

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121420.D
 Acq On : 25 Aug 2020 2:07
 Operator : JU/CG
 Sample : L3773-03 20X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Aug 25 10:01:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

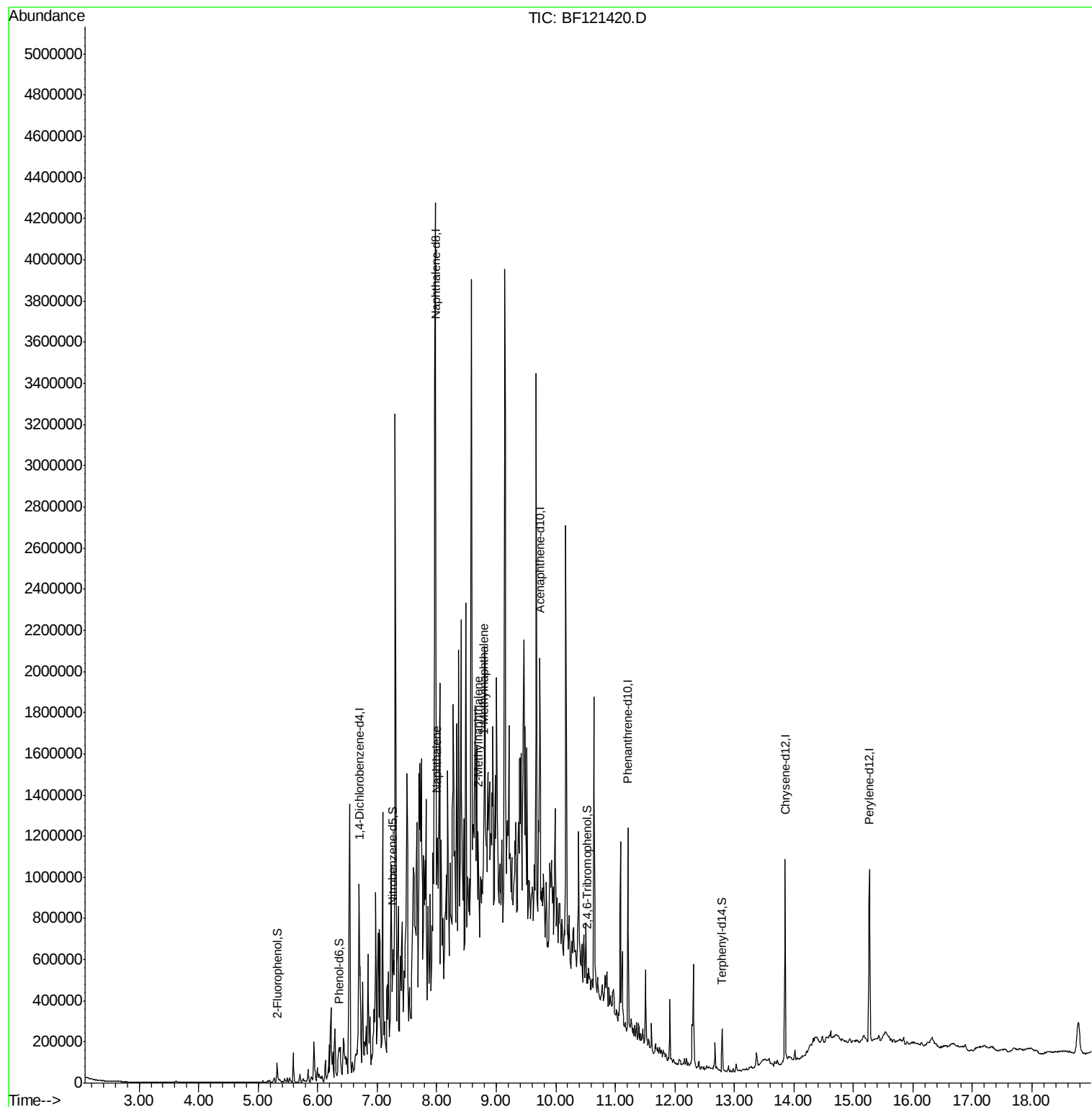
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	131690	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	371455	20.00	ng	0.01
39) Acenaphthene-d10	9.73	164	210753	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	362513	20.00	ng	0.00
76) Chrysene-d12	13.85	240	320402	20.00	ng	0.00
86) Perylene-d12	15.27	264	377599	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	44773	5.57	ng	0.02
7) Phenol-d6	6.35	99	58347	5.69	ng	0.01
23) Nitrobenzene-d5	7.26	82	48605	7.40	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	9248	3.77	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	62452	3.81	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	44144	2.388	ng	# 71
37) 2-Methylnaphthalene	8.70	142	108407	9.047	ng	99
38) 1-Methylnaphthalene	8.79	142	62901	5.521	ng	# 96

