

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113025.D
 Acq On : 13 Mar 2019 2:41
 Operator : JU/SJ
 Sample : K1836-01 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Manual Integrations
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Sohil
 3/13/2019 11:40:56 AM

Quant Time: Mar 13 05:00:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	146269	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	278802	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	184216	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	359789	20.00	ng	0.00
76) Chrysene-d12	13.87	240	473348	20.00	ng	0.00
87) Perylene-d12	15.27	264	379921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	68794	7.32	ng	0.00
7) Phenol-d6	6.37	99	97714	8.27	ng	0.00
23) Nitrobenzene-d5	7.30	82	126564m	27.16	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	13082	6.69	ng	0.01
45) 2-Fluorobiphenyl	9.10	172	77579	4.22	ng	0.00
79) Terphenyl-d14	12.83	244	94721	3.88	ng	0.00
Target Compounds						
31) Naphthalene	8.05	128	636319	45.971	ng	Qvalue # 95
37) 2-Methylnaphthalene	8.74	142	634205	70.949	ng	98
38) 1-Methylnaphthalene	8.84	142	348599	40.258	ng	# 99
46) 1,1'-Biphenyl	9.20	154	114469	7.618	ng	96
58) Fluorene	10.32	166	55934	4.655	ng	# 49
71) Phenanthrene	11.27	178	47292	2.642	ng	# 65
78) Pyrene	12.69	202	127639	3.199	ng	97
84) Bis(2-ethylhexyl)phthalate	13.86	149	47407	2.295	ng	94

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

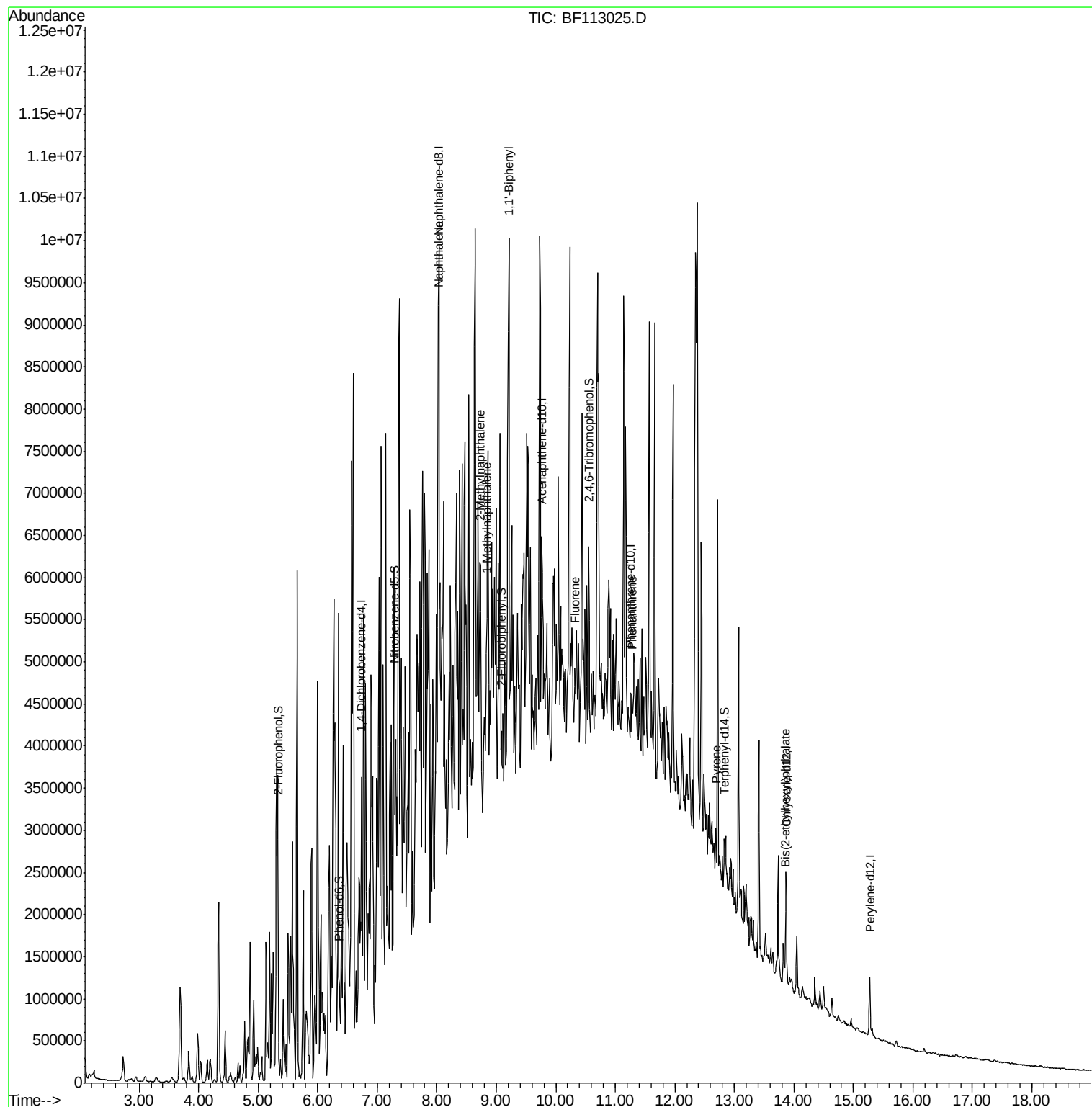
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113025.D
Acq On : 13 Mar 2019 2:41
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Sample : K1836-01 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

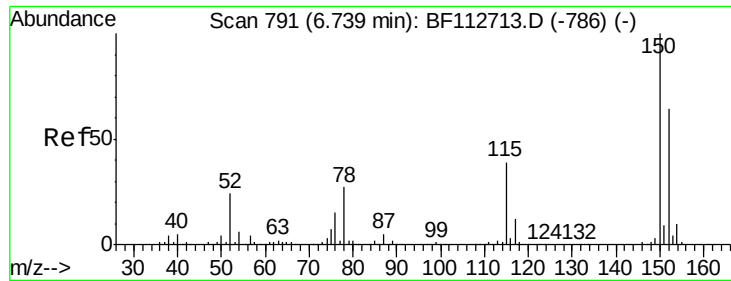
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

