

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112897.D
 Acq On : 6 Mar 2019 22:24
 Operator : JU/SJ
 Sample : K1738-02 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Mar 07 04:45:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	168761	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	631585	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	188388	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	246918	20.00	ng	0.02
76) Chrysene-d12	13.88	240	395079	20.00	ng	0.00
87) Perylene-d12	15.27	264	539776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	51376	4.74	ng	-0.01
7) Phenol-d6	6.36	99	72248	5.30	ng	-0.01
23) Nitrobenzene-d5	7.29	82	37342	3.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	8237	4.12	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	72730	3.74	ng	-0.01
79) Terphenyl-d14	12.84	244	45132	2.21	ng	0.01

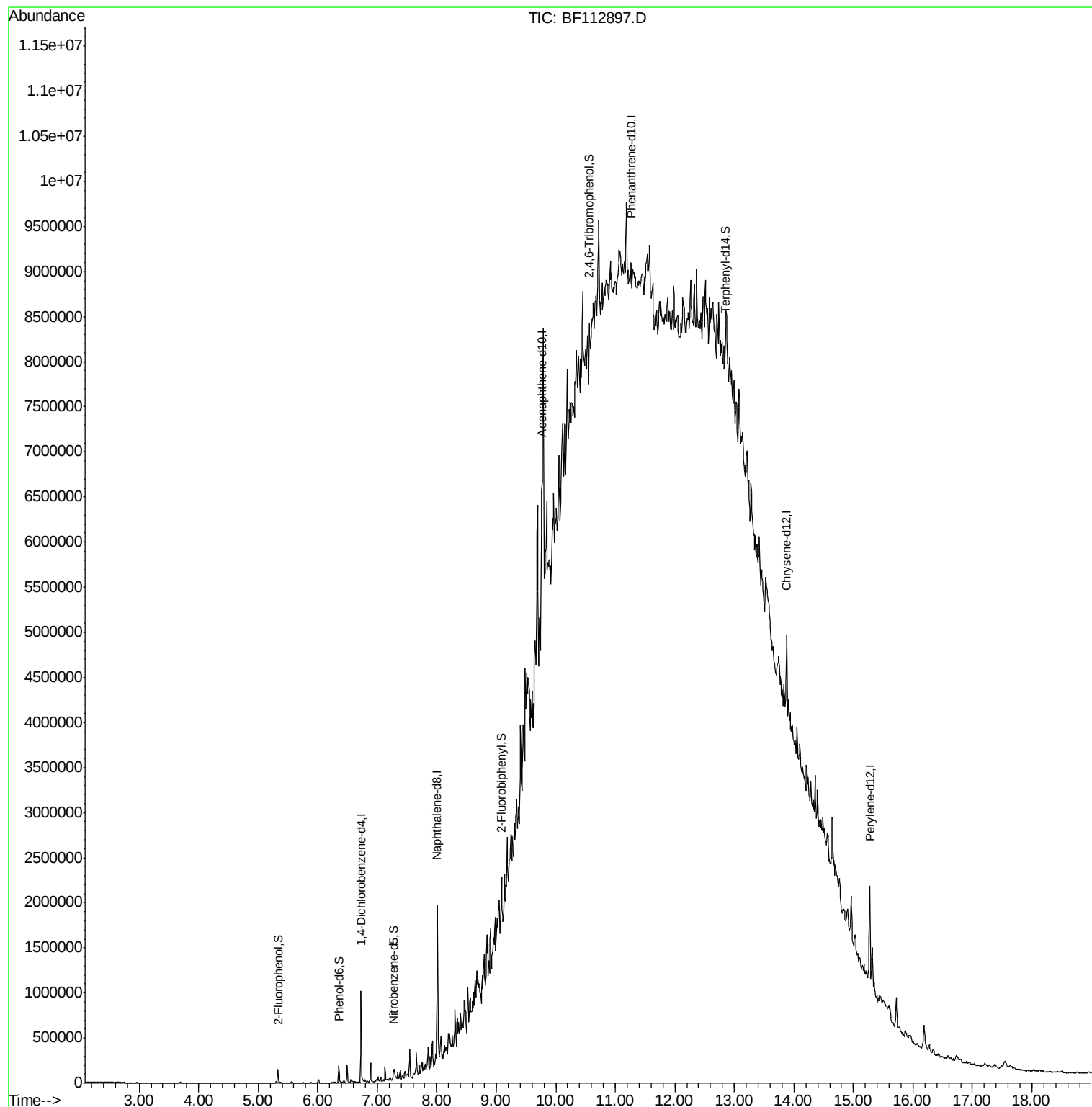
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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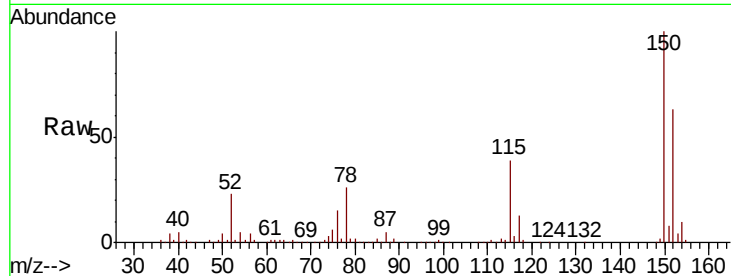


