

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113482.D
 Acq On : 1 Apr 2019 22:35
 Operator : JU/SJ
 Sample : K2182-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8A(2-10)COMP

Manual Integrations
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 4/2/2019 3:49:44 PM

Quant Time: Apr 02 03:44:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	126110	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	480448	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	224345	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	413016	20.00	ng	0.00
76) Chrysene-d12	13.85	240	369400	20.00	ng	0.00
87) Perylene-d12	15.26	264	251795	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	747614	96.93	ng	0.01
7) Phenol-d6	6.36	99	994166	101.89	ng	0.00
23) Nitrobenzene-d5	7.27	82	580481	71.71	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	265076	95.65	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1145704	78.75	ng	0.00
79) Terphenyl-d14	12.80	244	1160205	69.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.46	163	101251	6.090	ng	Qvalue 100
71) Phenanthrene	11.24	178	168044	8.193	ng	98
75) Fluoranthene	12.43	202	215466	9.293	ng	99
78) Pyrene	12.66	202	286916	11.208	ng	98
81) Benzo(a)anthracene	13.84	228	111223	5.260	ng	98
83) Chrysene	13.87	228	131546	6.125	ng	99
88) Benzo(b)fluoranthene	14.86	252	103721m	6.631	ng	
89) Benzo(k)fluoranthene	14.88	252	40345m	2.937	ng	
90) Benzo(a)pyrene	15.20	252	49215	3.549	ng	# 96
92) Benzo(g,h,i)perylene	17.04	276	31187	2.580	ng	# 91

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

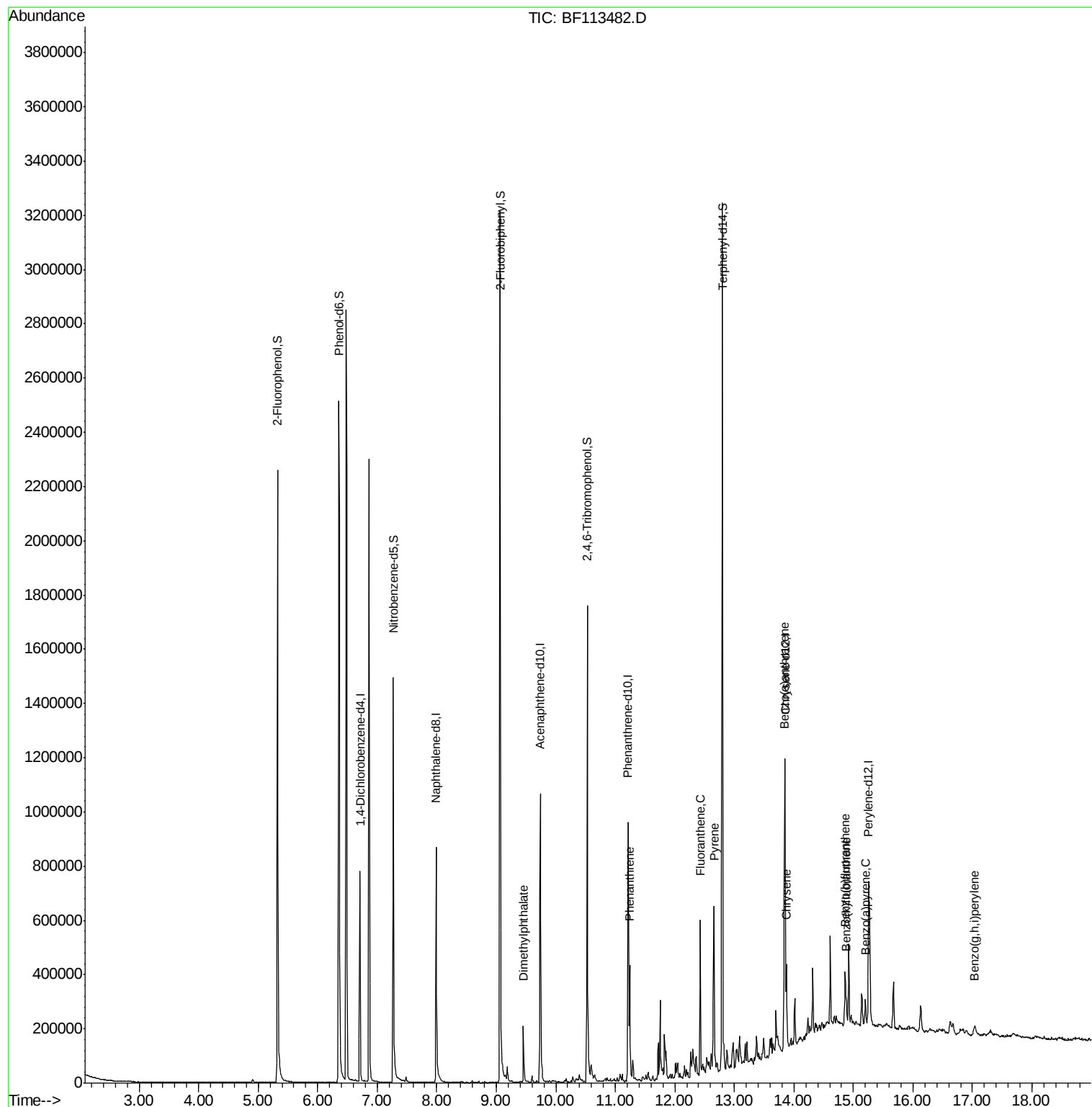
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113482.D
Acq On : 1 Apr 2019 22:35
Operator : JU/SJ
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#1

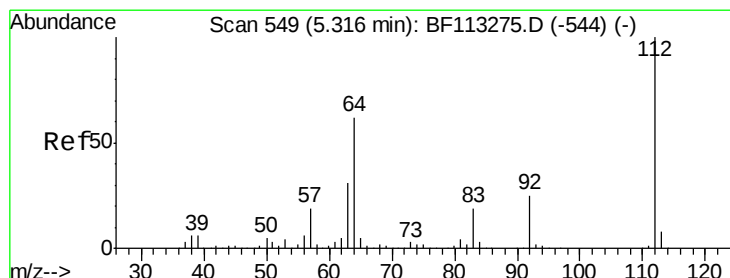
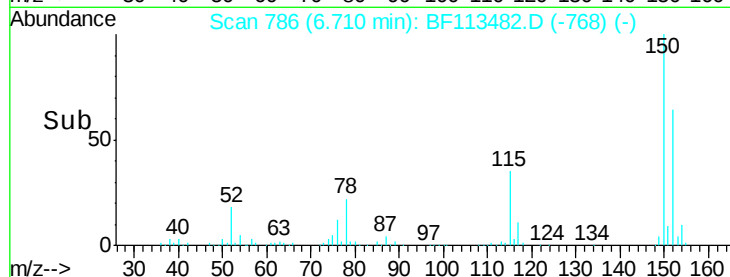
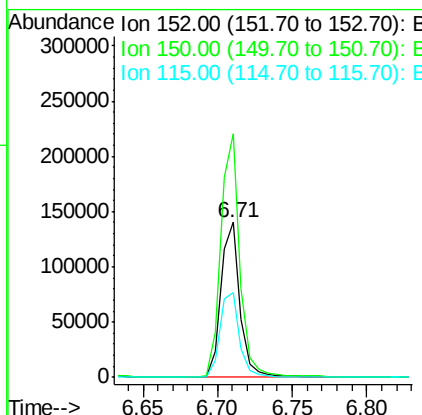
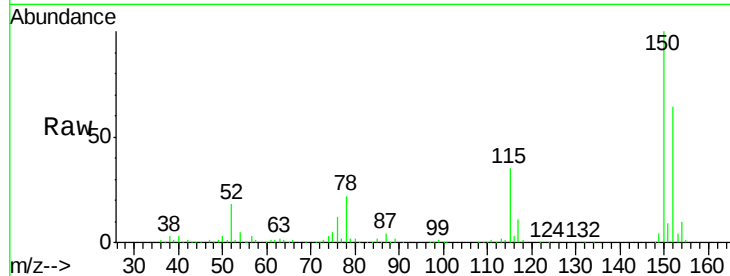
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Instrument :
BNA_F
ClientSampleId :
S8A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	55.2	46.0	69.0