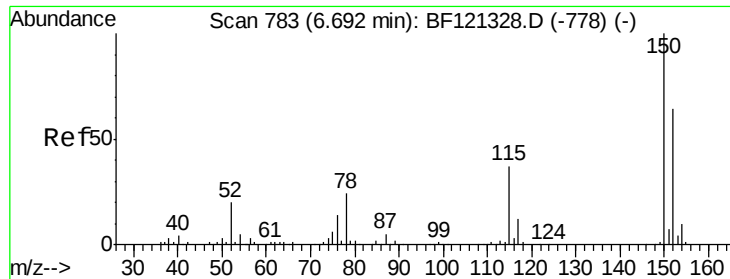
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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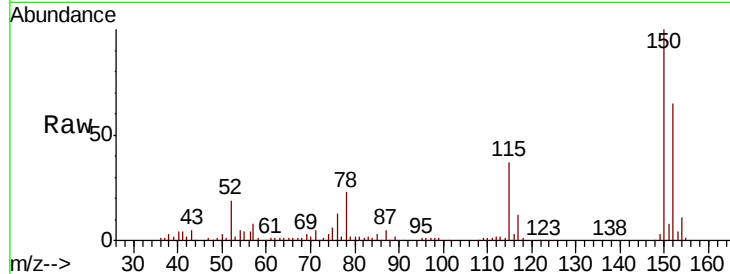


#1

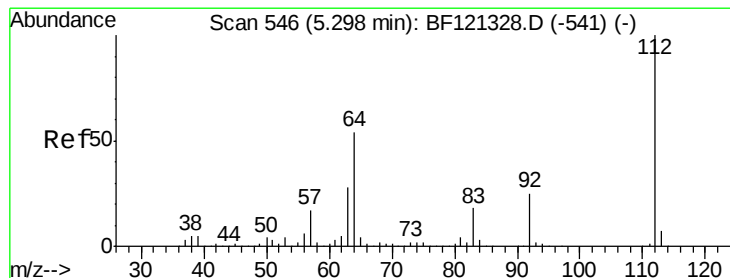
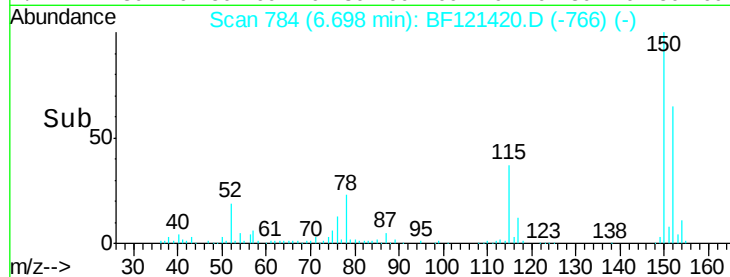
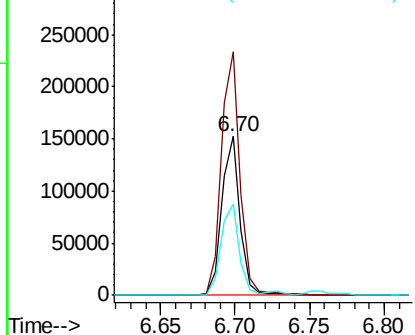
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion:152 Resp: 131690
Ion Ratio Lower Upper
152 100
150 153.6 124.8 187.2
115 57.3 46.1 69.1



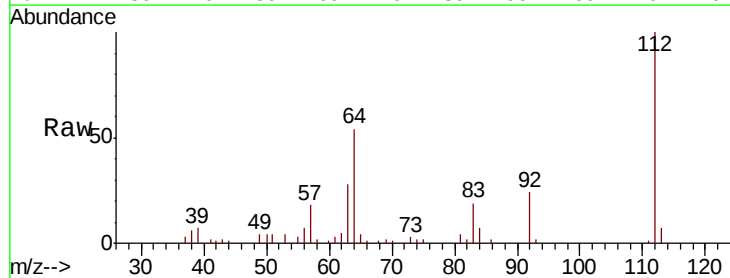
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



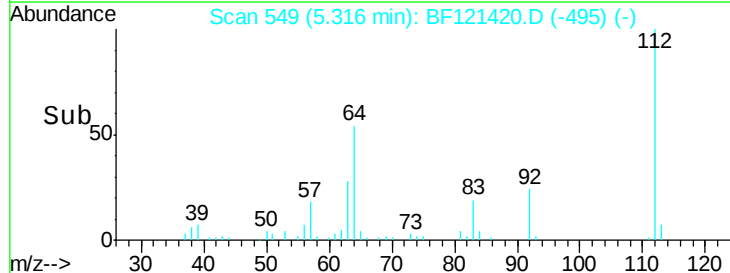
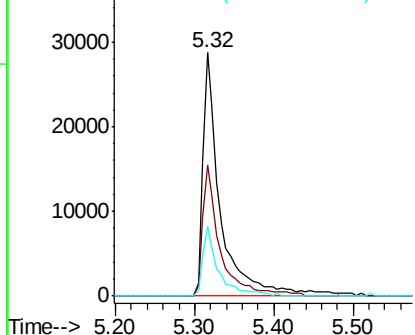
#5

2-Fluorophenol
Concen: 5.575 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Tgt Ion:112 Resp: 44773
Ion Ratio Lower Upper
112 100
64 53.8 43.5 65.3
63 28.5 22.0 33.0



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: 5.691 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