#1

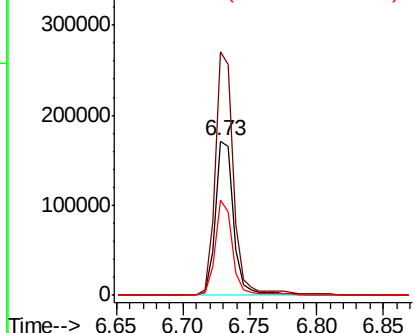
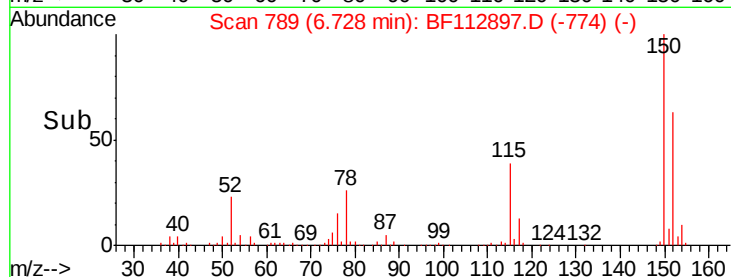
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:152 Resp: 168761
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.2 186.2
 115 61.4 48.2 72.4



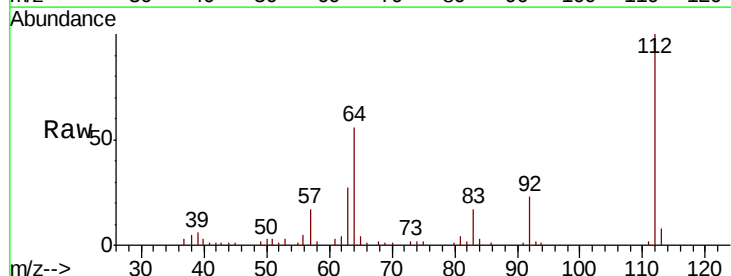
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



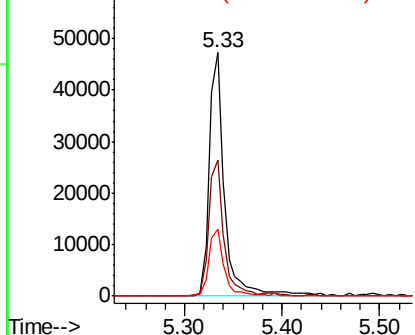
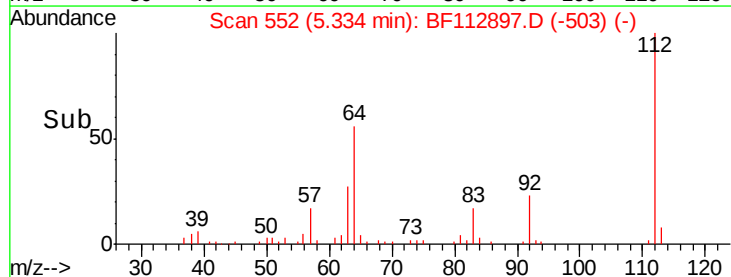
#5