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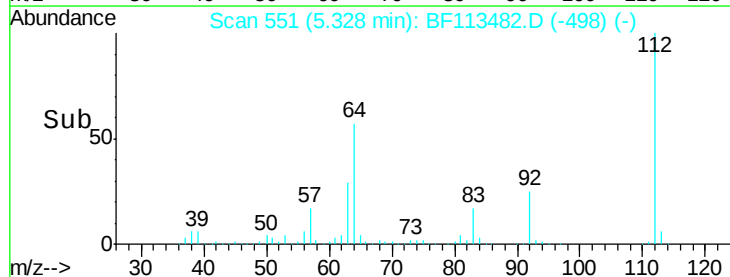
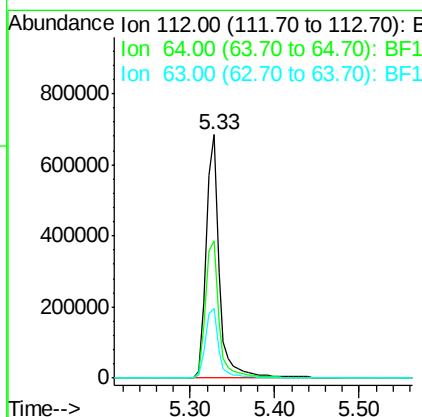
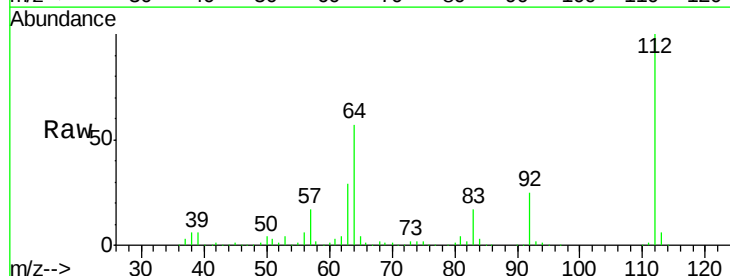
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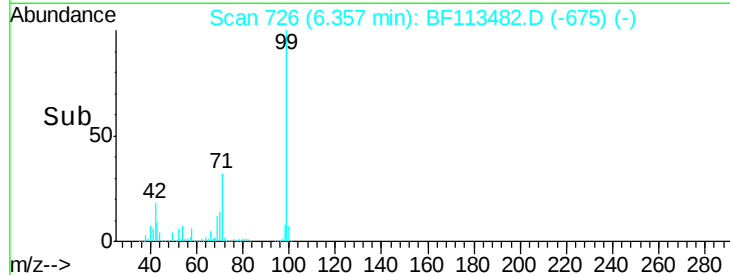
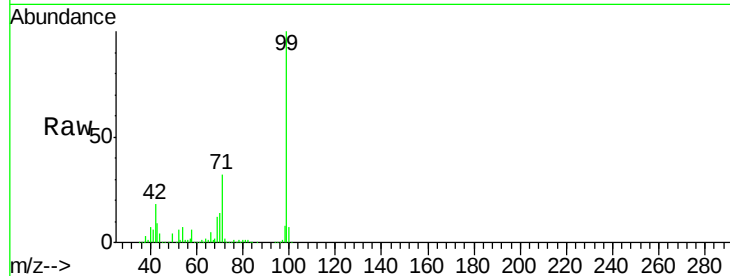


#5

2-Fluorophenol
Concen: 96.934 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	49.2	73.8
63	28.7	24.9	37.3





#7

Phenol-d6

Concen: 101.894 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113482.D

Acq: 1 Apr 2019 22:35

Tgt Ion:	99	Resp:	994166
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	31.7	24.9	37.3

Instrument :

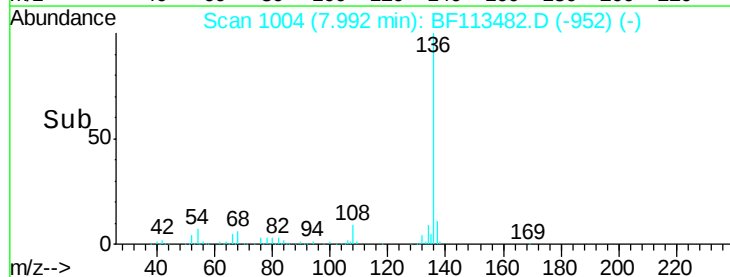
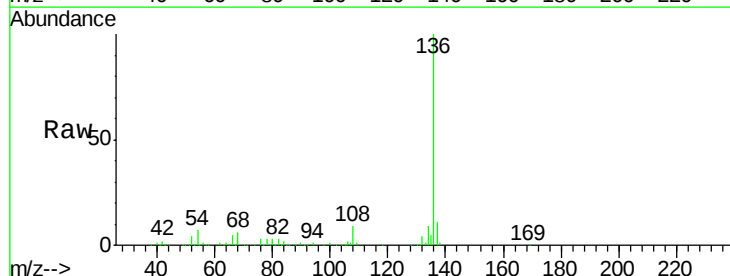
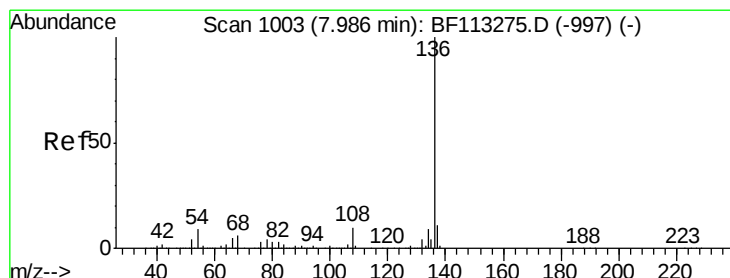
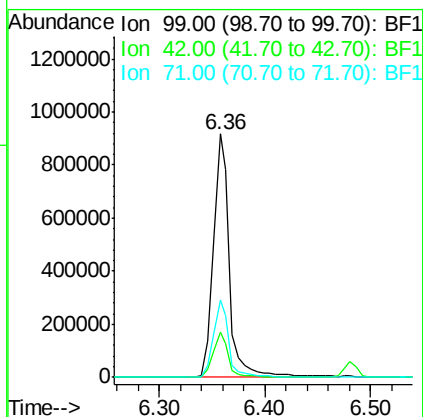
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

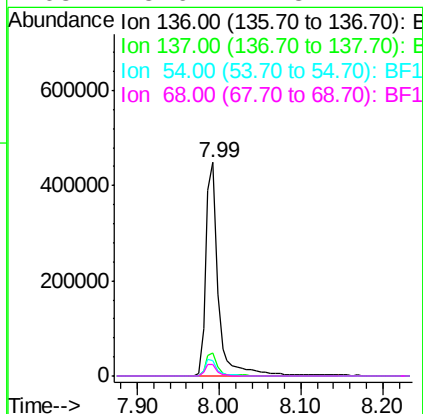
RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF113482.D

Acq: 1 Apr 2019 22:35

Tgt Ion:	136	Resp:	480448
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	7.0	10.6
68	5.6	4.8	7.2