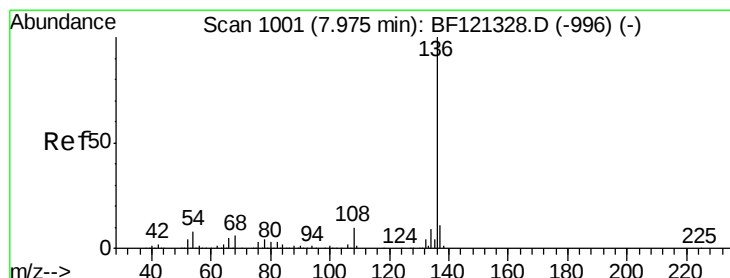
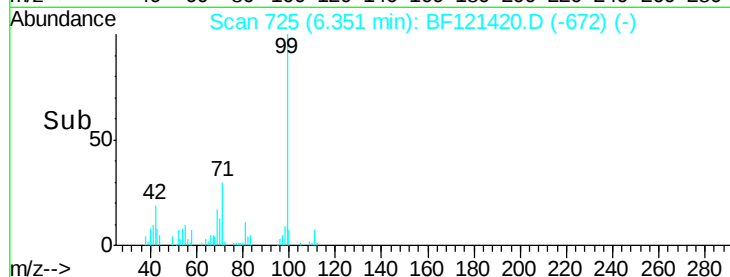
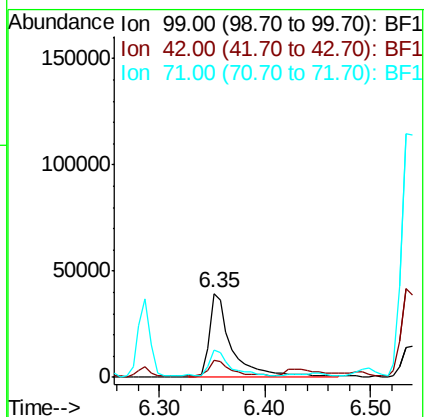
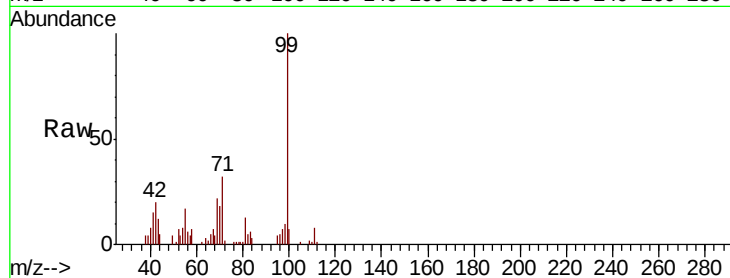
Tot Ion: 99 Resp: 58347

Ion Ratio Lower Upper

99 100

42 20.1 13.5 20.3

71 32.0 25.2 37.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF121420.D

Acq: 25 Aug 2020 2:07

Tgt Ion: 136 Resp: 371455

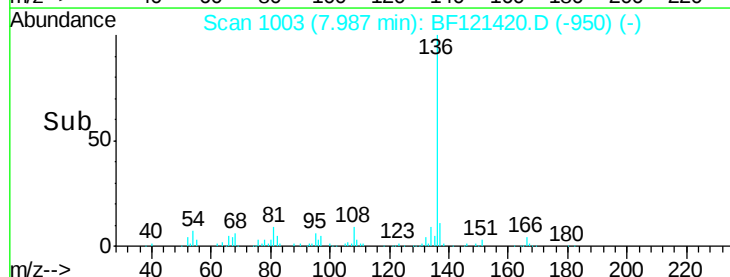
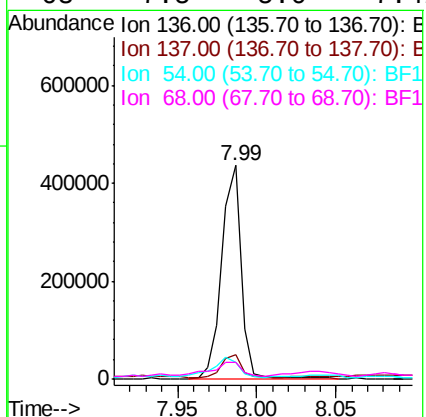
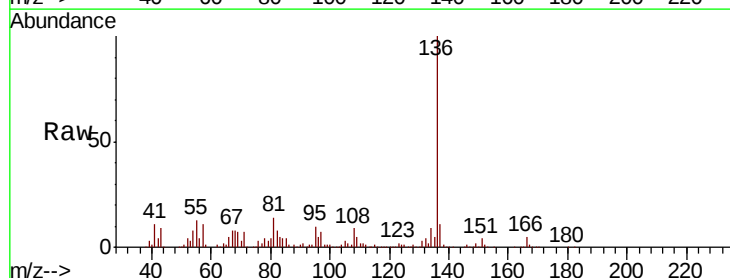
Ion Ratio Lower Upper