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3/13/2019 11:40:56 AM

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#1

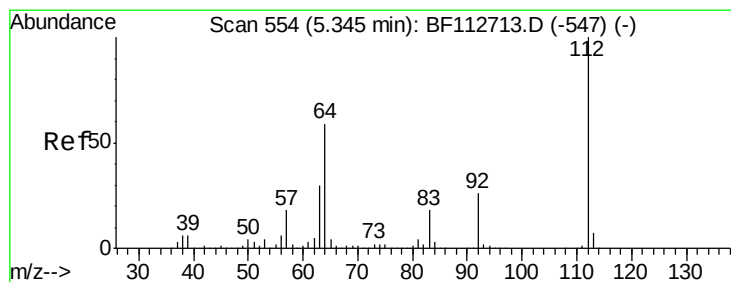
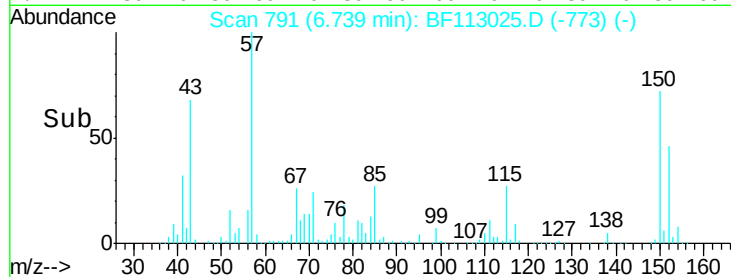
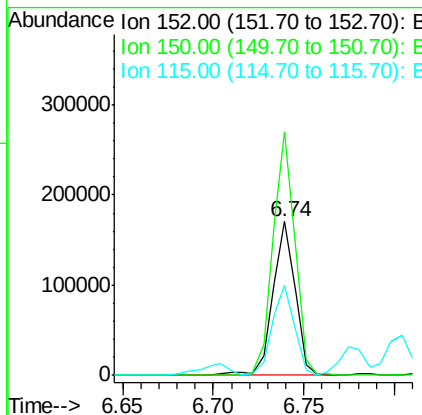
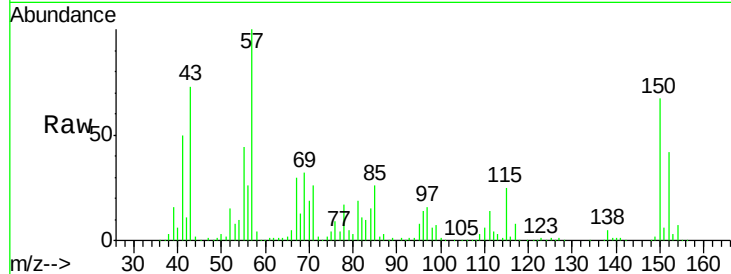
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.2
115	58.4	48.2	72.4

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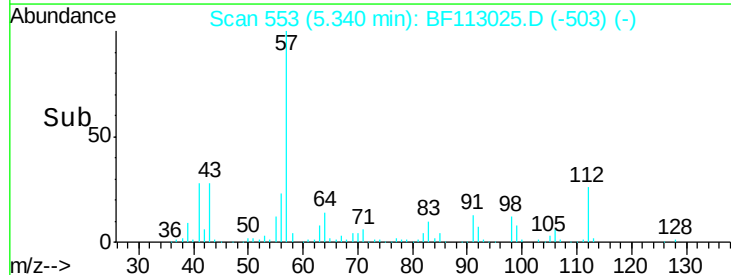
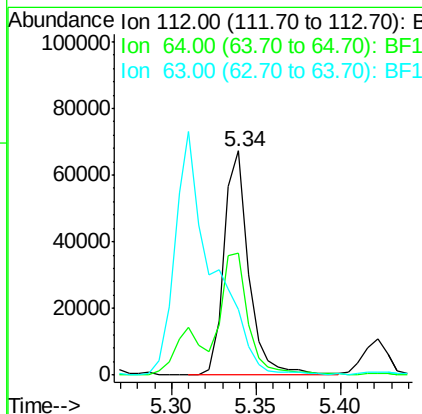
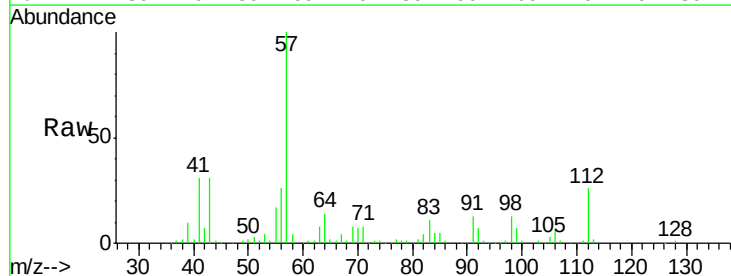
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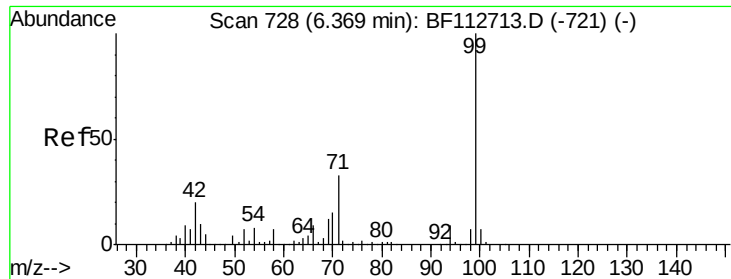


#5

2-Fluorophenol
Concen: 7.316 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.6	71.4
63	29.4	24.4	36.6





#7

Phenol-d6

Concen: 8.273 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113025.D

Acq: 13 Mar 2019 2:41

Instrument :

BNA_F

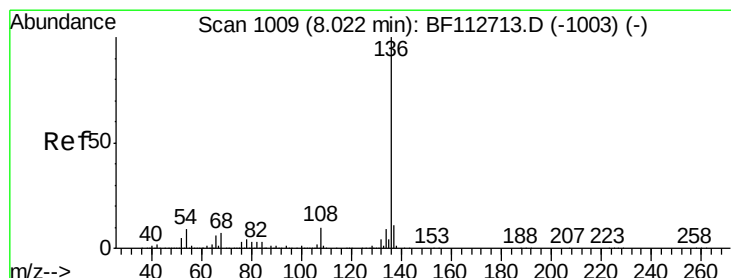
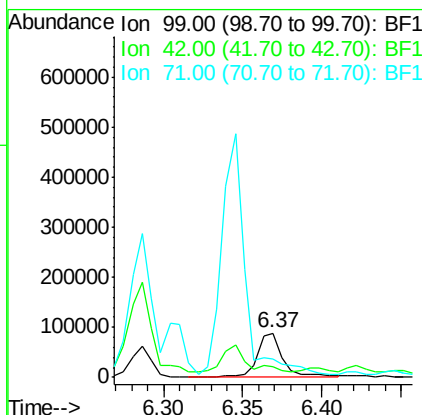
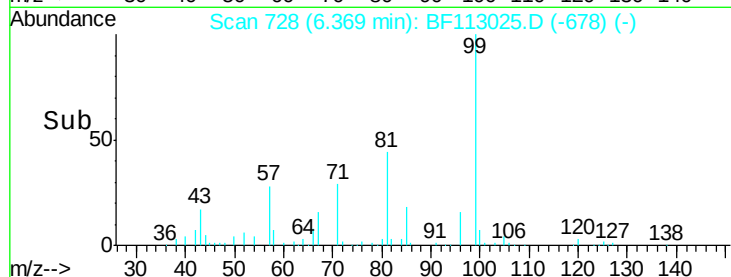
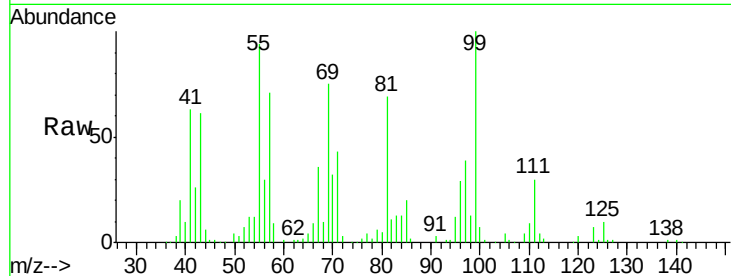
ClientSampleId :

OILY-DEBRIS

Tot Ion:	99	Resp:	97714
Ion Ratio	Lower	Upper	
99	100		
42	25.7	16.3	24.5#
71	42.8	26.2	39.4#