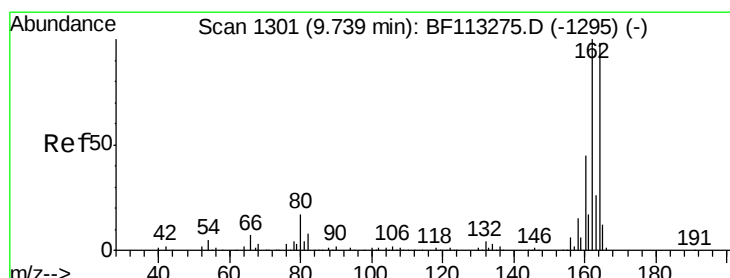
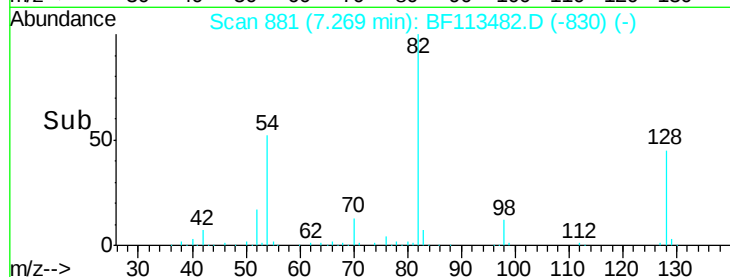
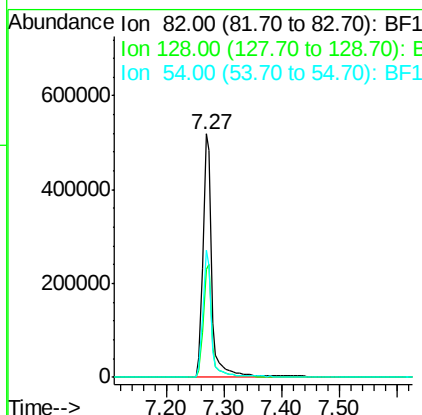
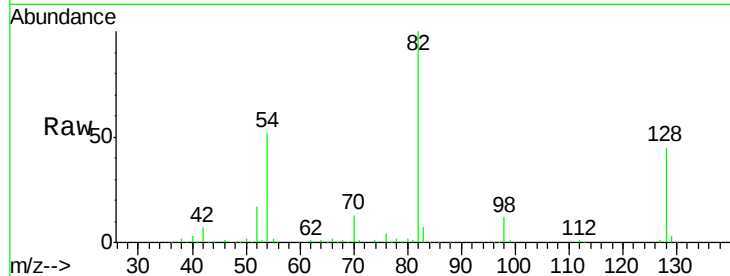
#23
Nitrobenzene-d5
Concen: 71.712 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Instrument :
BNA_F
ClientSampleId :
S8A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	52.0	42.2	63.2

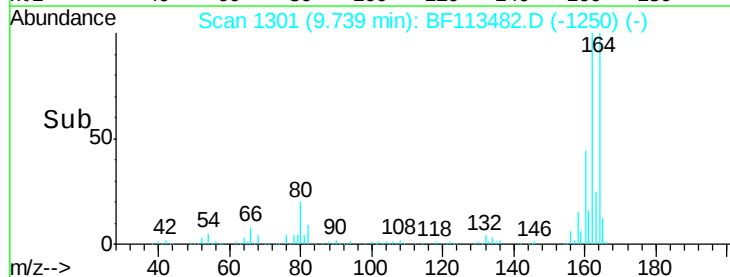
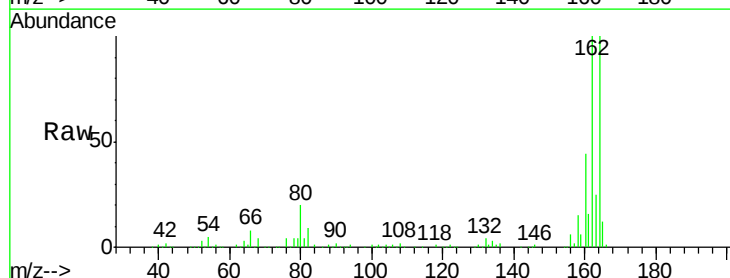
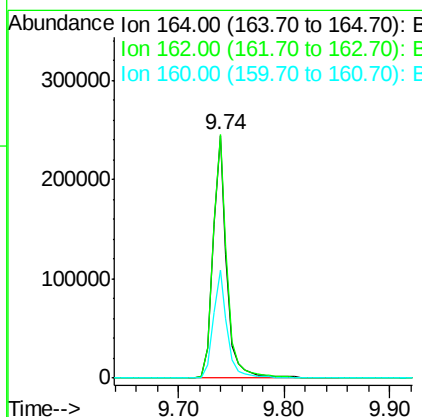
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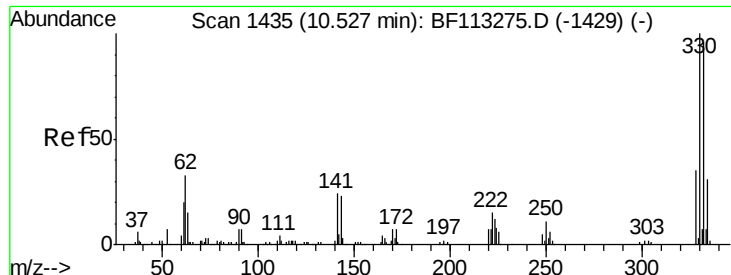
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.6
160	44.4	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 95.655 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113482.D

Acq: 1 Apr 2019 22:35

Instrument :

BNA_F

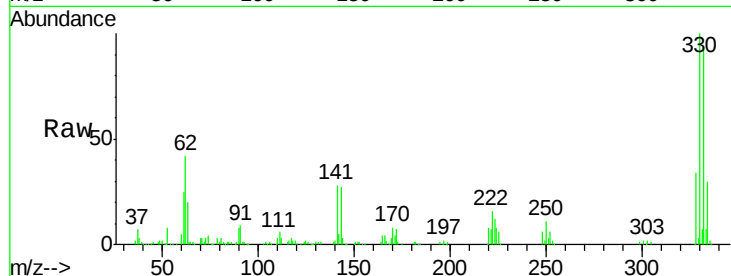
ClientSampleId :

S8A(2-10)COMP

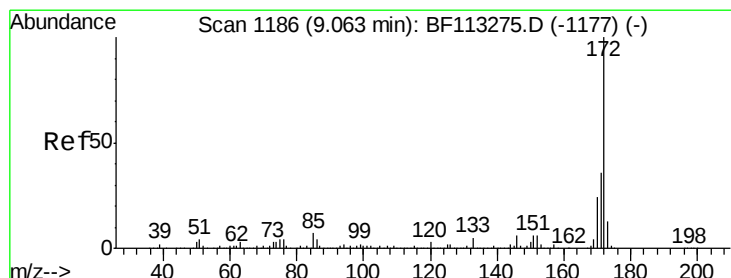
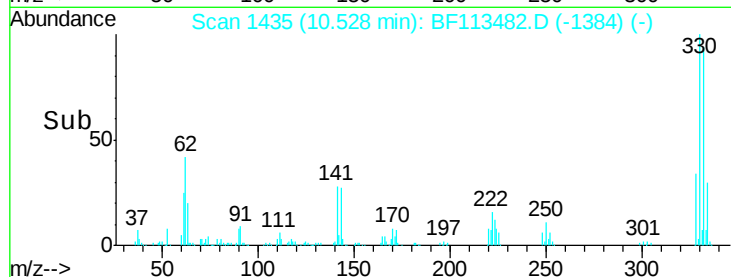
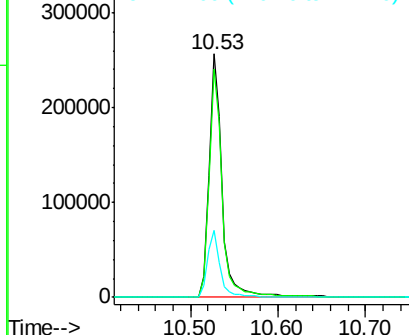
Tgt Ion:	330	Resp:	265076
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.8	116.6
141	27.6	22.7	34.1

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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