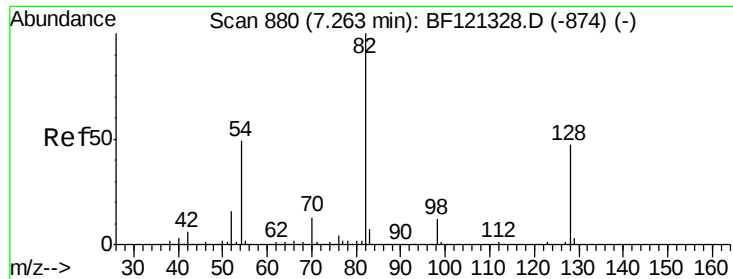
136 100

137 11.4 8.9 13.3

54 8.1 6.1 9.1

68 7.5 5.0 7.4#

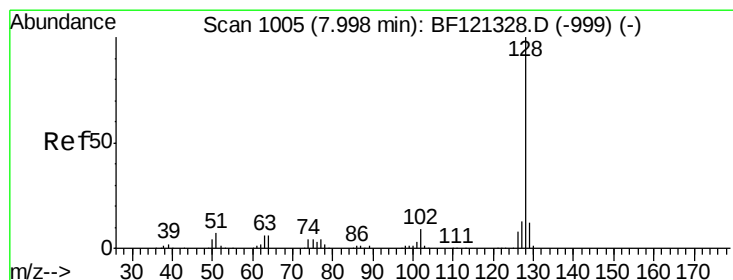
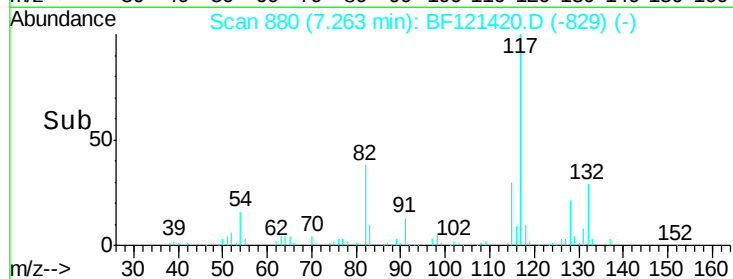
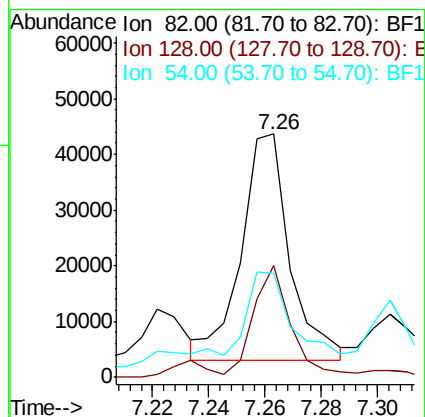
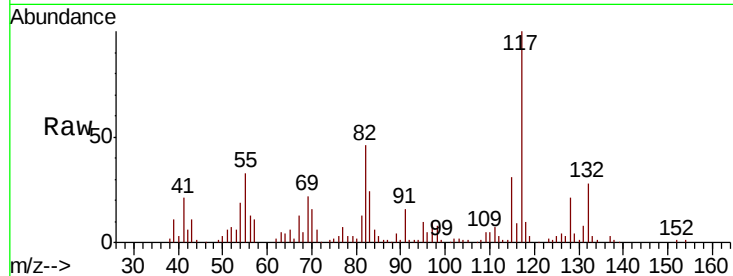




#23
Nitrobenzene-d5
Concen: 7.400 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

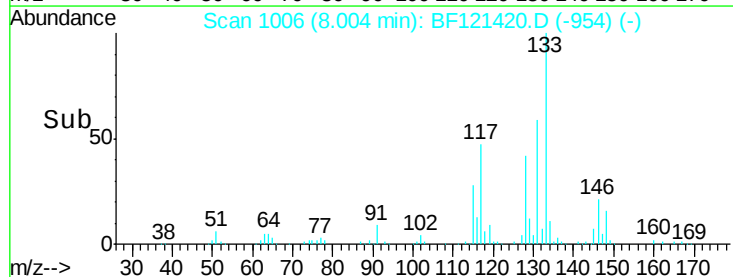
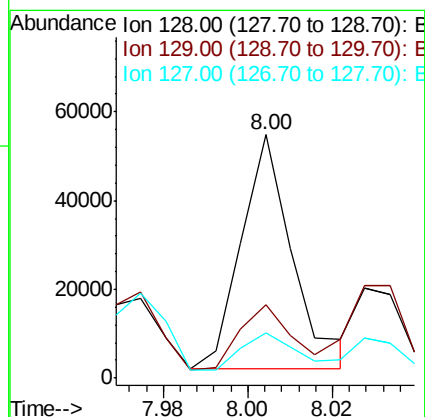
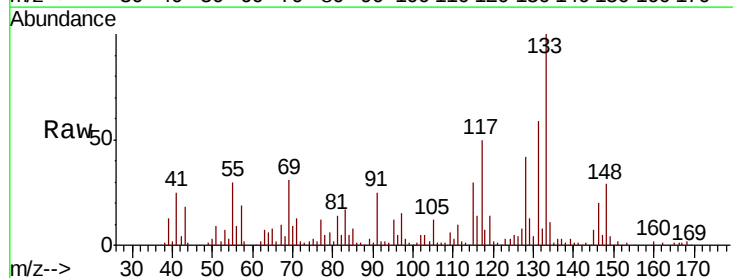
Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

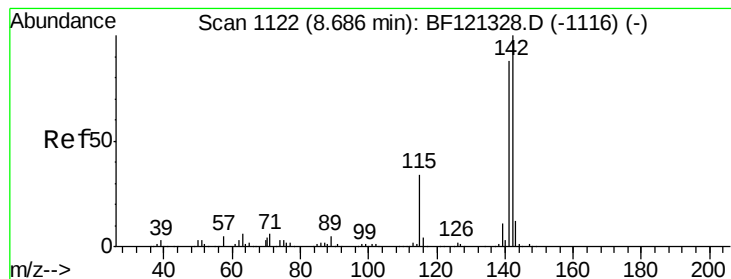
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.9	56.9
54	42.5	39.0	58.4



#31
Naphthalene
Concen: 2.388 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	29.9	9.3	13.9#
127	18.4	10.6	16.0#