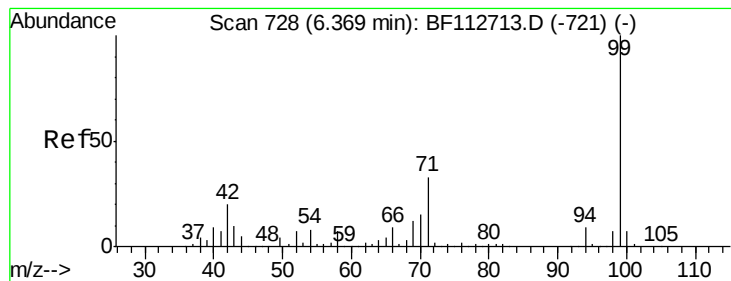
2-Fluorophenol
 Concen: 4.736 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112897.D
 Acq: 6 Mar 2019 22:24

Tgt Ion:112 Resp: 51376
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.6 71.4
 63 27.4 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 5.301 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

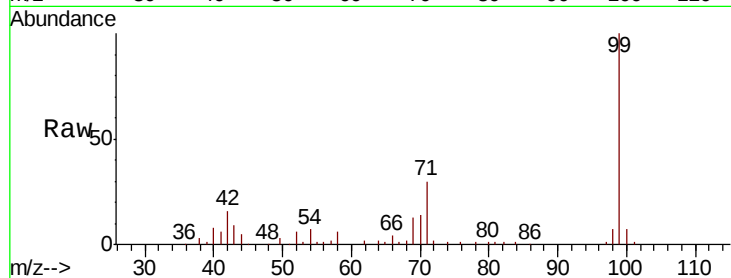
Tot Ion: 99 Resp: 72248

Ion Ratio Lower Upper

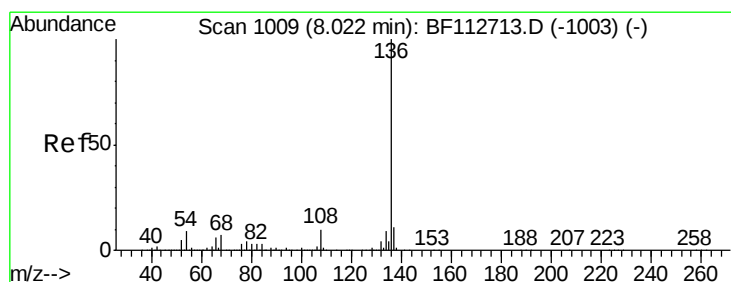
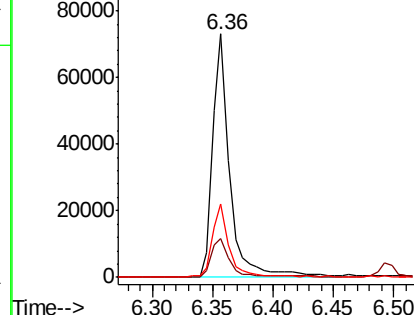
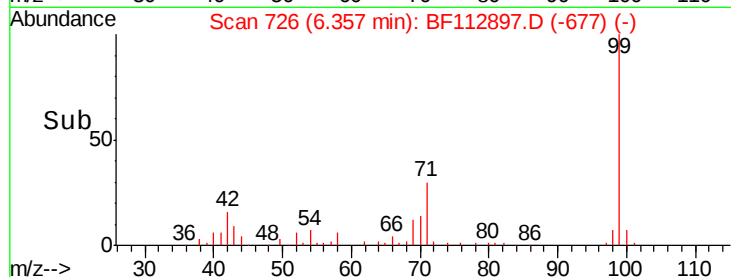
99 100

42 16.2 16.3 24.5#

71 30.1 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Tgt Ion: 136 Resp: 631585