#45

2-Fluorobiphenyl

Concen: 78.745 ng

RT: 9.06 min Scan# 1186

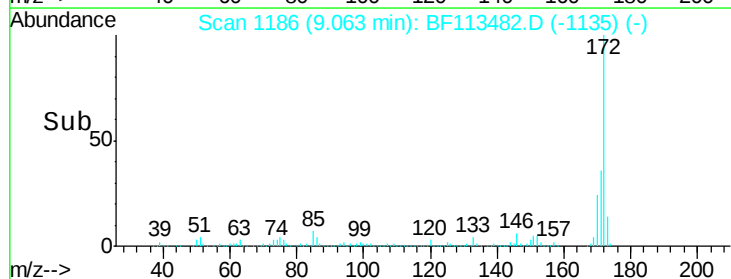
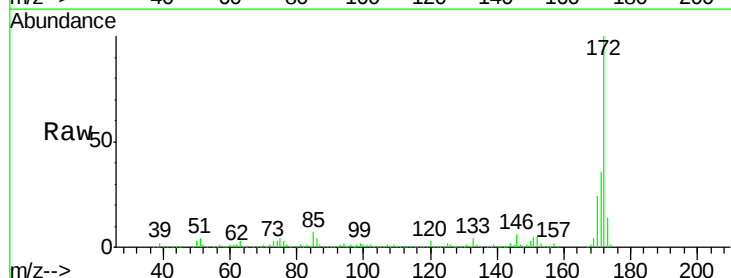
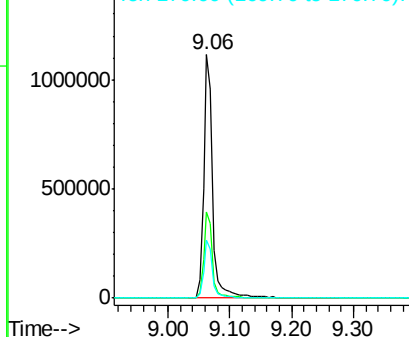
Delta R.T. 0.00 min

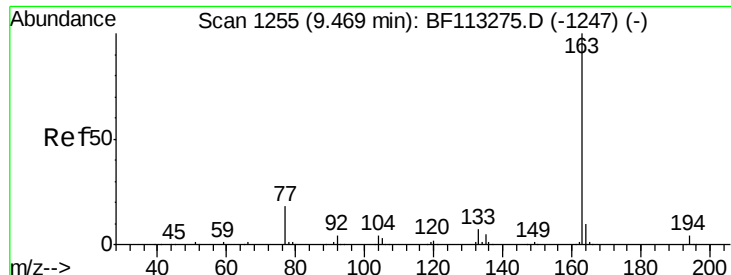
Lab File: BF113482.D

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Tgt Ion:	172	Resp:	1145704
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.0	43.6
170	24.0	19.5	29.3

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





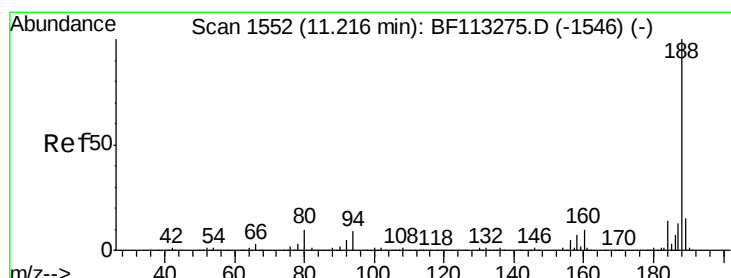
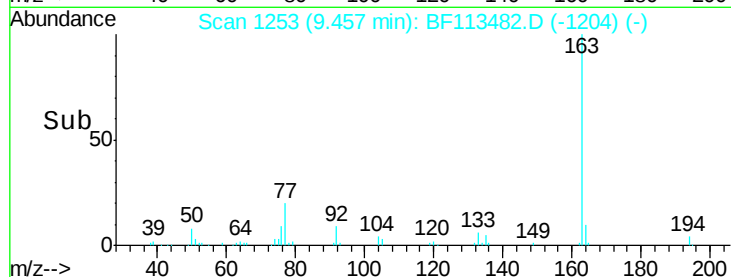
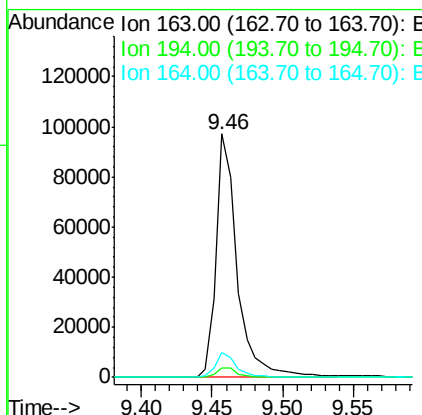
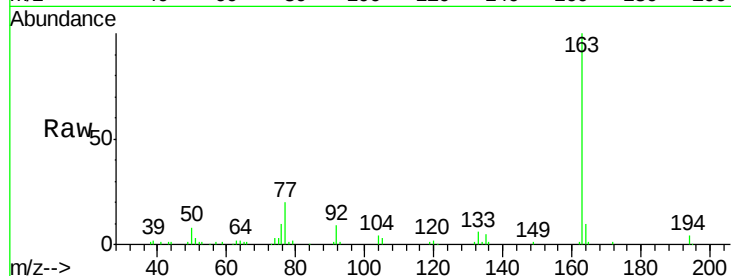
#50
Dimethylphthalate
Concen: 6.090 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Instrument :
BNA_F
ClientSampleId :
S8A(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	101251		
194	3.8	3.0	4.6	
164	10.2	8.1	12.1	

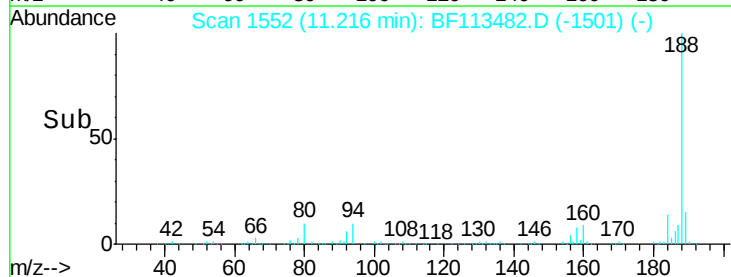
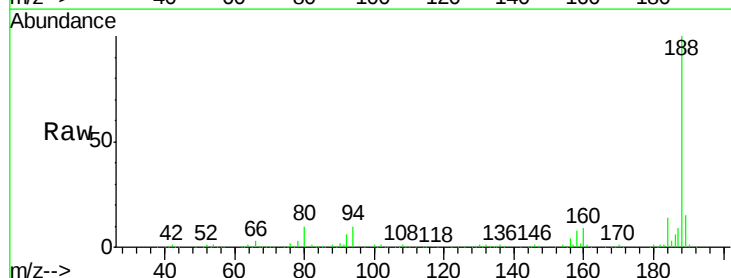
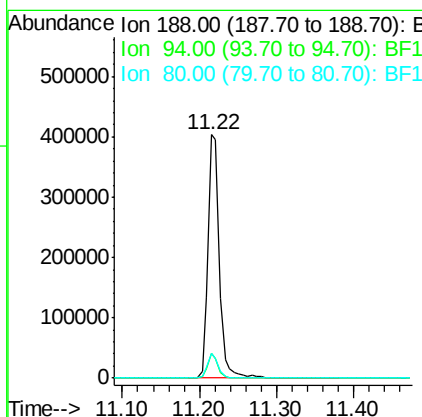
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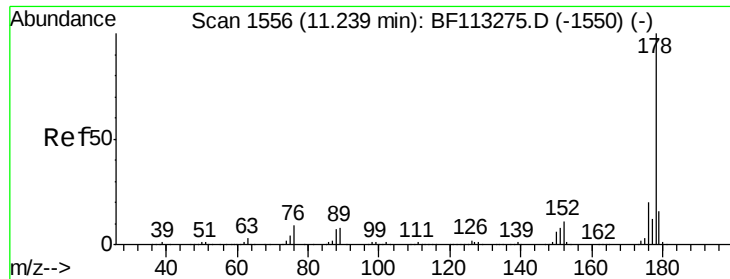
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	413016		
94	10.2	7.0	10.6	
80	10.4	7.7	11.5	