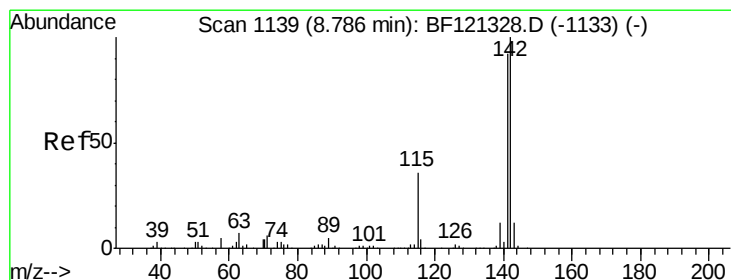
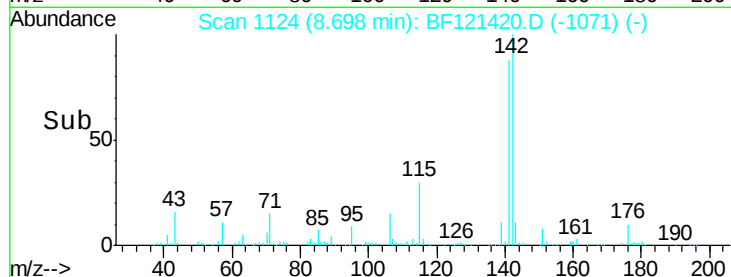
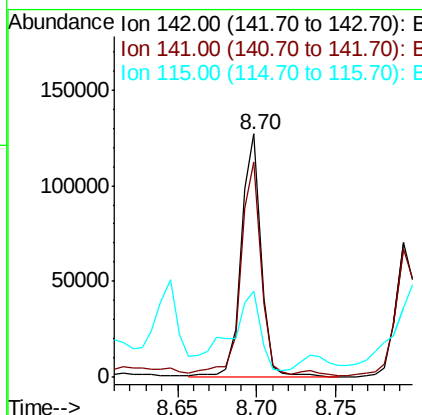
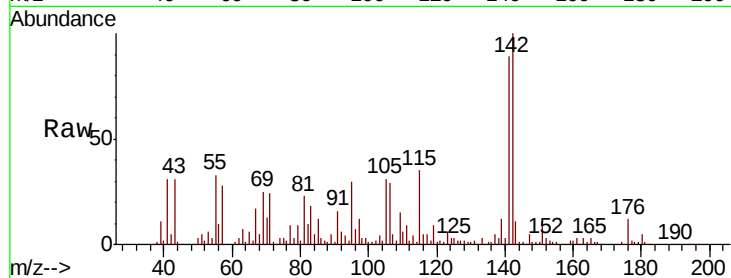




#37
 2-Methylnaphthalene
 Concen: 9.047 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

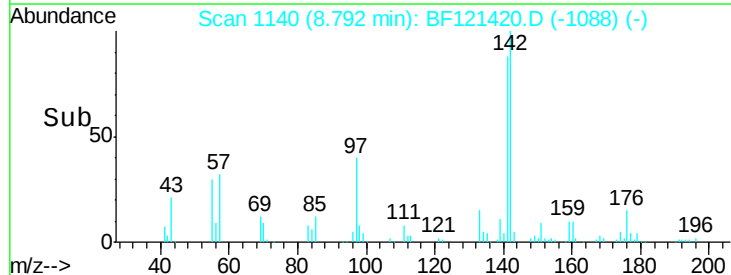
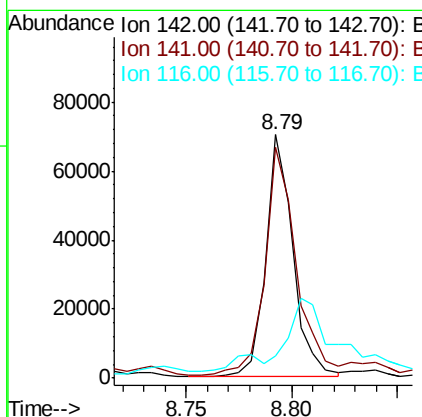
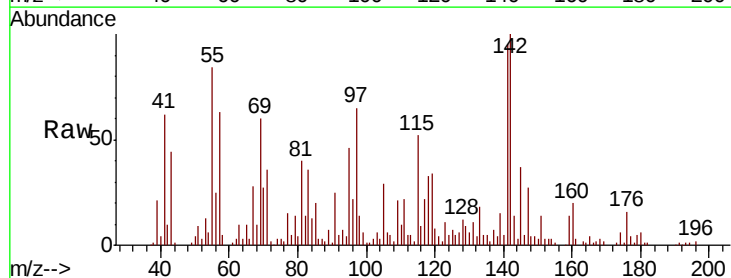
Instrument :
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 ClientSampleId :
 OILY-DEBRIS

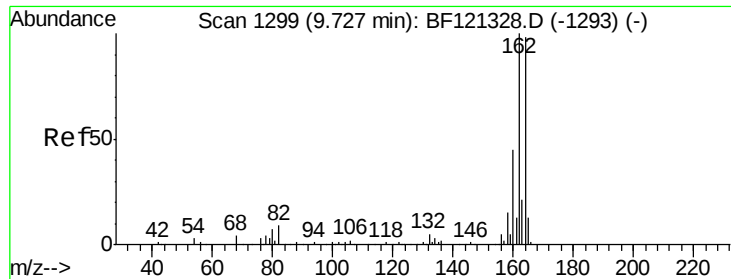
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	35.4	26.9	40.3



#38
 1-Methylnaphthalene
 Concen: 5.521 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.6	110.4
116	9.2	3.0	4.4