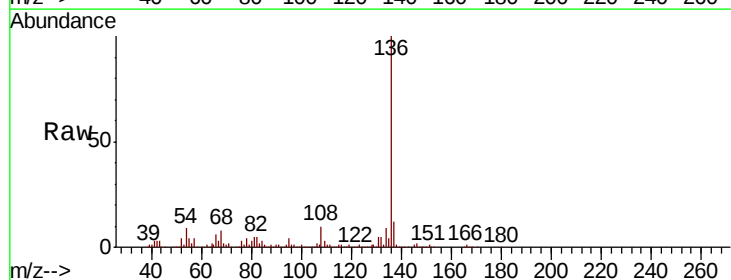
Ion Ratio Lower Upper

136 100

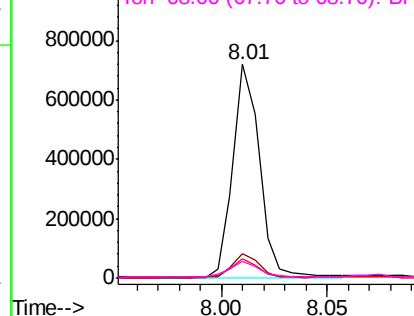
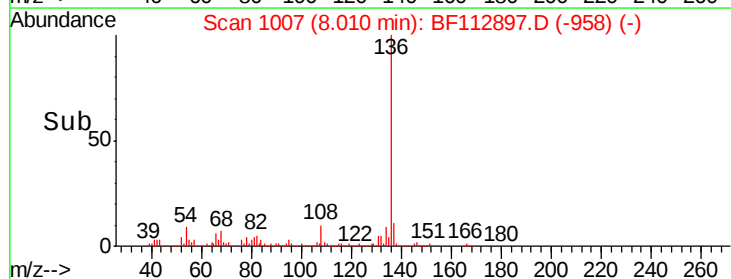
137 11.7 8.9 13.3

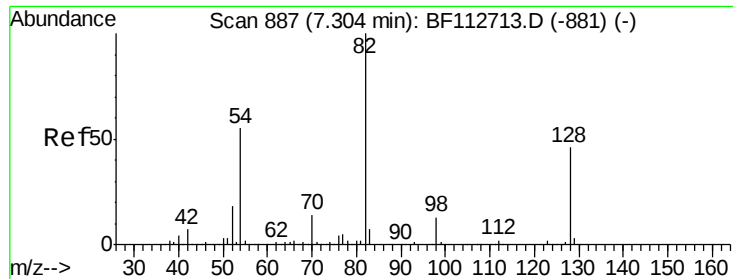
54 8.9 7.3 10.9

68 7.5 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

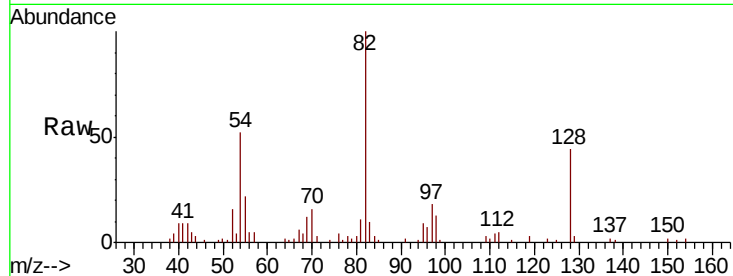




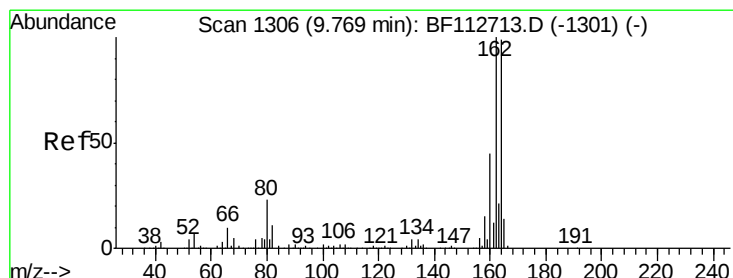
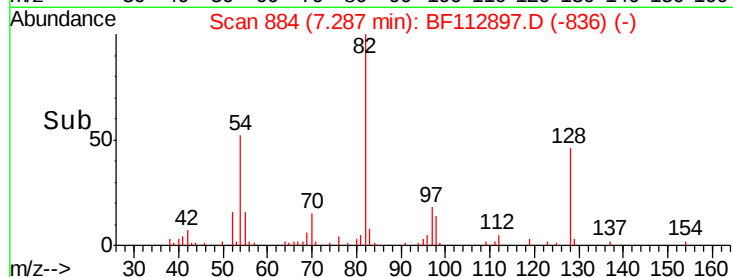
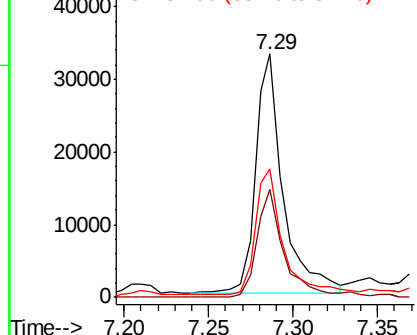
#23
Nitrobenzene-d5
Concen: 3.538 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion: 82 Resp: 37342
Ion Ratio Lower Upper
82 100
128 44.4 36.3 54.5
54 52.5 43.7 65.5