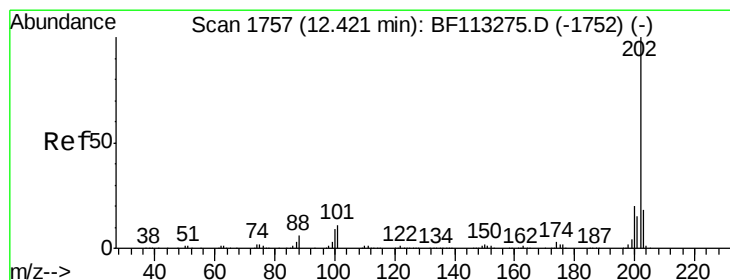
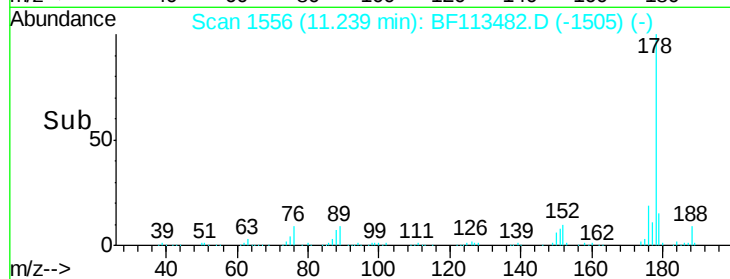
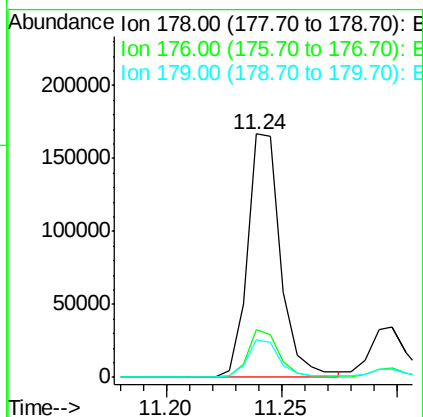
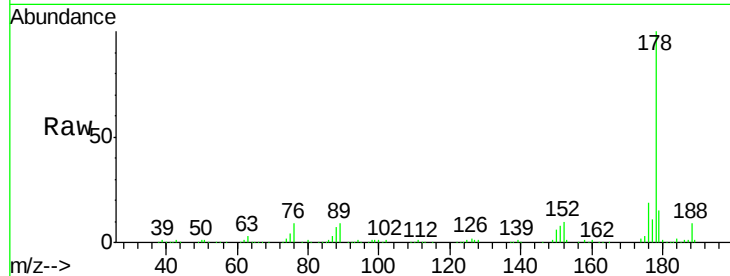
#71
Phenanthrene
Concen: 8.193 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Instrument :
BNA_F
ClientSampleId :
S8A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.2	12.7	19.1

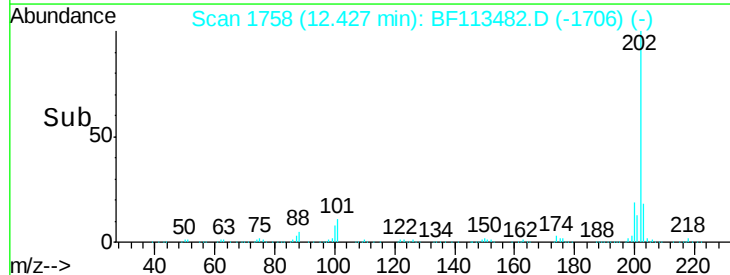
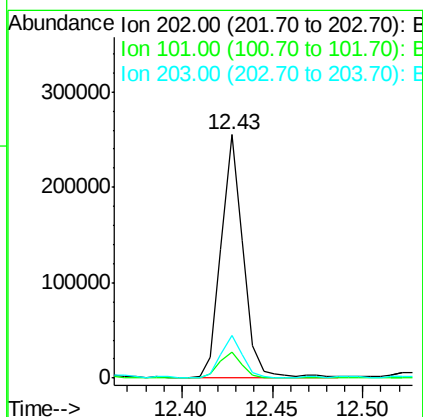
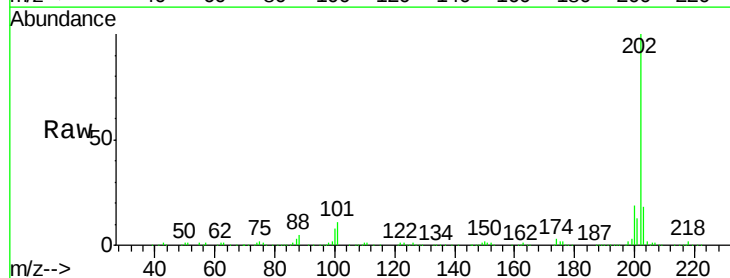
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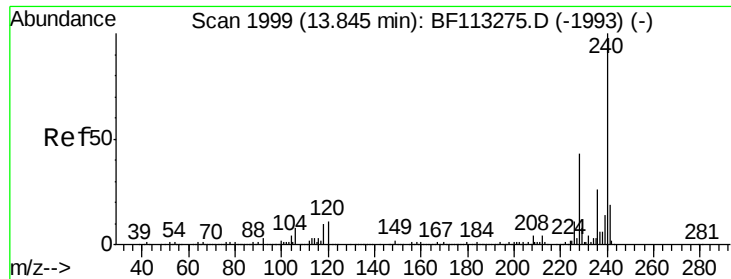
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#75
Fluoranthene
Concen: 9.293 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.6	0.0	38.0





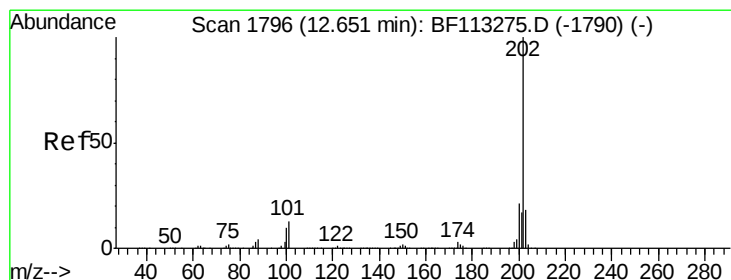
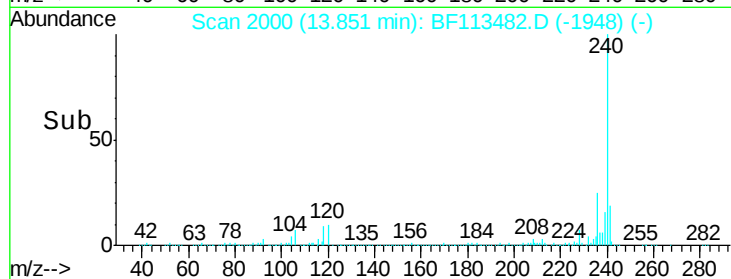
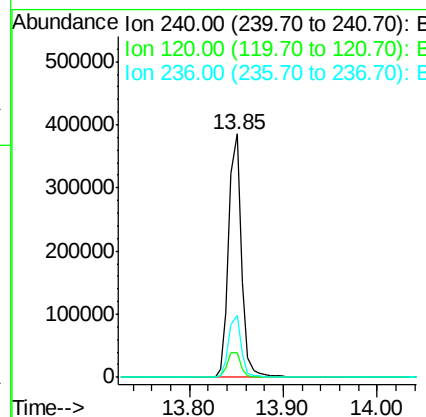
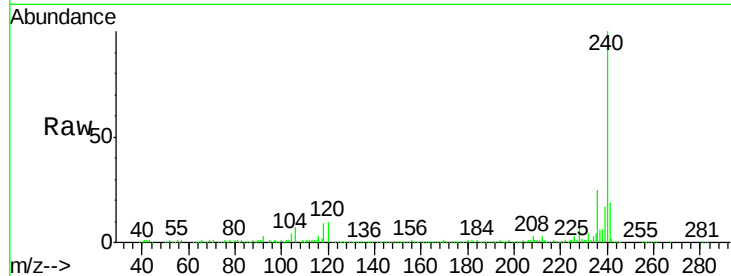
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Instrument :
BNA_F
ClientSampleId :
S8A(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	369400		
120	10.1	8.8	13.2	
236	25.4	20.9	31.3	