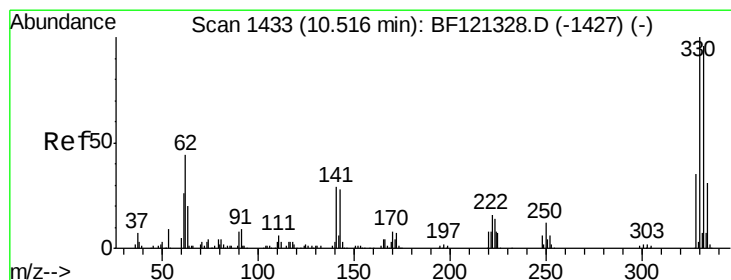
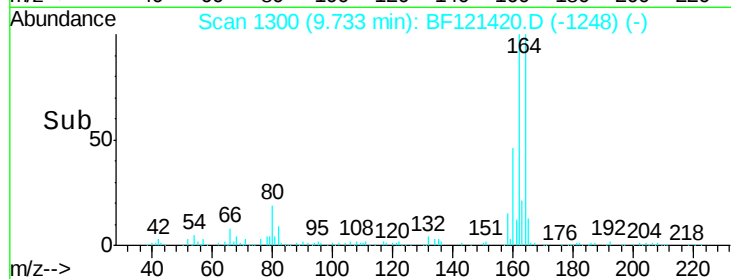
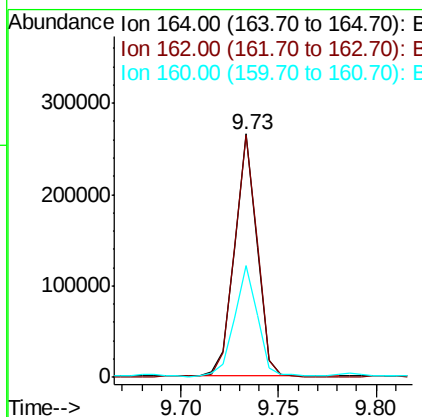
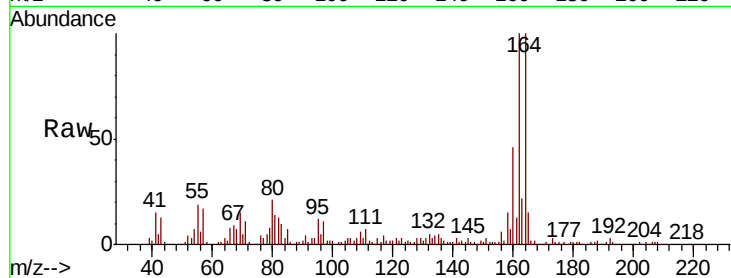




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

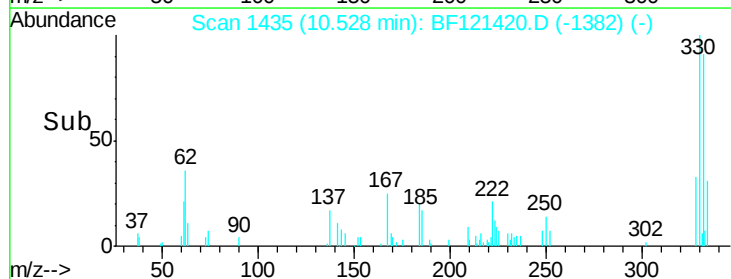
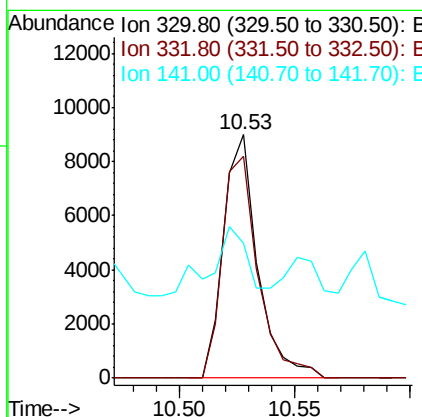
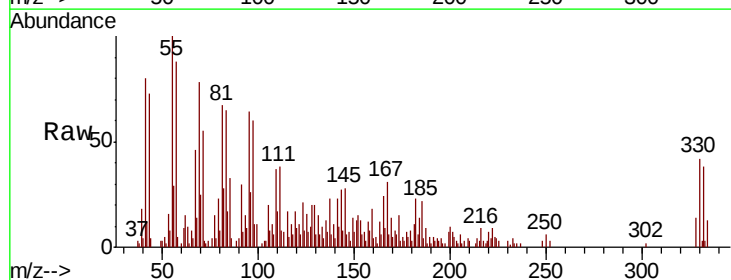
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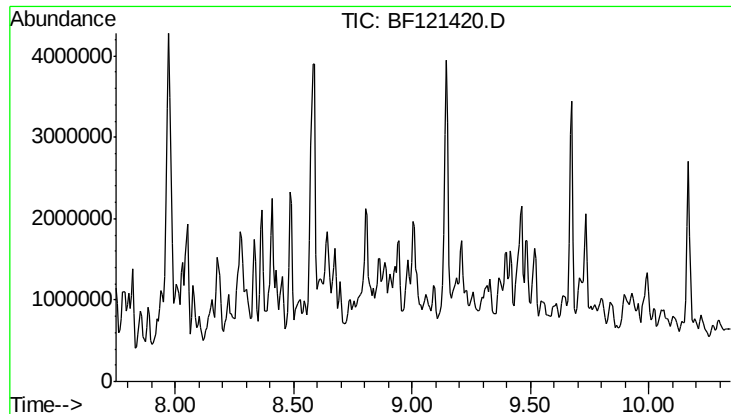
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.7	122.5
160	45.9	37.0	55.4