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#21

Naphthalene-d8

Concen: 20.000 ng

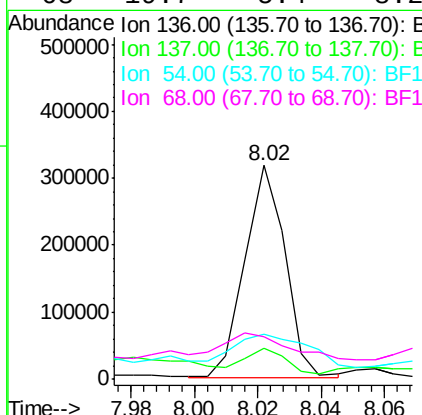
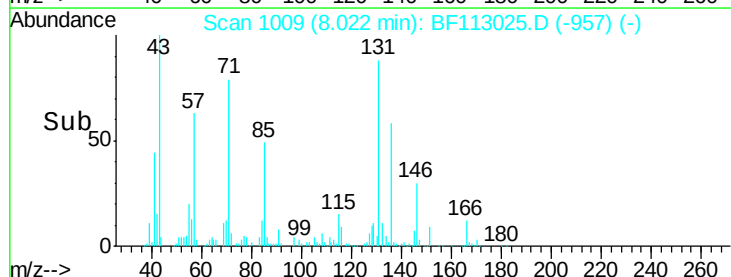
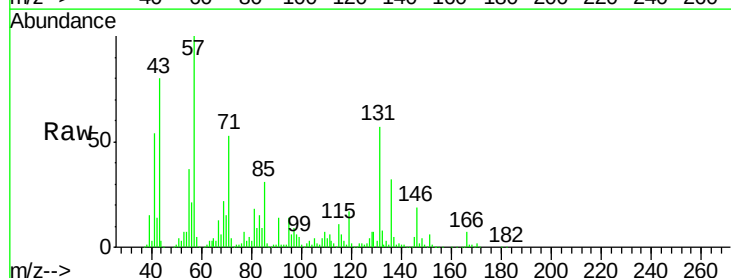
RT: 8.02 min Scan# 1009

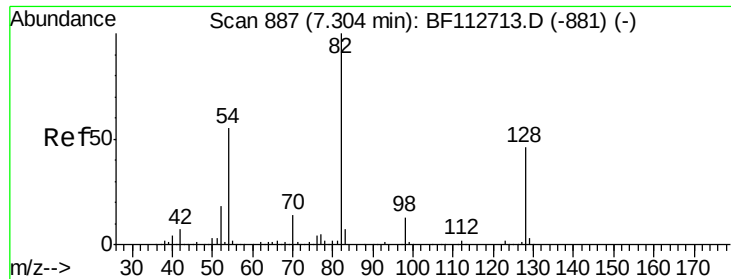
Delta R.T. 0.01 min

Lab File: BF113025.D

Acq: 13 Mar 2019 2:41

Tgt Ion:	136	Resp:	278802
Ion Ratio	Lower	Upper	
136	100		
137	14.3	8.9	13.3#
54	20.9	7.3	10.9#
68	19.7	5.4	8.2#





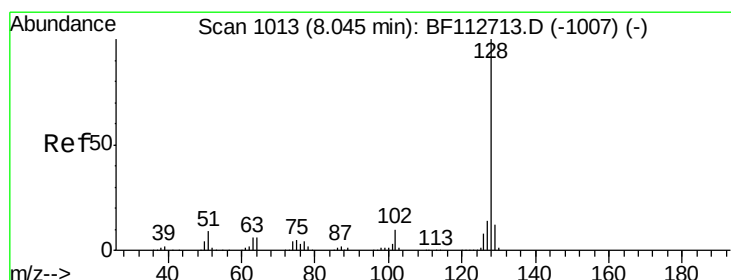
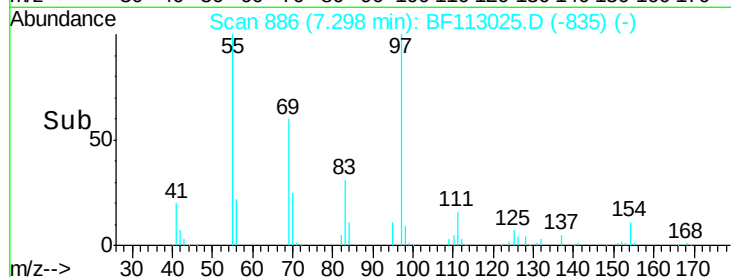
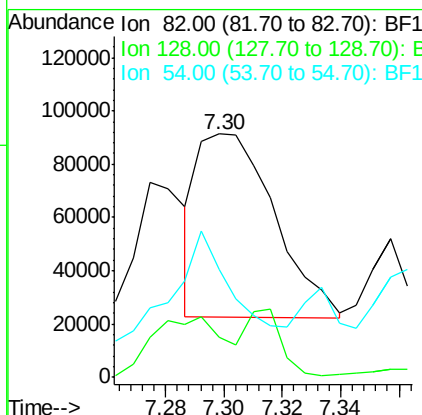
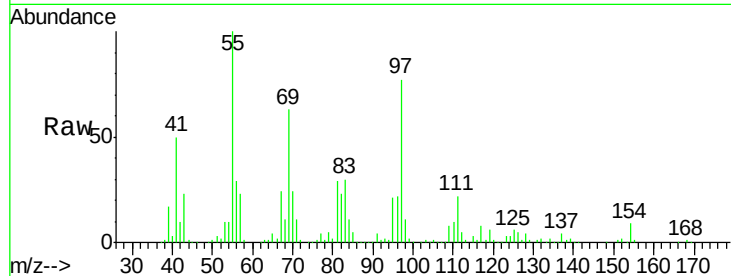
#23
Nitrobenzene-d5
Concen: 27.164 ng m
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Instrument :
BNA_F
ClientSampled :
OILY-DEBRIS

Tot Ion	82	Resp	126564
Ion	Ratio	Lower	Upper
82	100		
128	16.5	36.3	54.5#
54	44.3	43.7	65.5

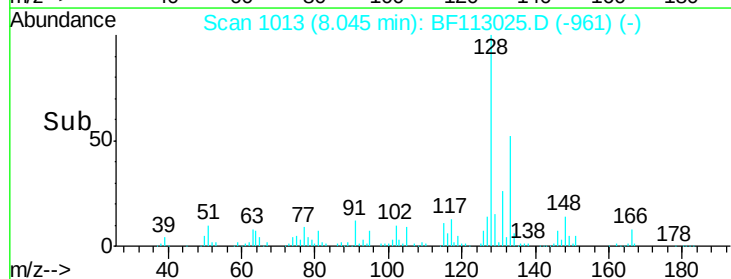
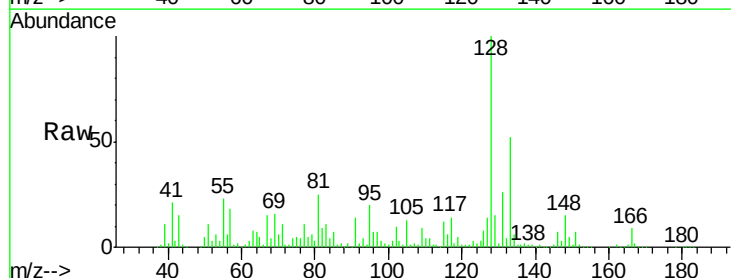
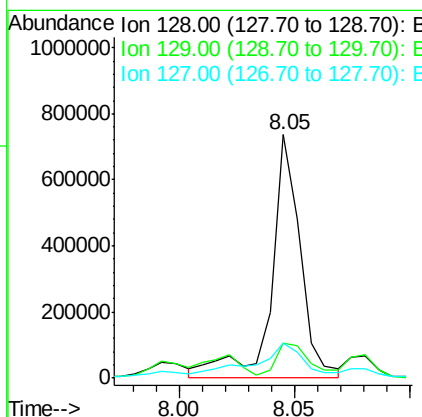
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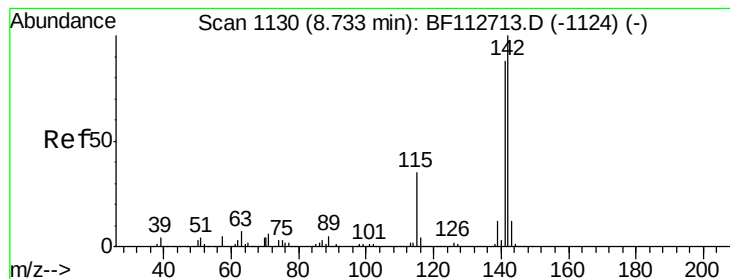
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#31
Naphthalene
Concen: 45.971 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Tgt Ion	128	Resp	636319
Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.3	13.9#
127	14.3	10.9	16.3