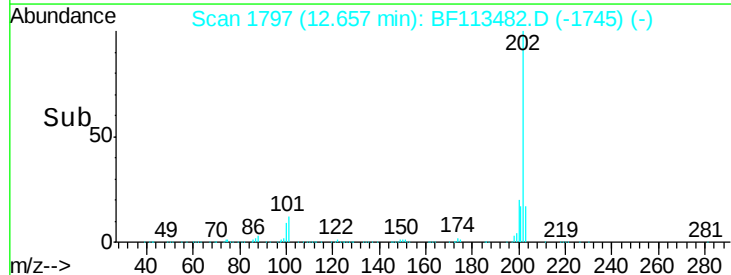
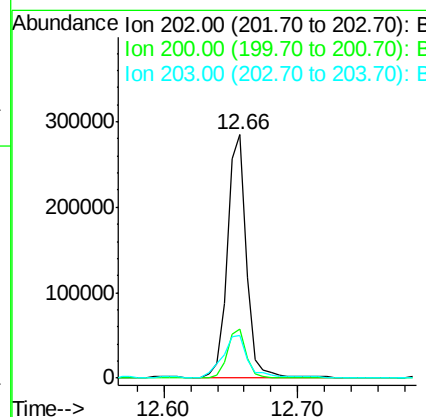
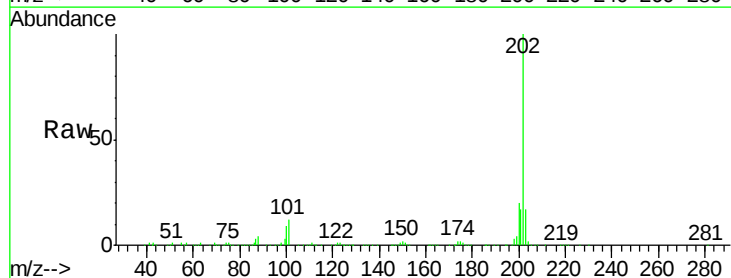
Manual Integrations
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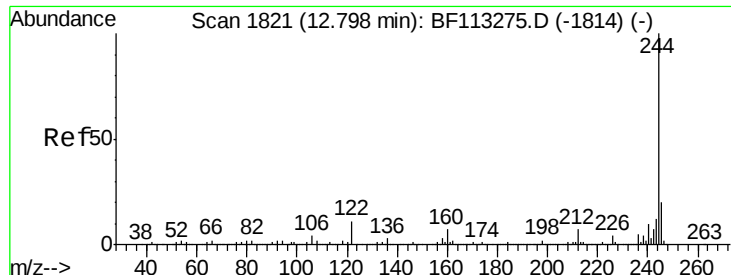
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#78
Pyrene
Concen: 11.208 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	286916		
200	19.9	16.8	25.2	
203	17.5	14.4	21.6	





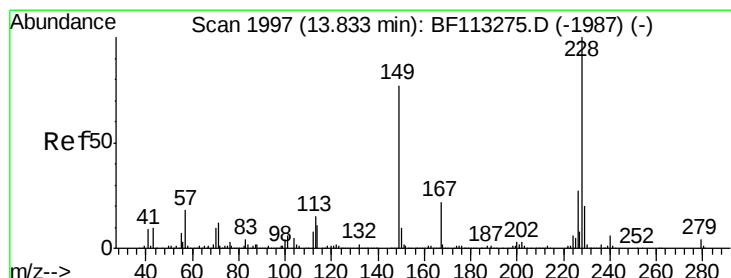
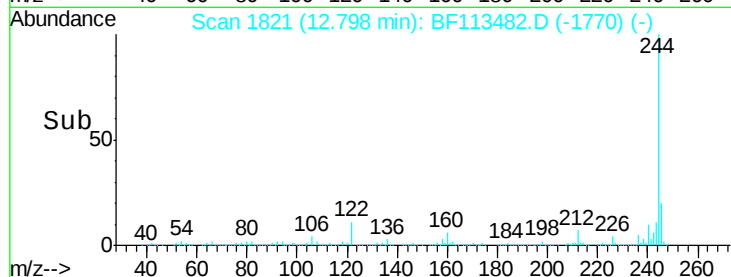
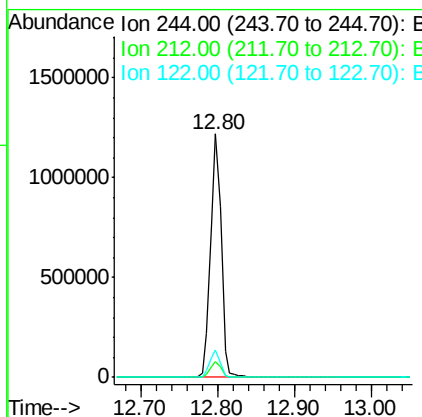
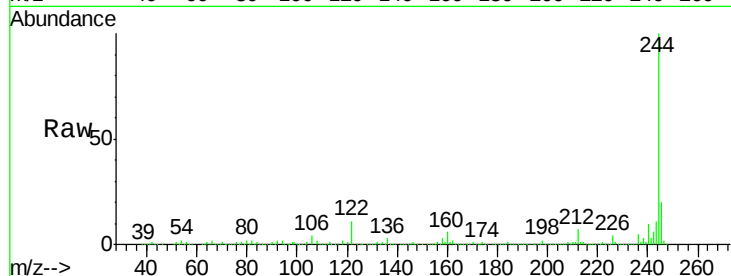
#79
 Terphenyl-d14
 Concen: 69.228 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113482.D
 Acq: 1 Apr 2019 22:35

Instrument :
 BNA_F
 ClientSampleId :
 S8A(2-10)COMP

Tgt Ion:244 Resp: 1160205
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 11.2 8.6 13.0

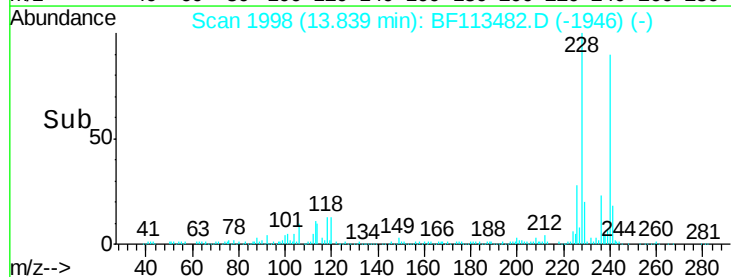
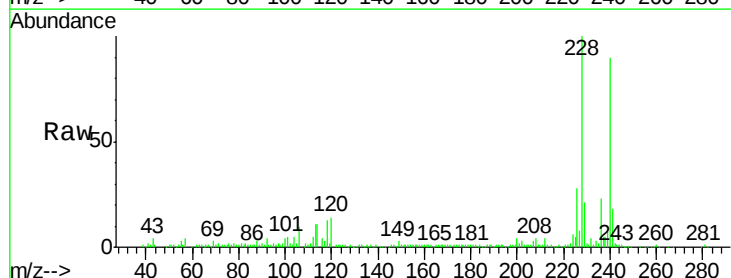
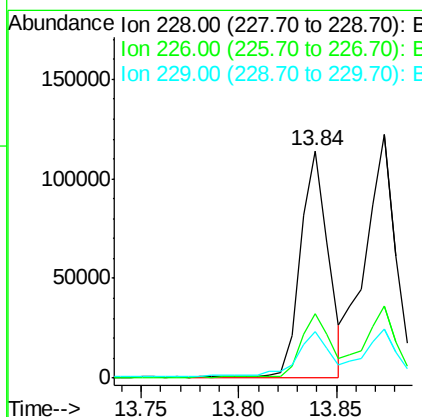
Manual Integrations
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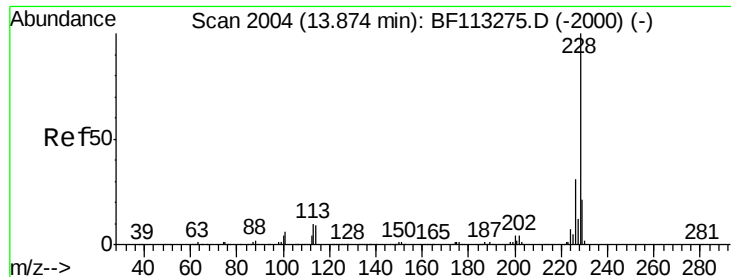
Sohil
 4/2/2019 3:49:44 PM



