

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118377.D
 Acq On : 28 Dec 2019 20:49
 Operator : JU
 Sample : K6439-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-BF004-01

Quant Time: Dec 29 07:55:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

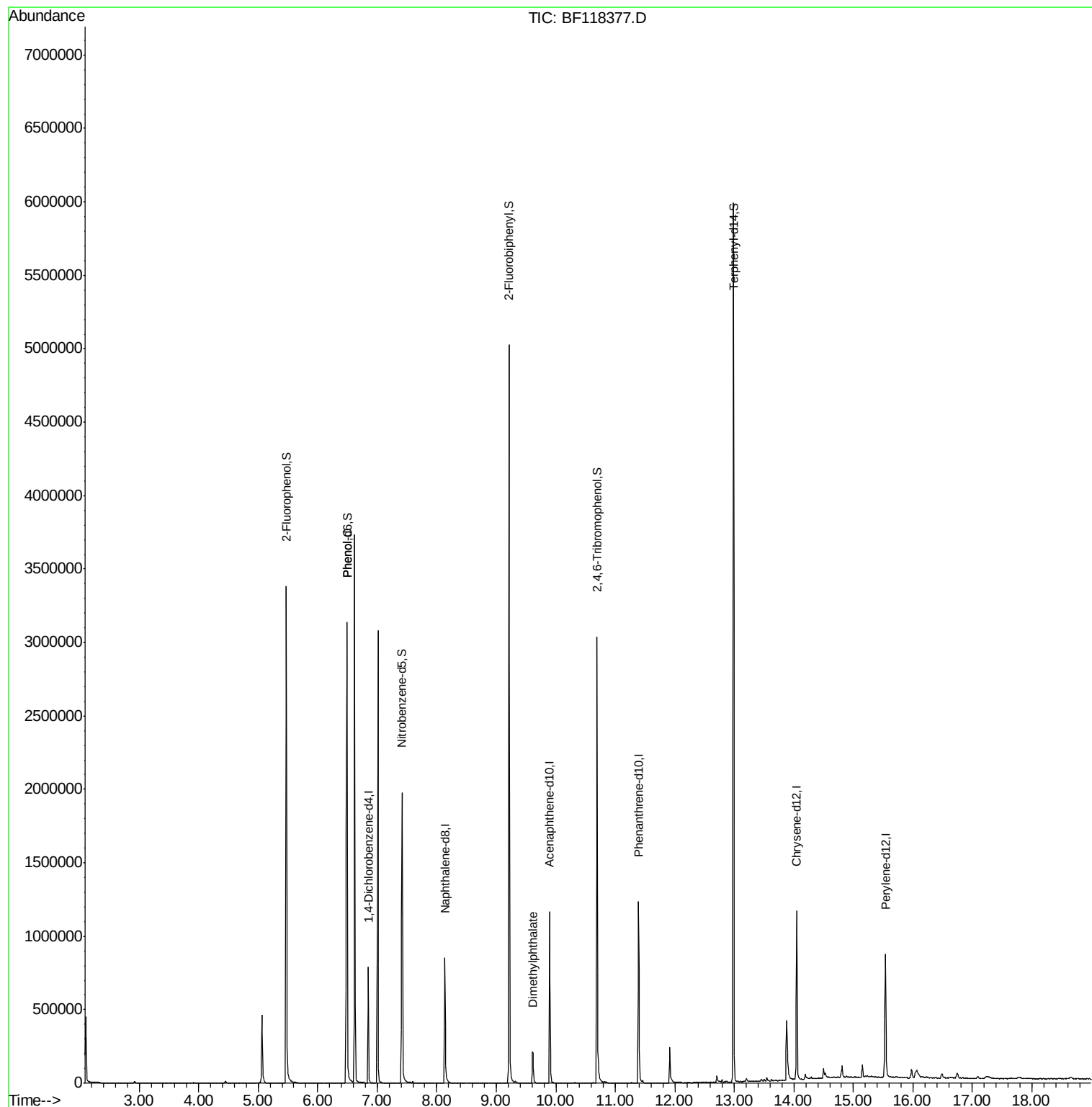
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115060	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	447574	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	240933	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	481835	20.00	ng	0.00
76) Chrysene-d12	14.04	240	401839	20.00	ng	0.00
87) Perylene-d12	15.54	264	392754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	982014	145.69	ng	0.01
7) Phenol-d6	6.49	99	1241016	148.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	750089	95.85	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	451049	151.60	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1526435	96.71	ng	0.00
79) Terphenyl-d14	12.99	244	2091311	86.34	ng	0.00
Target Compounds						
10) Phenol	6.50	94	23731	2.525	ng	Qvalue # 66
50) Dimethylphthalate	9.62	163	122326	6.764	ng	100

