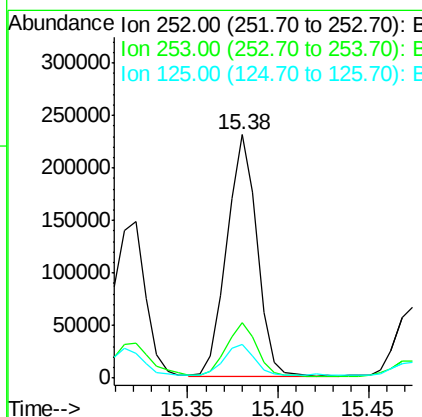
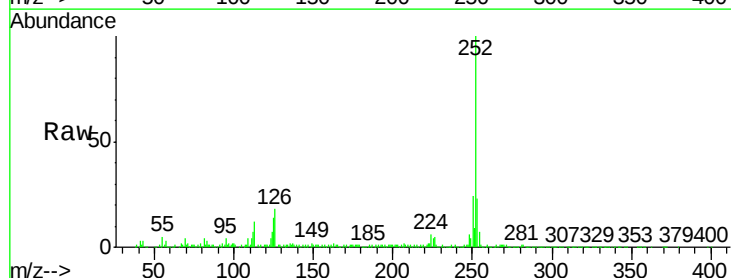
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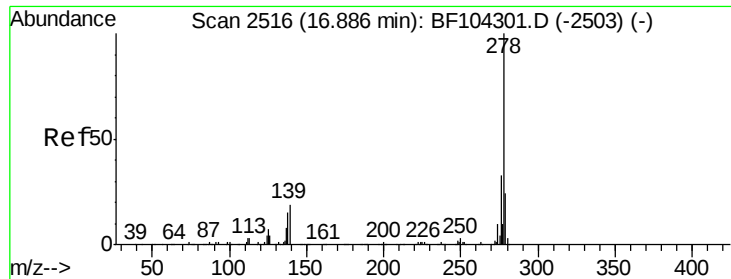
Sohil
4/20/2018 3:05:17 PM



#89
Benzo(a)pyrene
Concen: 16.674 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.9	9.8	14.6





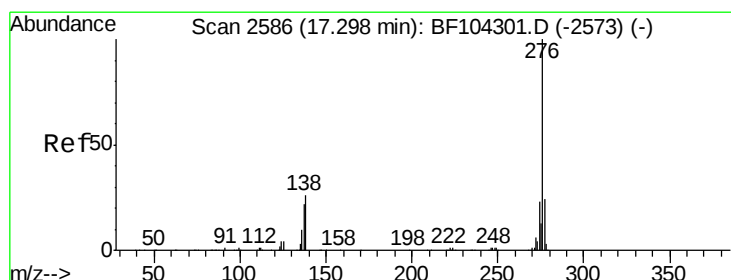
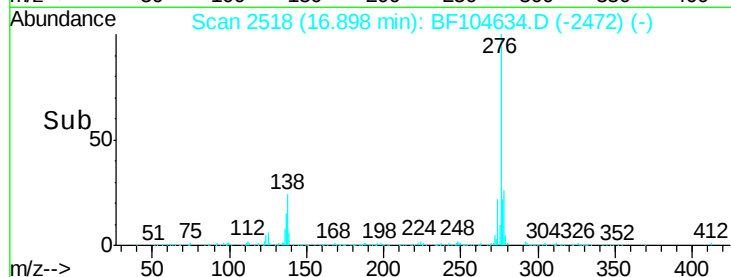
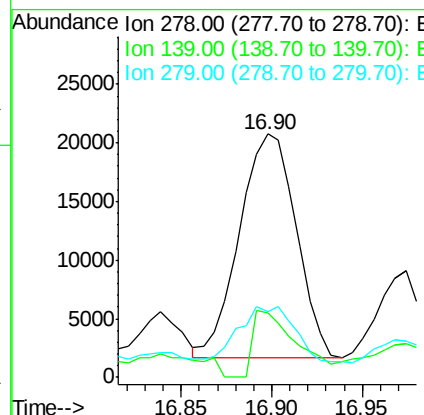
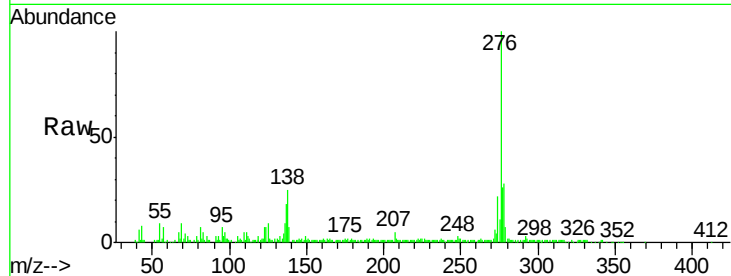
#90
Dibenzo(a,h)anthracene
Concen: 3.132 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Instrument :
BNA_F
ClientSampleId :
CDMP-B3-0-6

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.5	15.9	23.9#
279	26.8	19.0	28.4

Manual Integrations
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4/20/2018 3:05:17 PM



#91
Benzo(g,h,i)perylene
Concen: 11.560 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.02 min
Lab File: BF104634.D
Acq: 19 Apr 2018 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	26.4	21.8	32.8