#81
 Benzo(a)anthracene
 Concen: 5.260 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF113482.D
 Acq: 1 Apr 2019 22:35

Tgt Ion:228 Resp: 111223
 Ion Ratio Lower Upper
 228 100
 226 28.5 21.8 32.8
 229 20.6 16.2 24.4





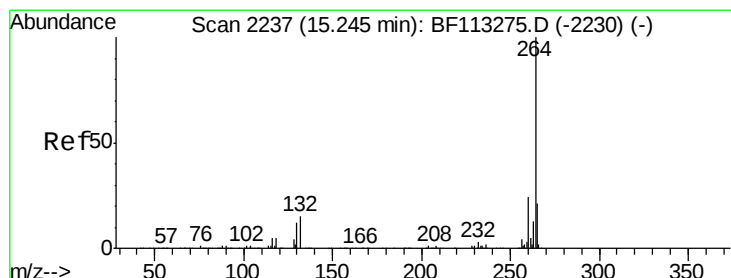
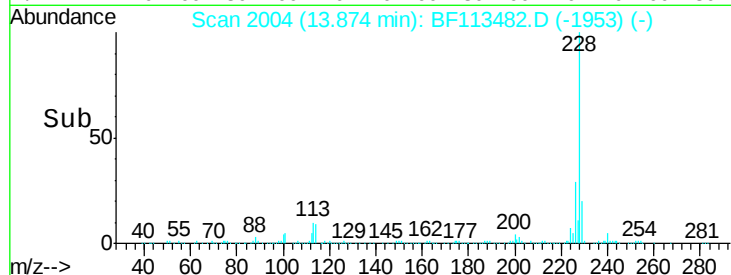
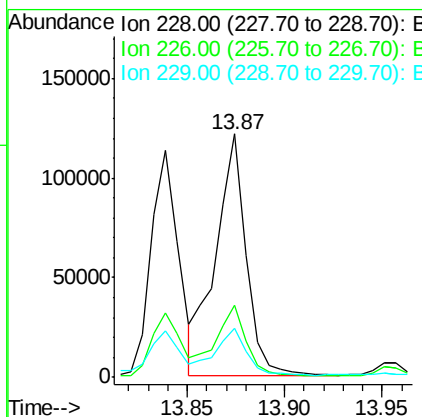
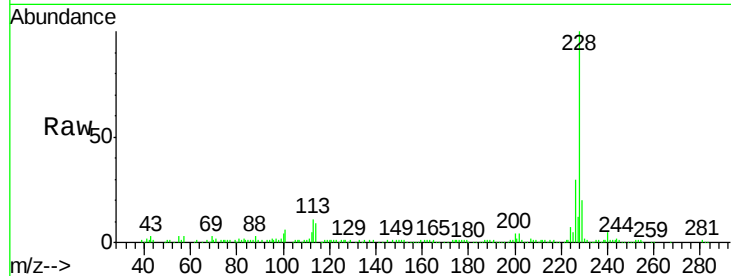
#83
Chrysene
Concen: 6.125 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Instrument :
BNA_F
ClientSampleId :
S8A(2-10)COMP

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	131546		
226	29.6	24.3	36.5	
229	20.4	16.3	24.5	

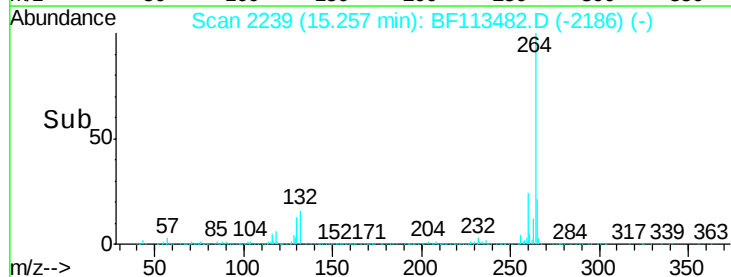
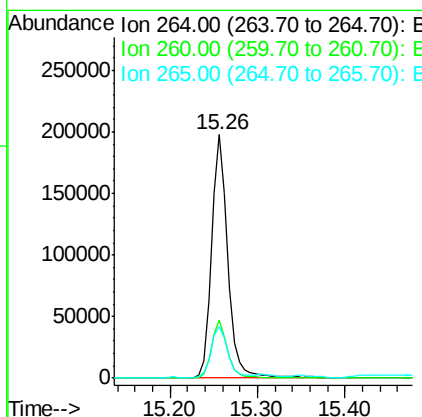
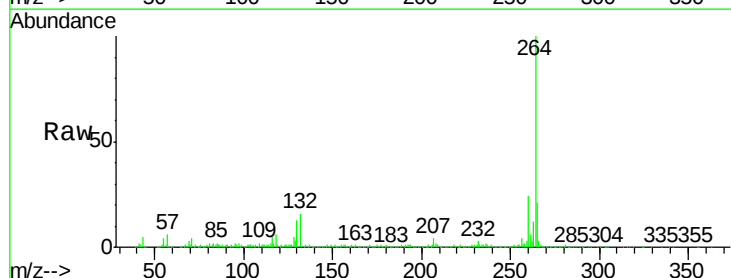
Manual Integrations
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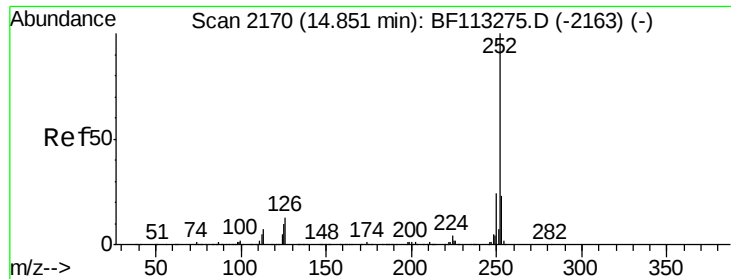
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	251795		
260	23.7	19.1	28.7	
265	21.3	17.1	25.7	