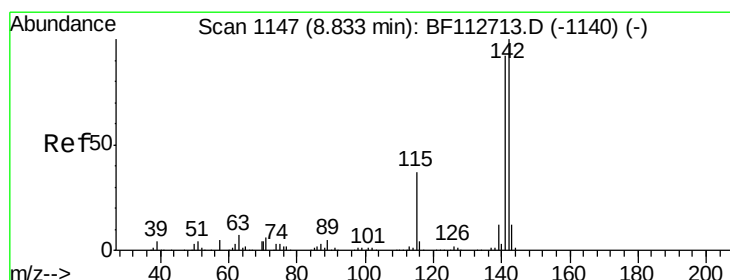
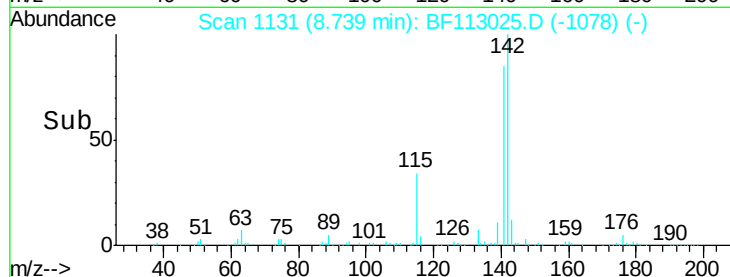
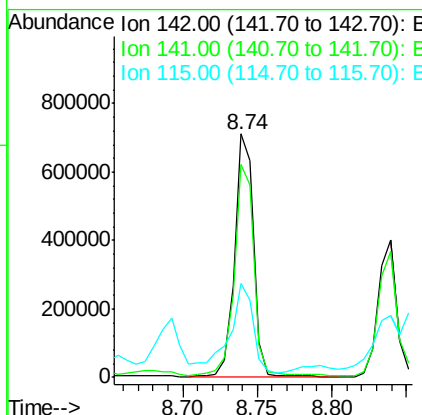
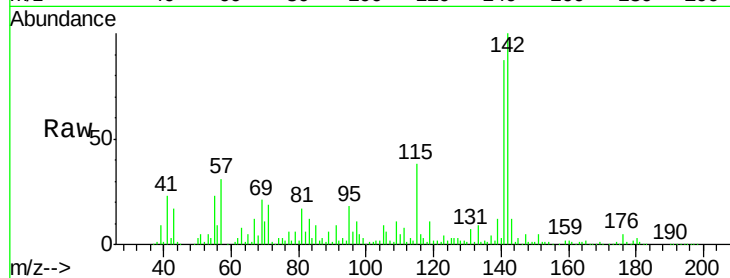
#37
2-Methylnaphthalene
Concen: 70.949 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5
115	38.4	27.8	41.6

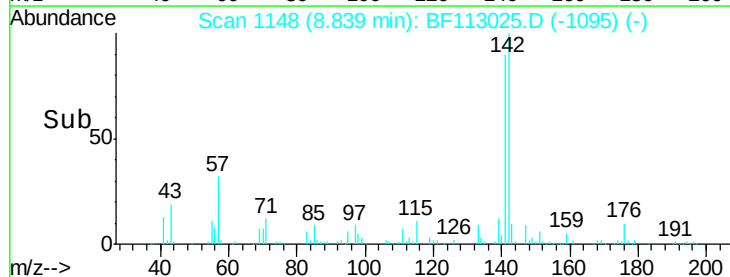
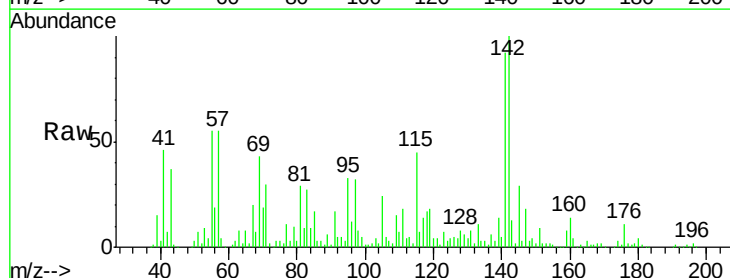
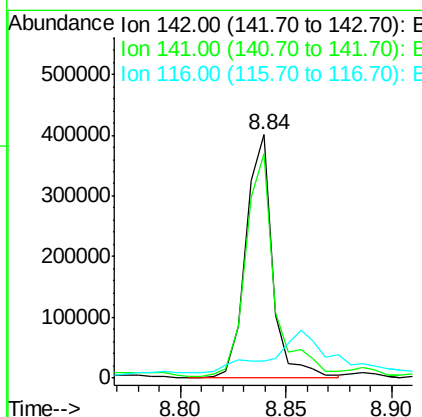
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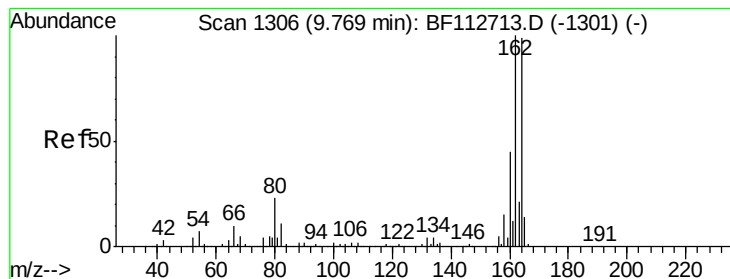
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#38
1-Methylnaphthalene
Concen: 40.258 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.7	110.5
116	6.9	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF113025.D

Acq: 13 Mar 2019 2:41

Instrument :

BNA_F

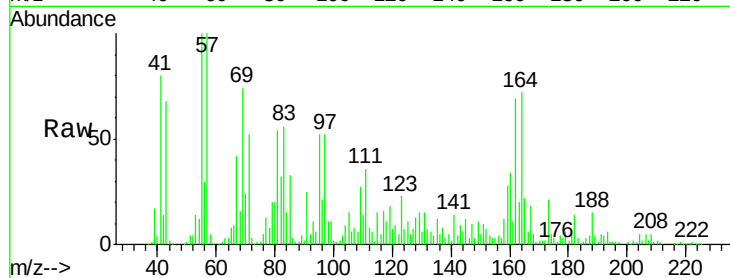
ClientSampleId :