#42
 2,4,6-Tribromophenol
 Concen: 3.766 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	30.1	22.8	34.2

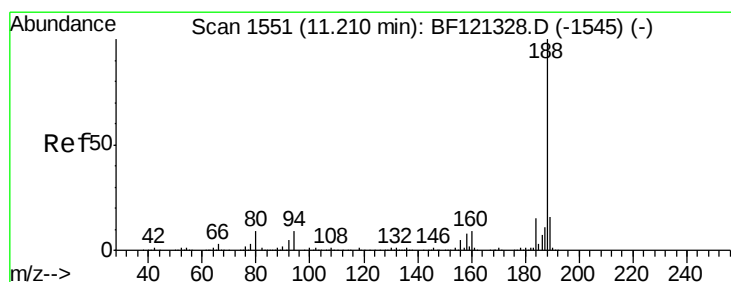
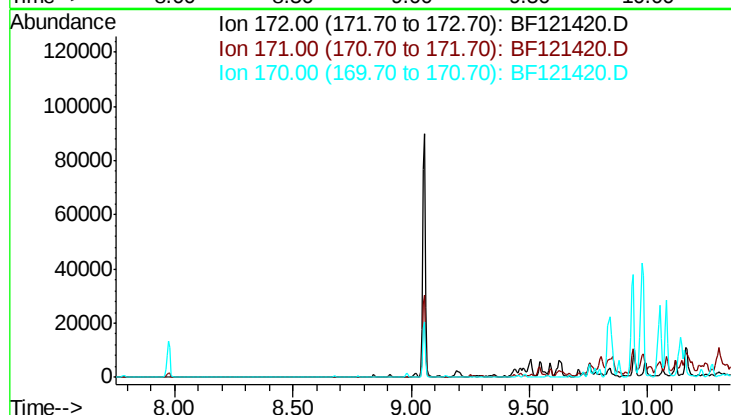




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.05 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

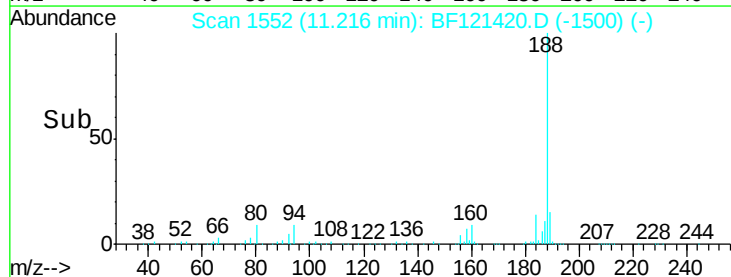
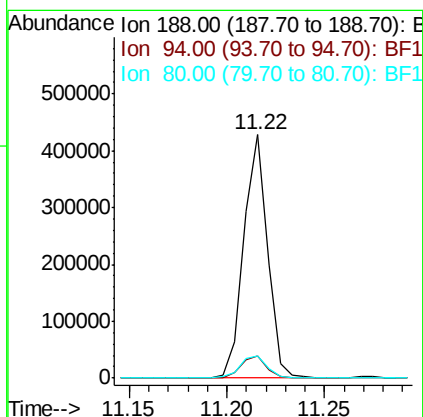
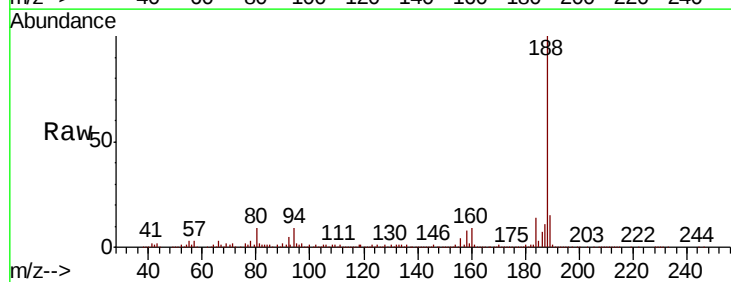
Instrument :
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ClientSampleId :
OILY-DEBRIS

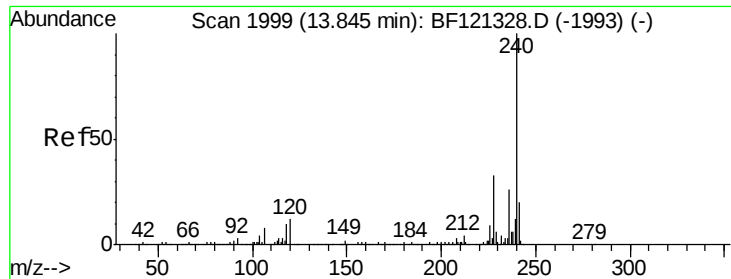
Tot Ion: 172
Sig Exp Ratio
172 100
171 36.3
170 24.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Tgt Ion: 188 Resp: 362513
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.3 7.4 11.0