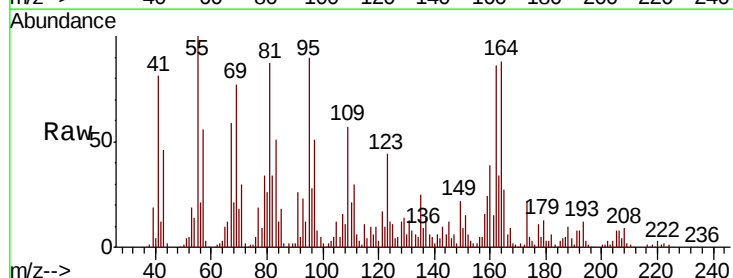


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

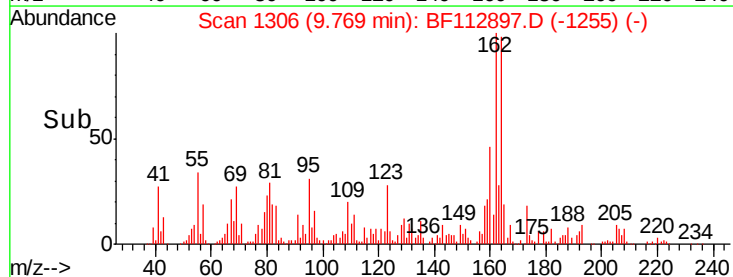
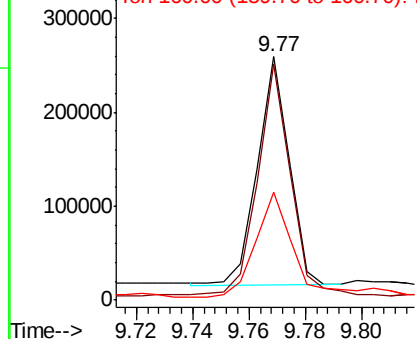


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Tgt Ion:164 Resp: 188388
Ion Ratio Lower Upper
164 100
162 96.8 80.6 120.8
160 44.6 36.0 54.0



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: 4.119 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