OILY-DEBRIS

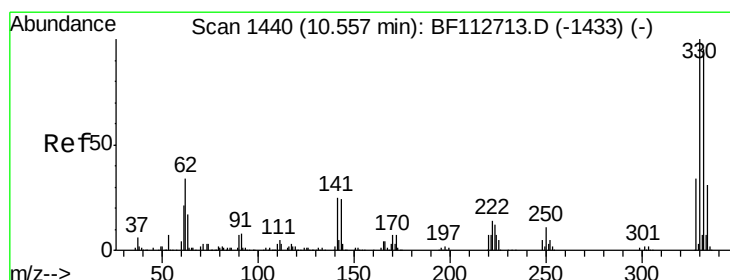
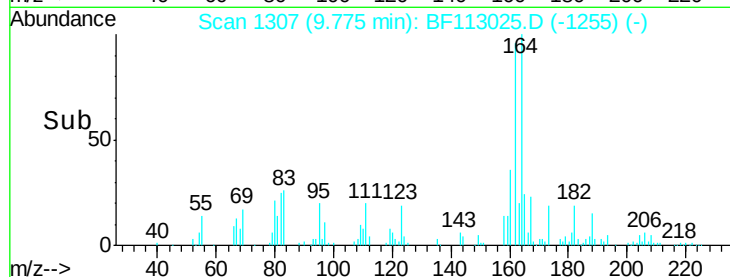
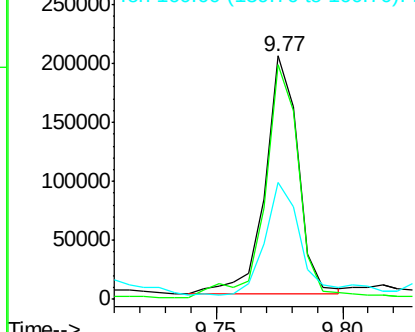
Tot Ion:	164	Resp:	184216
Ion Ratio	Lower	Upper	
164	100		
162	96.6	80.6	120.8
160	48.0	36.0	54.0

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 6.689 ng

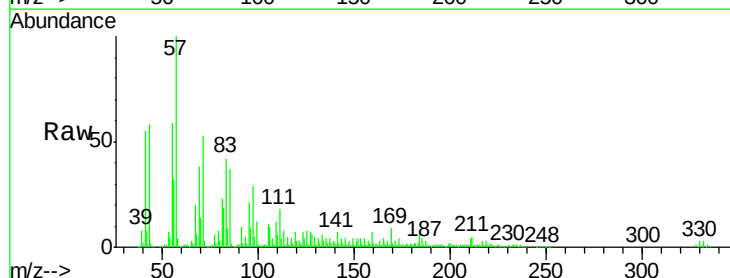
RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

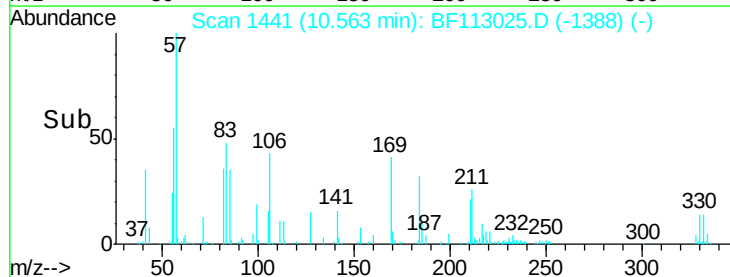
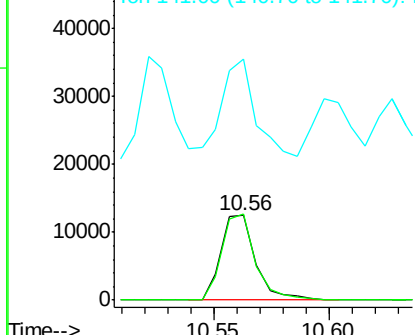
Lab File: BF113025.D

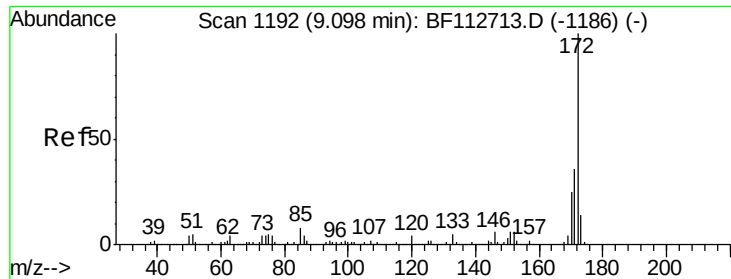
Acq: 13 Mar 2019 2:41

Tgt Ion:	330	Resp:	13082
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.2	114.4
141	116.6	27.0	40.6#



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





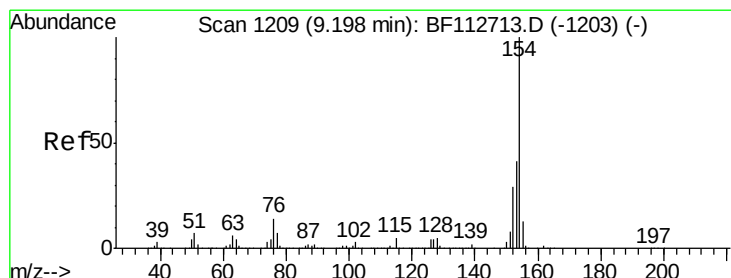
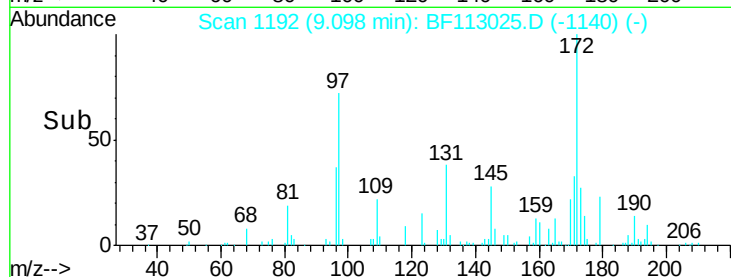
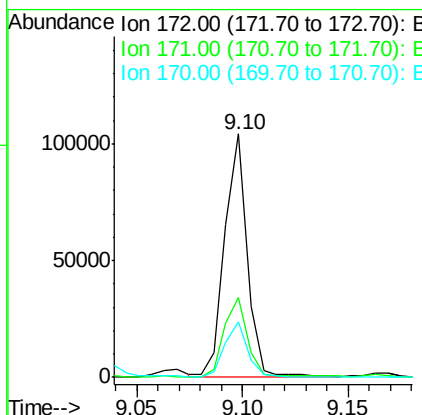
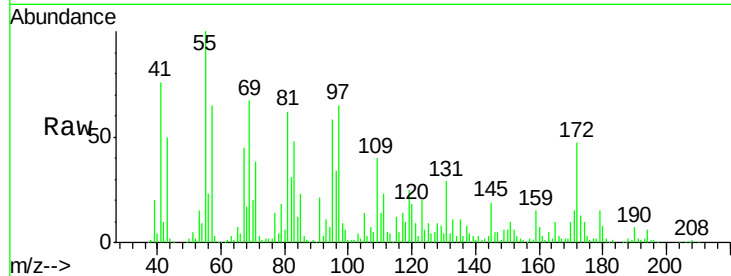
#45
2-Fluorobiphenyl
Concen: 4.223 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Instrument :
BNA_F
ClientSampled :
OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.7	29.0	43.4
170	22.5	20.0	30.0