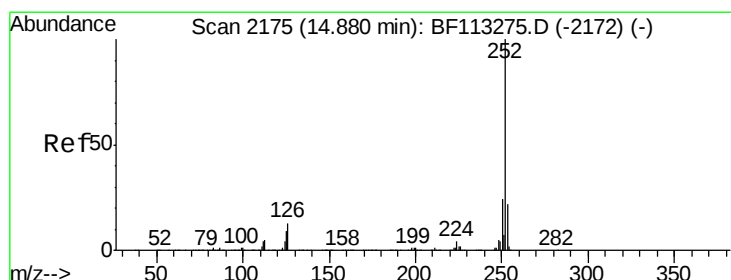
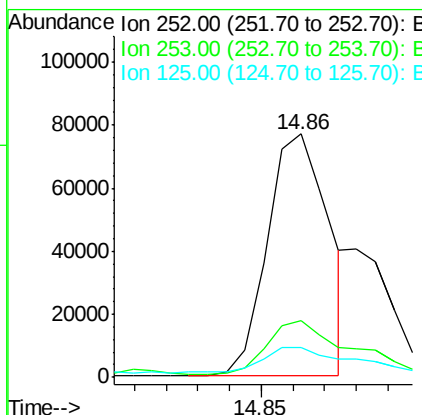
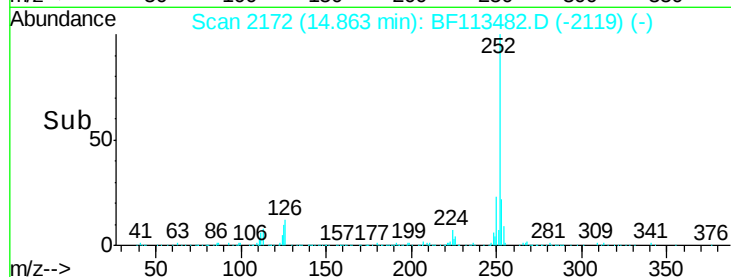
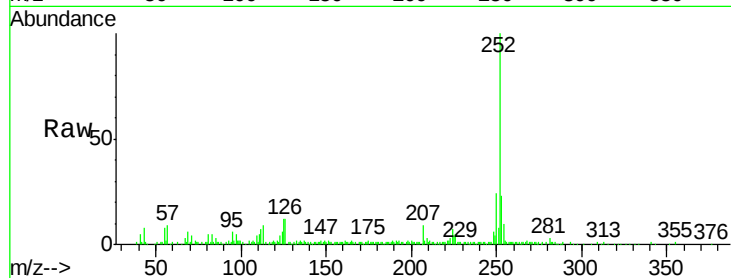
#88
Benzo(b)fluoranthene
Concen: 6.631 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Instrument :
BNA_F
ClientSampleId :
S8A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.2	7.6	11.4

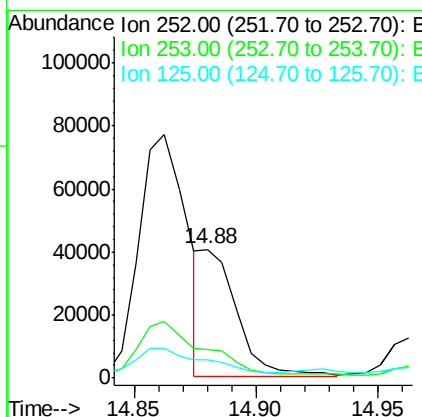
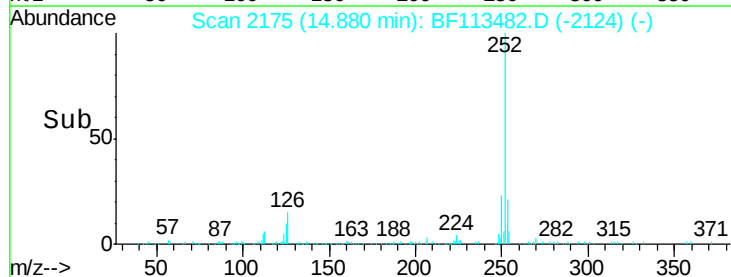
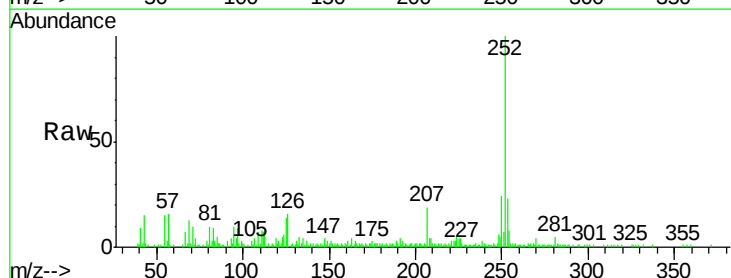
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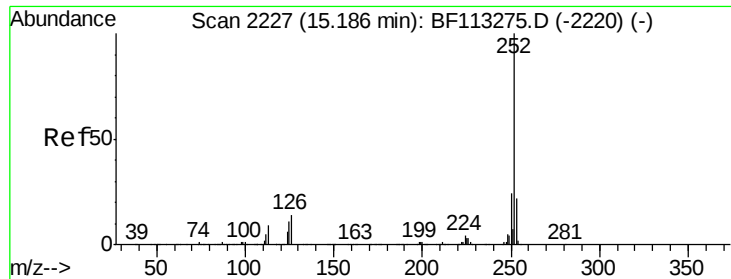
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.937 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113482.D
Acq: 1 Apr 2019 22:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	14.0	7.3	10.9





#90

Benzo(a)pyrene

Concen: 3.549 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF113482.D

Acq: 1 Apr 2019 22:35

Instrument :

BNA_F

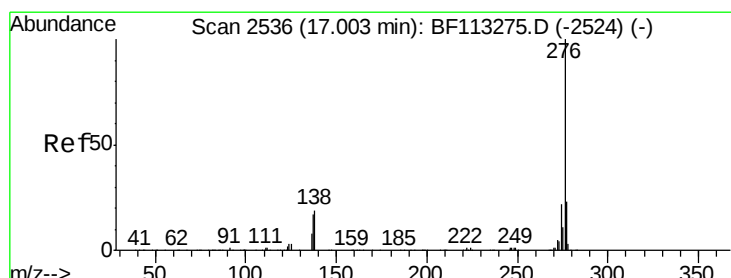
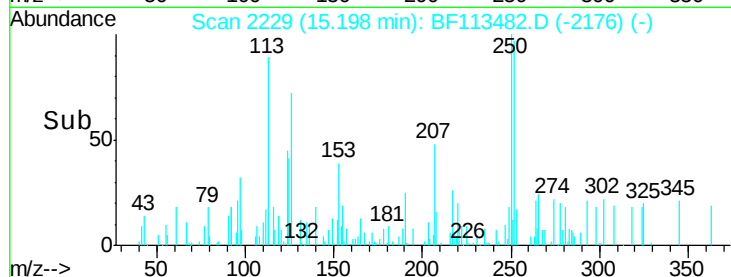
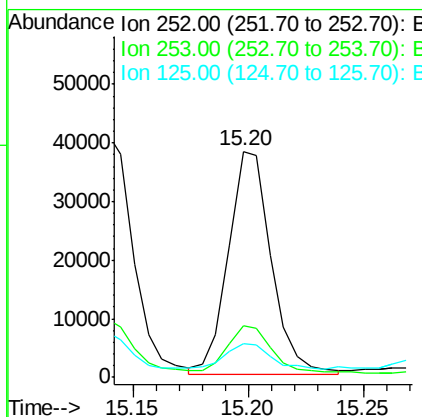
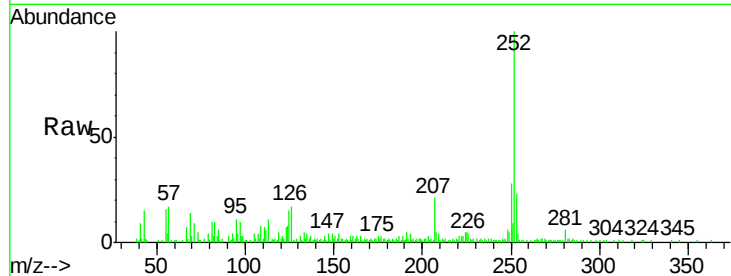
ClientSampleId :

S8A(2-10)COMP

Tgt Ion:	252	Resp:	49215
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	15.1	8.8	13.2#

Manual Integrations
APPROVED

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#92

Benzo(g,h,i)perylene

Concen: 2.580 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.04 min

Lab File: BF113482.D

Acq: 1 Apr 2019 22:35

Tgt Ion:	276	Resp:	31187
Ion Ratio	Lower	Upper	
276	100		
277	27.6	18.8	28.2
138	24.5	15.6	23.4#