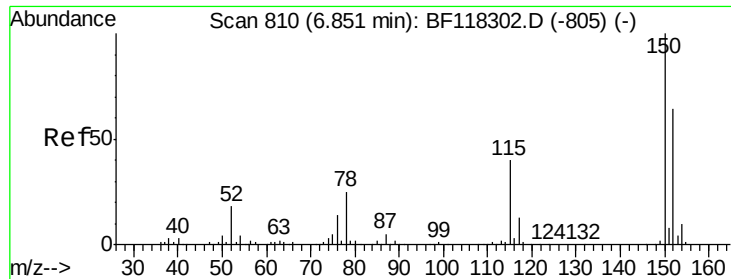
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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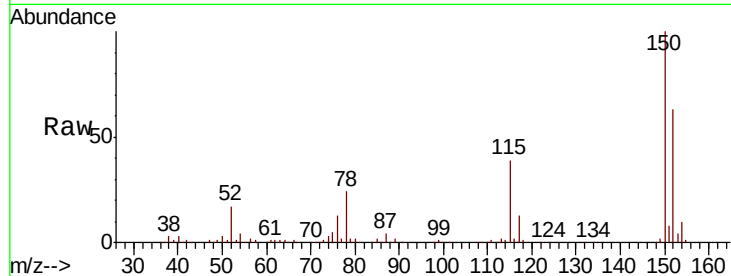


#1

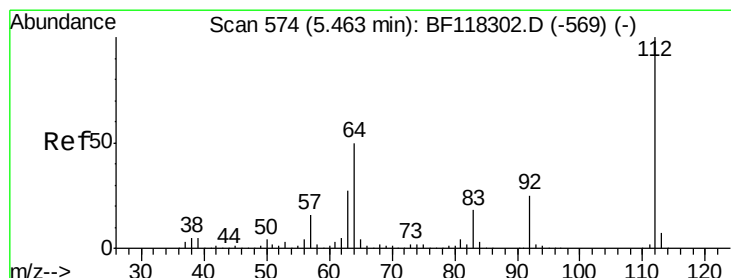
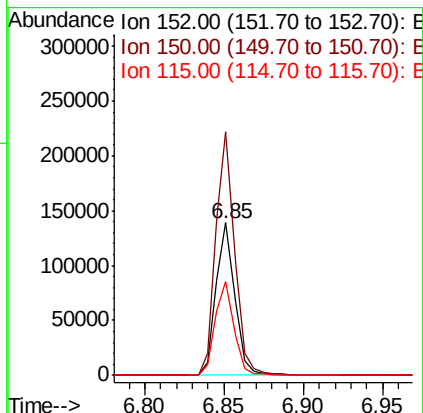
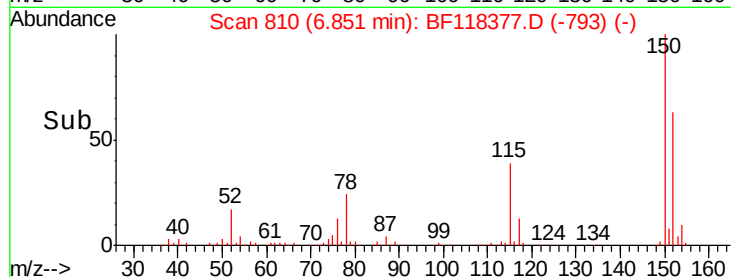
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :
LIED-BF004-01