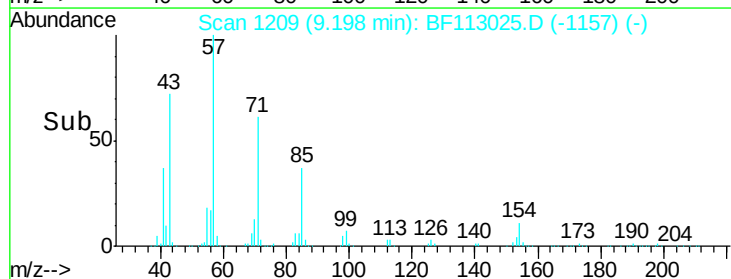
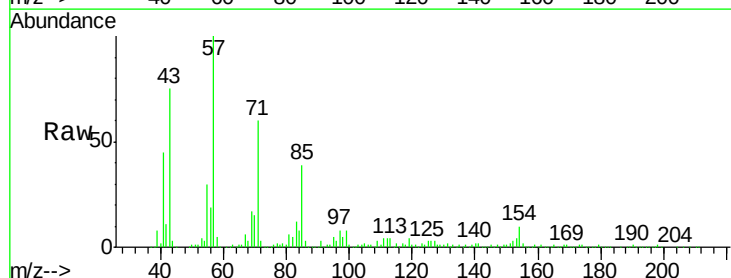
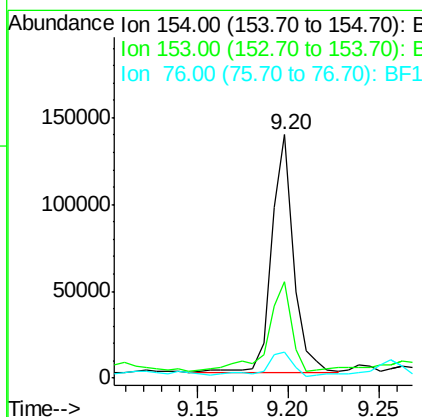
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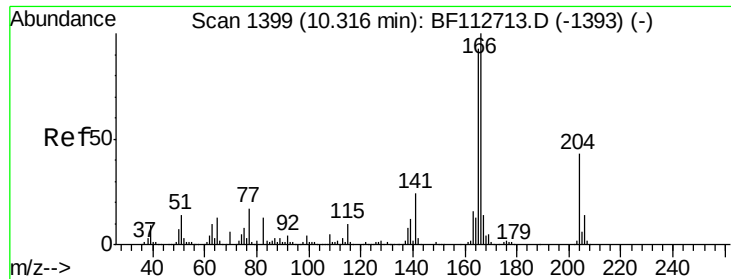
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#46
1,1'-Biphenyl
Concen: 7.618 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.8	60.8
76	10.8	0.0	33.8





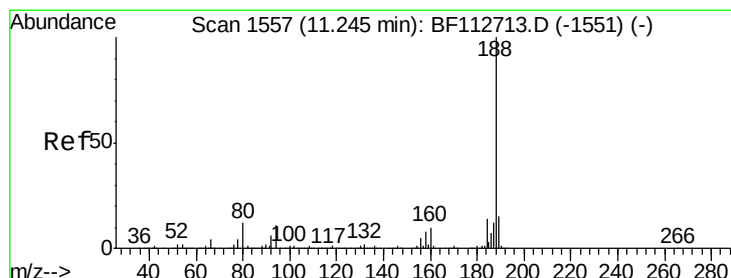
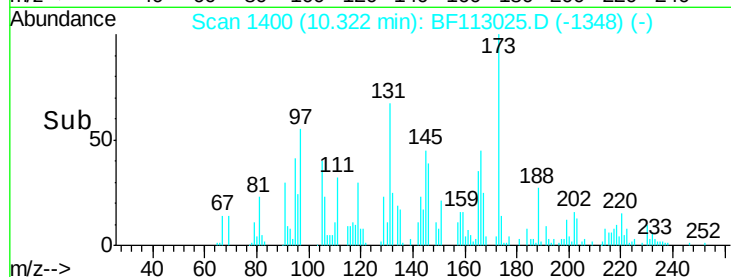
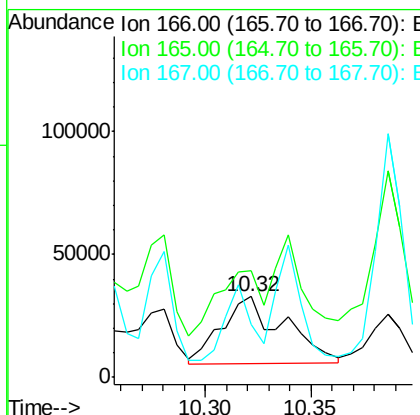
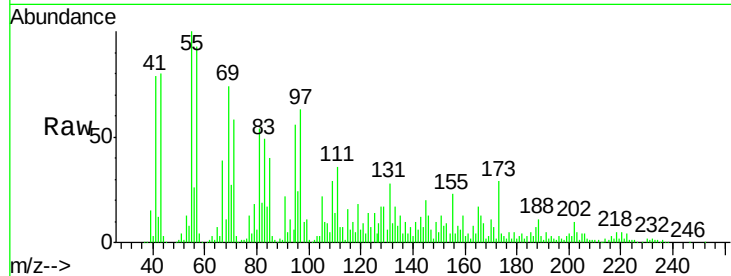
#58
Fluorene
Concen: 4.655 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Instrument :
BNA_F
ClientSampled :
OILY-DEBRIS

Tot Ion:166 Resp: 55934
Ion Ratio Lower Upper
166 100
165 132.0 74.7 112.1#
167 65.8 11.0 16.6#

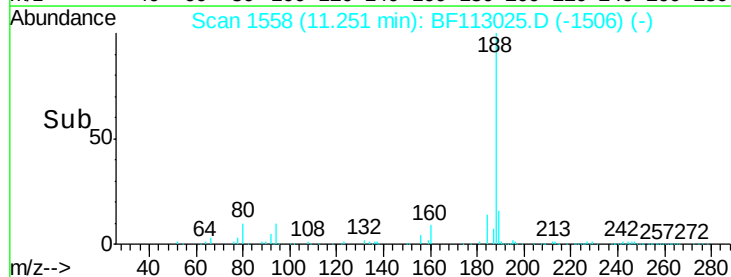
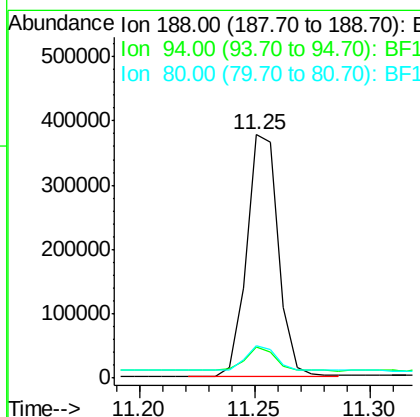
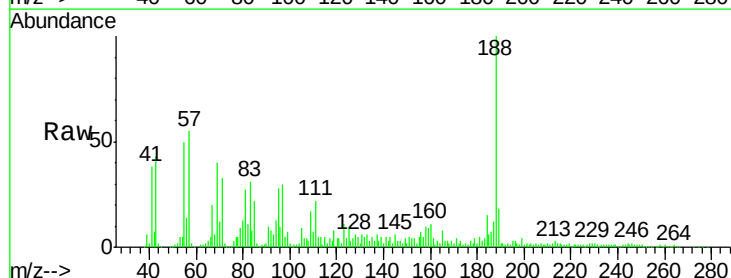
Manual Integrations
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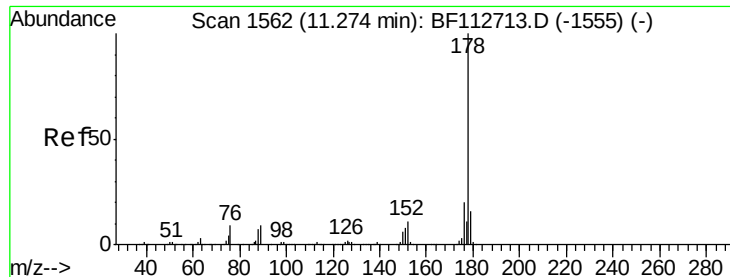
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Tgt Ion:188 Resp: 359789
Ion Ratio Lower Upper
188 100
94 13.0 9.0 13.4
80 13.3 9.2 13.8