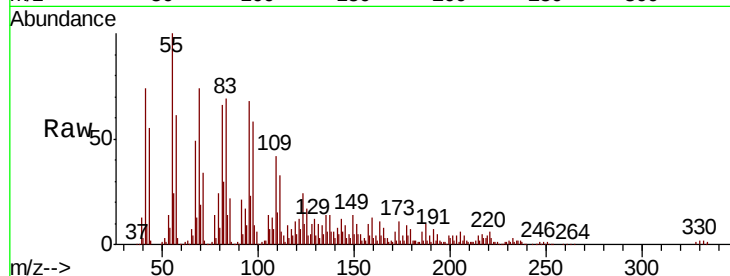
Tot Ion:330 Resp: 8237

Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

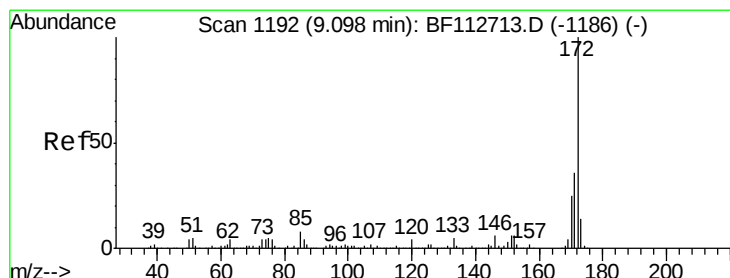
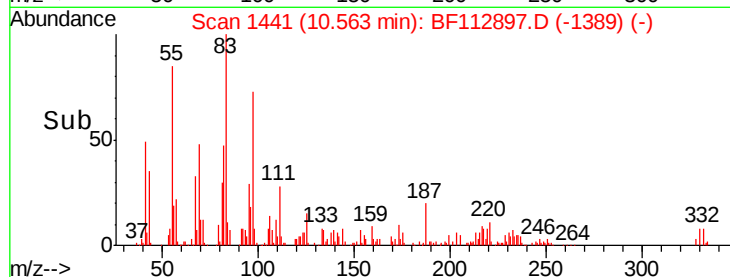
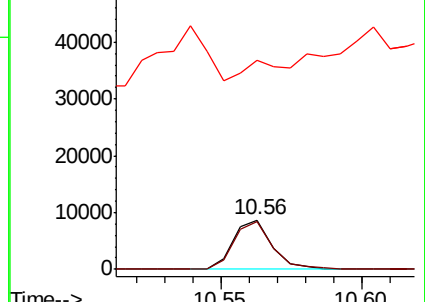
141 0.0 27.0 40.6#



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: 3.738 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

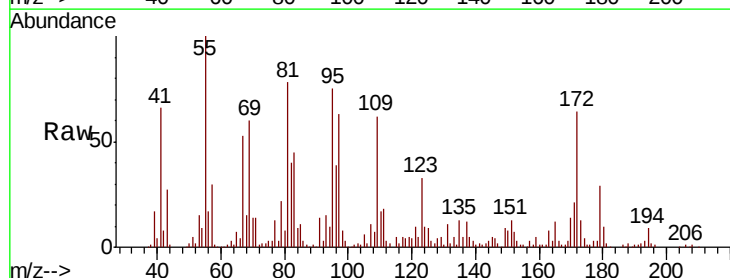
Tgt Ion:172 Resp: 72730

Ion Ratio Lower Upper

172 100

171 33.0 29.0 43.4

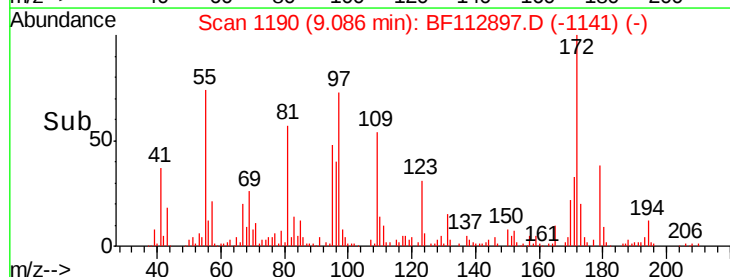
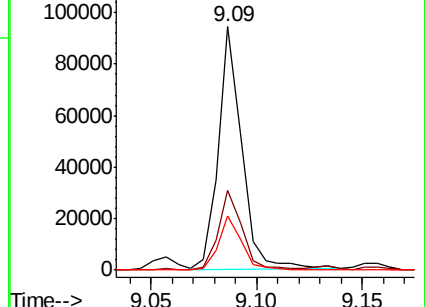
170 22.4 20.0 30.0