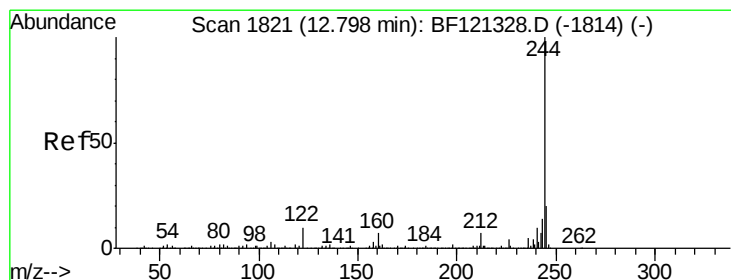
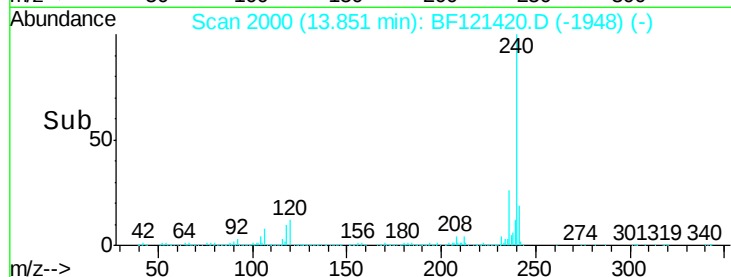
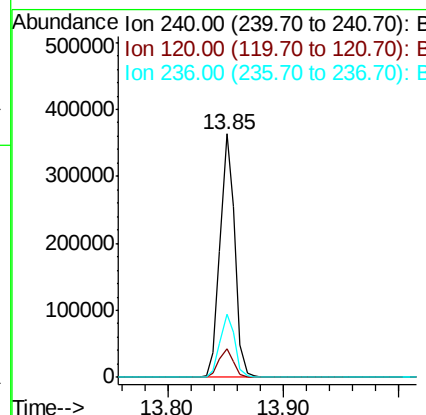
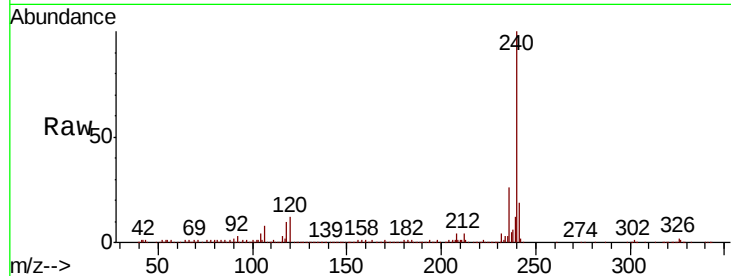




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

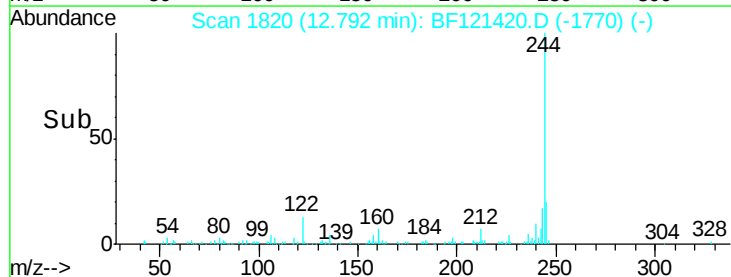
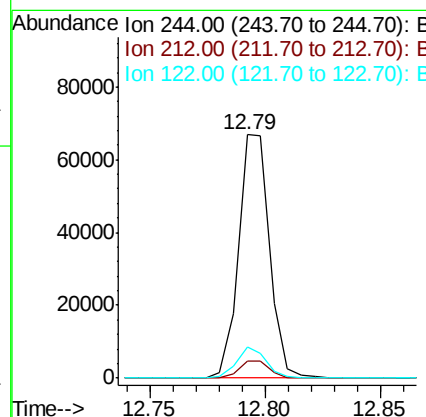
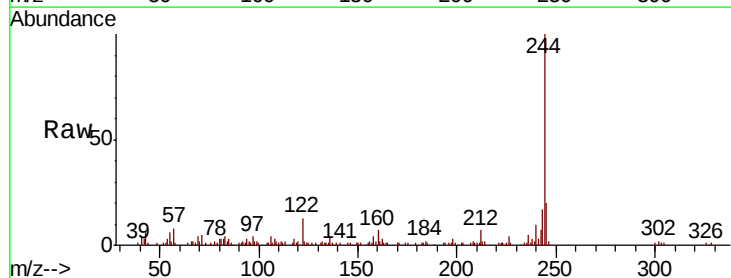
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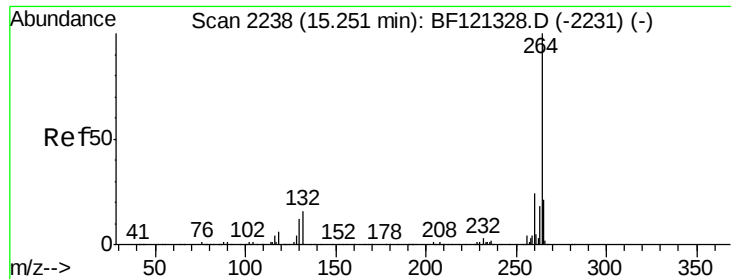
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	26.0	20.6	31.0



#79
 Terphenyl-d14
 Concen: 3.809 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF121420.D
 Acq: 25 Aug 2020 2:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	7.8	11.8#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121420.D
Acq: 25 Aug 2020 2:07

Instrument :
BNA_F
ClientSampleId :
OILY-DEBRIS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.5	19.5	29.3	
265	21.2	17.1	25.7	