#71

Phenanthrene

Concen: 2.642 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF113025.D

Acq: 13 Mar 2019 2:41

Instrument :

BNA_F

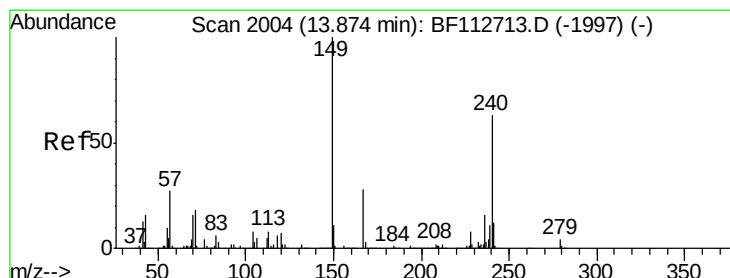
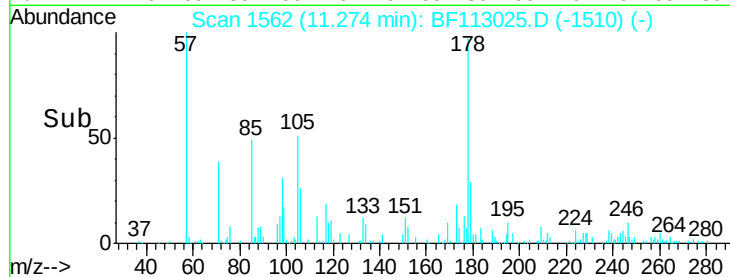
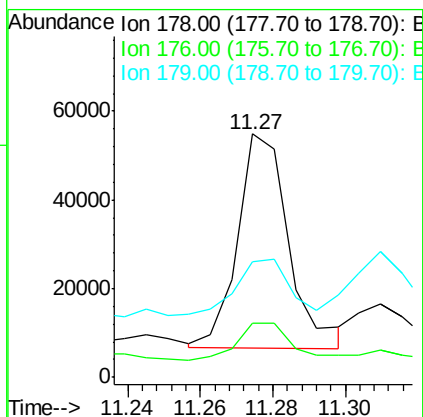
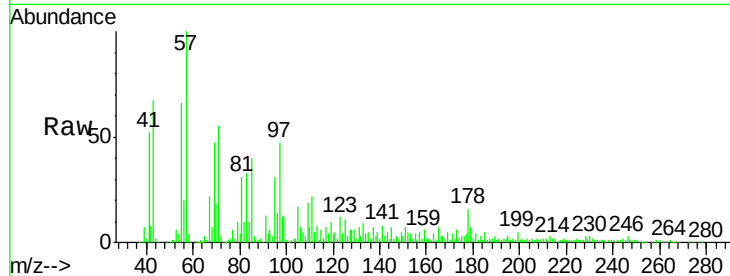
ClientSampled :

OILY-DEBRIS

Tot Ion:178	Resp:	47292
Ion Ratio	Lower	Upper
178	100	
176	22.4	16.3 24.5
179	47.7	12.7 19.1#

Manual Integrations
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Sohil
3/13/2019 11:40:56 AM



#76

Chrysene-d12

Concen: 20.000 ng

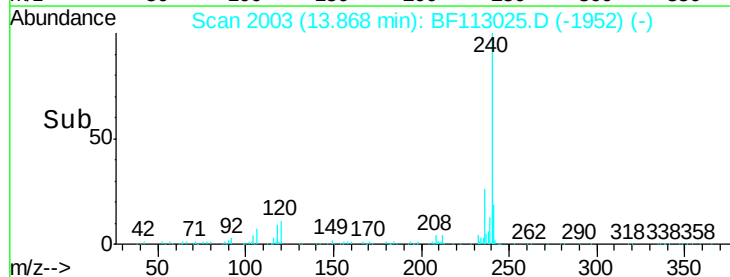
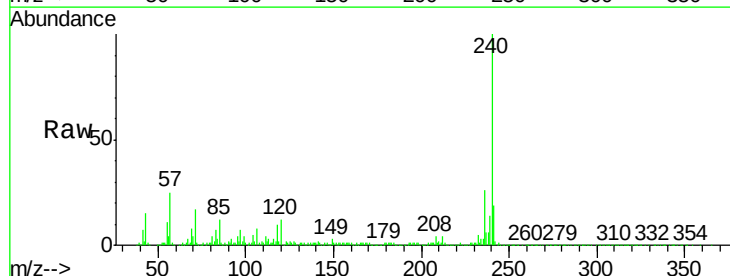
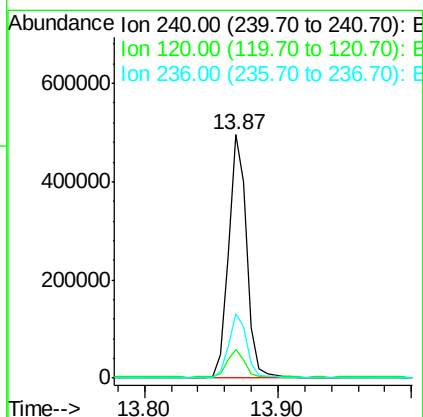
RT: 13.87 min Scan# 2003

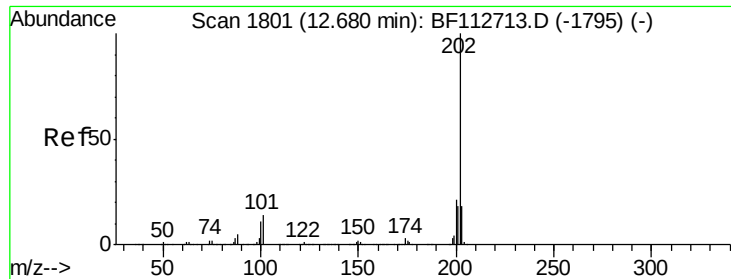
Delta R.T. -0.00 min

Lab File: BF113025.D

Acq: 13 Mar 2019 2:41

Tgt Ion:240	Resp:	473348
Ion Ratio	Lower	Upper
240	100	
120	11.9	8.9 13.3
236	26.3	20.7 31.1