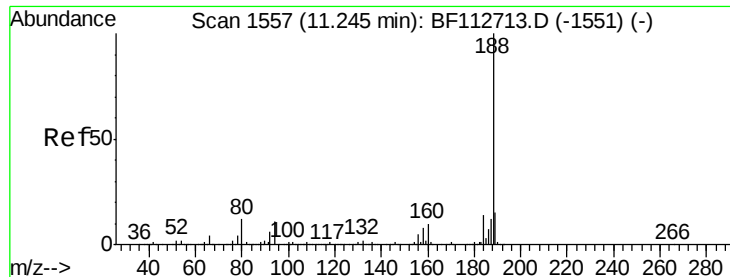


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

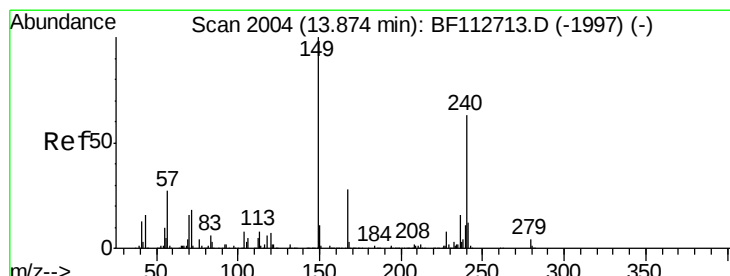
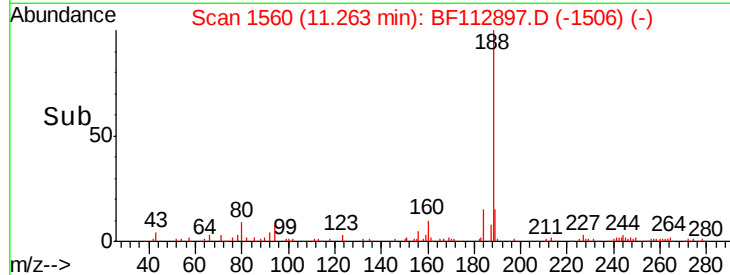
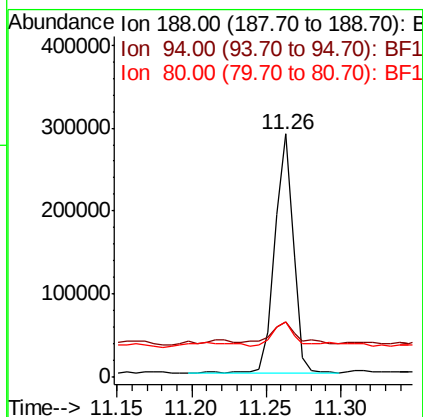
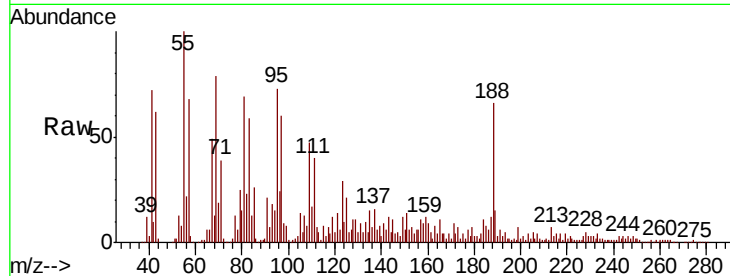




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

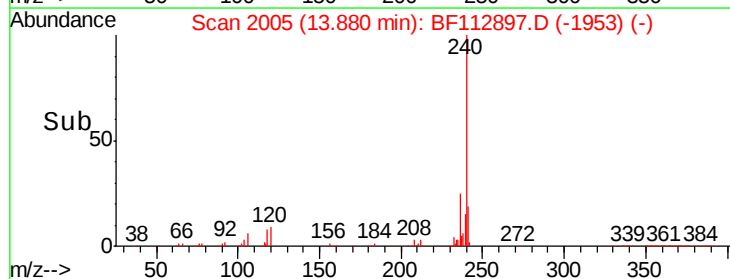
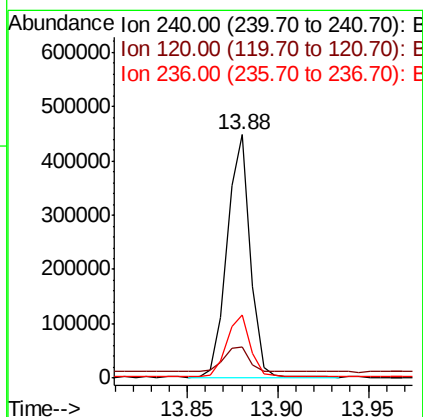
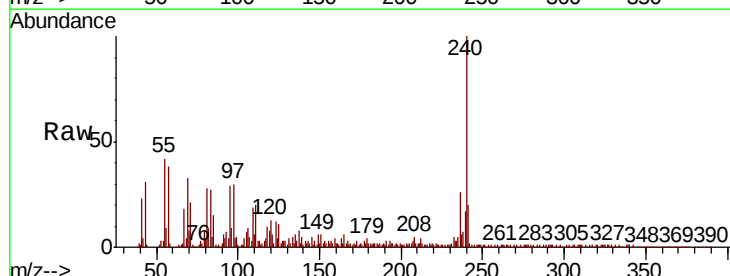
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