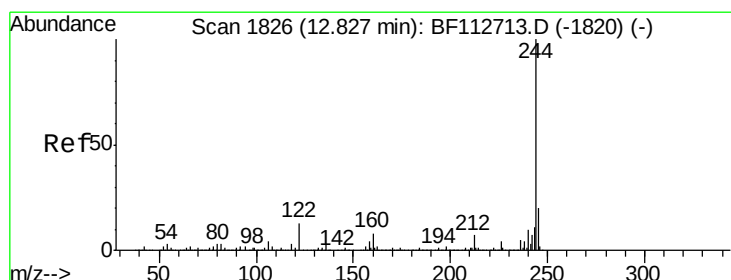
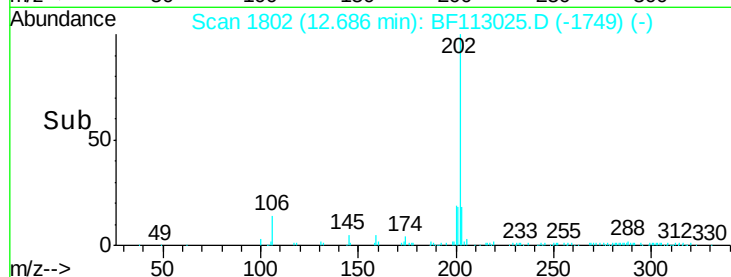
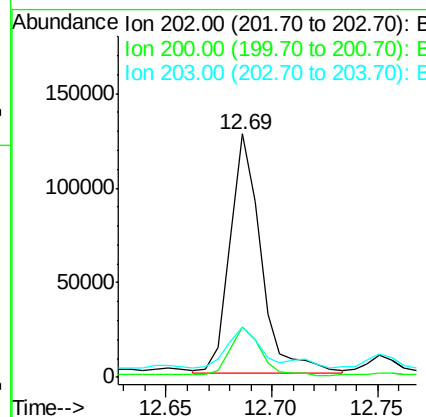
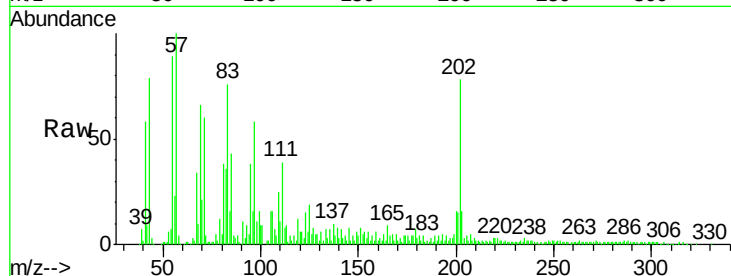
#78
Pvrene
Concen: 3.199 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.0	25.4
203	20.5	14.4	21.6

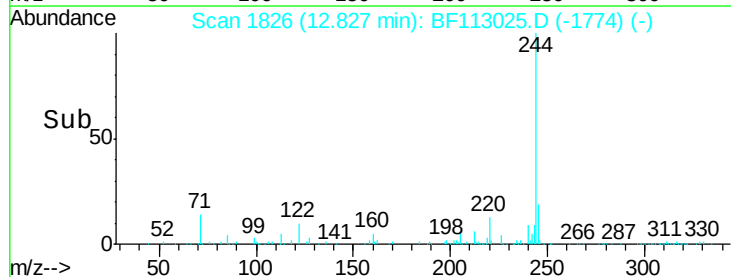
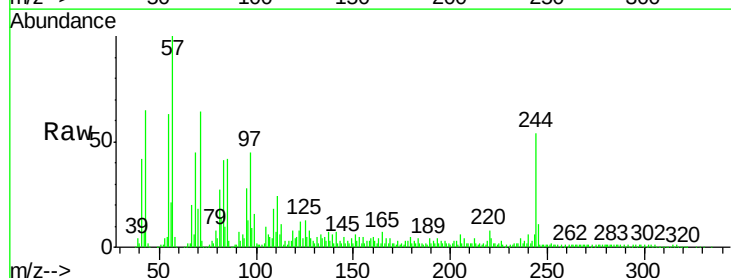
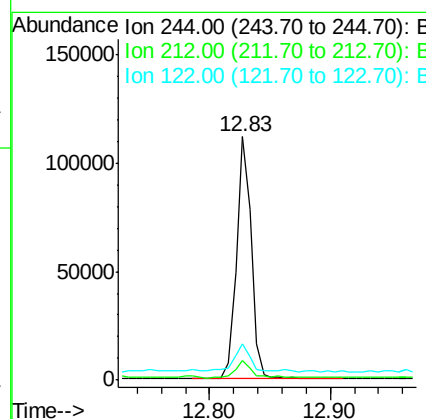
Manual Integrations
APPROVED

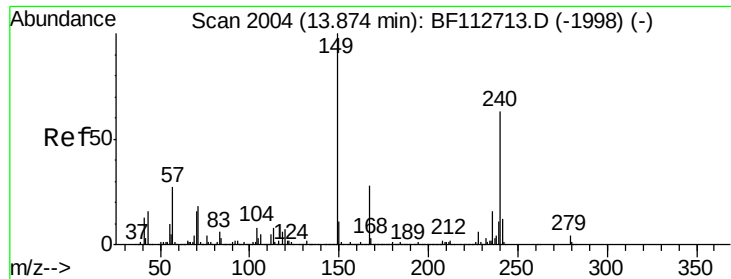
Sohil
3/13/2019 11:40:56 AM



#79
Terphenyl-d14
Concen: 3.879 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF113025.D
Acq: 13 Mar 2019 2:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	5.6	8.4
122	14.9	10.5	15.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.295 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113025.D

Acq: 13 Mar 2019 2:41

Instrument :

BNA_F

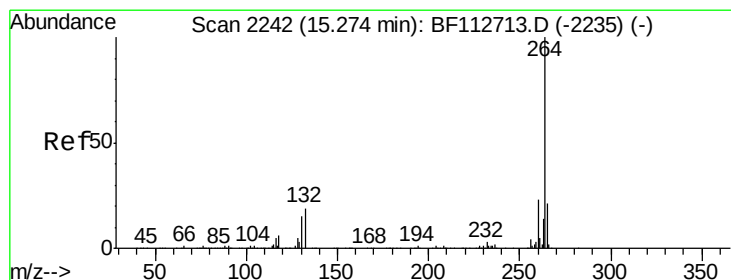
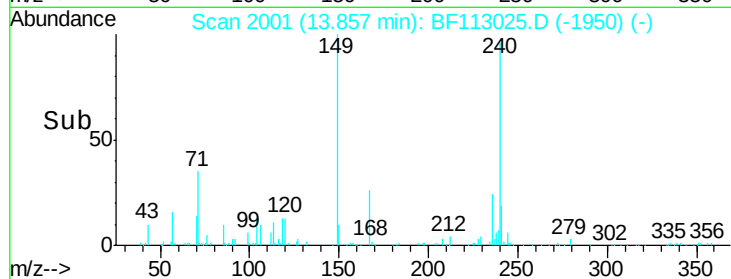
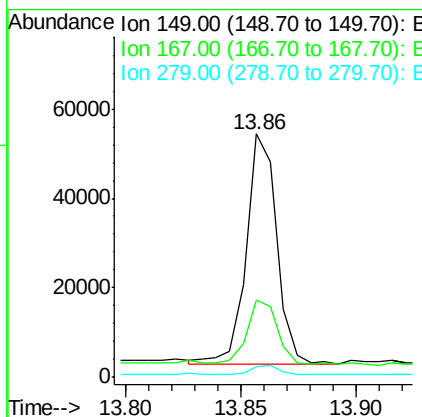
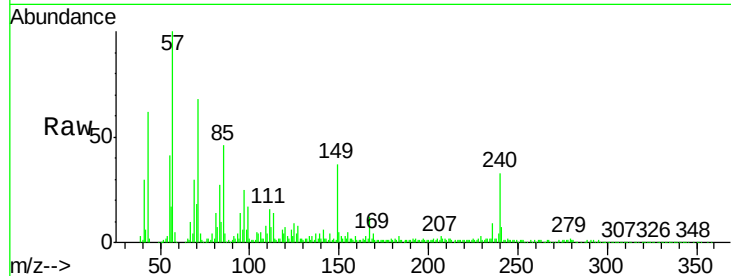
ClientSampleId :

OILY-DEBRIS

Tot Ion:	149	Resp:	47407
Ion Ratio	Lower	Upper	
149	100		
167	31.7	22.4	33.6
279	4.3	3.3	4.9

Manual Integrations
APPROVED

Sohil
3/13/2019 11:40:56 AM



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113025.D

Acq: 13 Mar 2019 2:41

Tgt Ion:	264	Resp:	379921
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	21.4	17.2	25.8