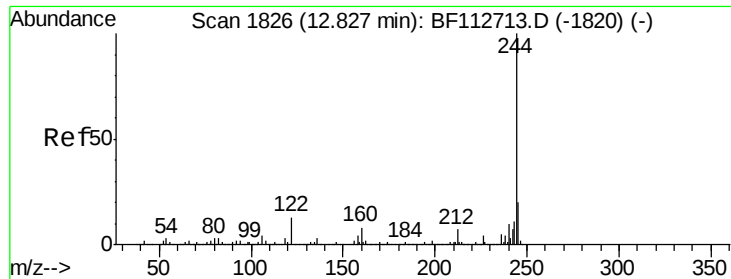
Tot Ion:188 Resp: 246918
Ion Ratio Lower Upper
188 100
94 22.6 9.0 13.4#
80 22.7 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112897.D
Acq: 6 Mar 2019 22:24

Tgt Ion:240 Resp: 395079
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 2.214 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

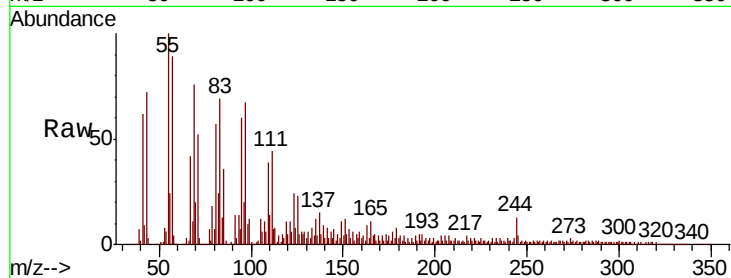
Tot Ion:244 Resp: 45132

Ion Ratio Lower Upper

244 100

212 13.9 5.6 8.4#

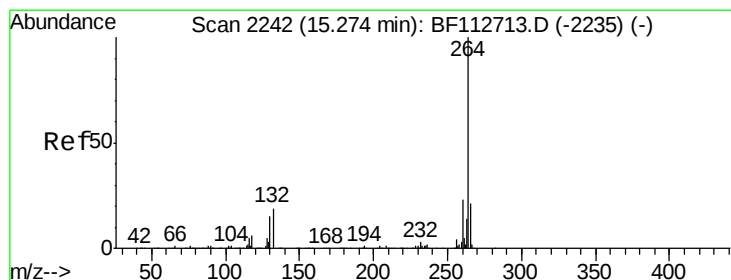
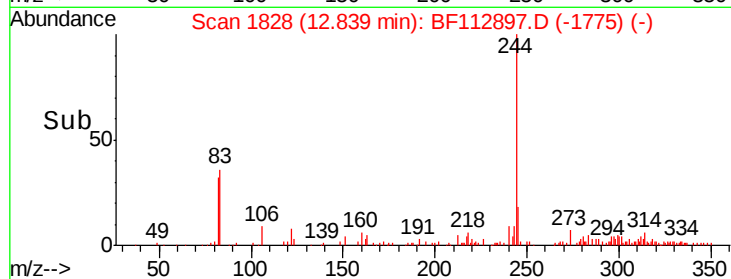
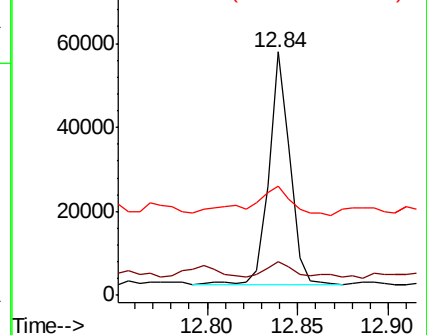
122 44.9 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BF112897.D

Acq: 6 Mar 2019 22:24

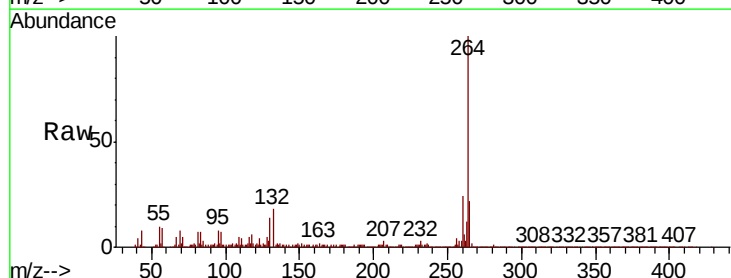
Tgt Ion:264 Resp: 539776

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