Tot Ion:152 Resp: 115060
Ion Ratio Lower Upper
152 100
150 159.8 125.4 188.2
115 61.8 50.2 75.4



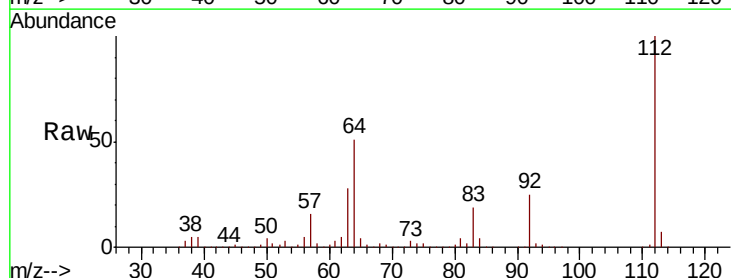
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



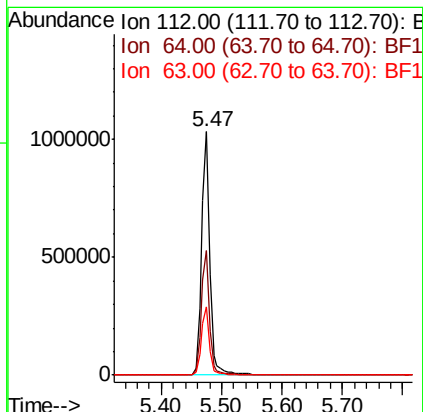
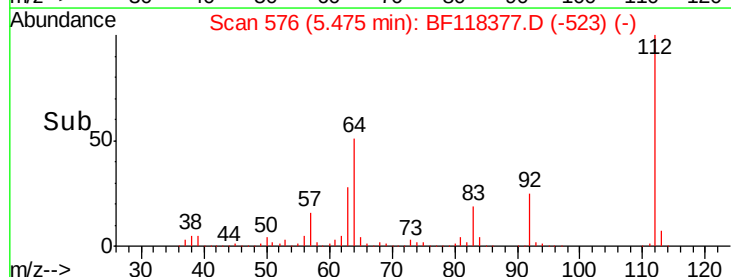
#5

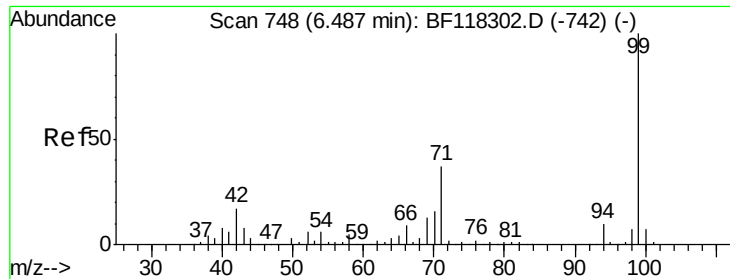
2-Fluorophenol
Concen: 145.688 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

Tgt Ion:112 Resp: 982014
Ion Ratio Lower Upper
112 100
64 51.3 39.7 59.5
63 27.9 21.7 32.5



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: 148.415 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118377.D

Acq: 28 Dec 2019 20:49

Instrument :

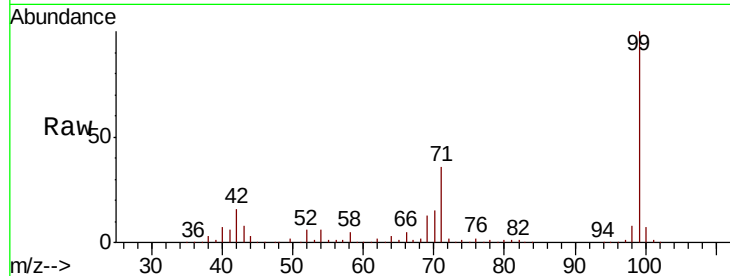
BNA_F

ClientSampleId :

LIED-BF004-01

Tot Ion: 99 Resp: 1241016

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	36.2	29.4	44.2

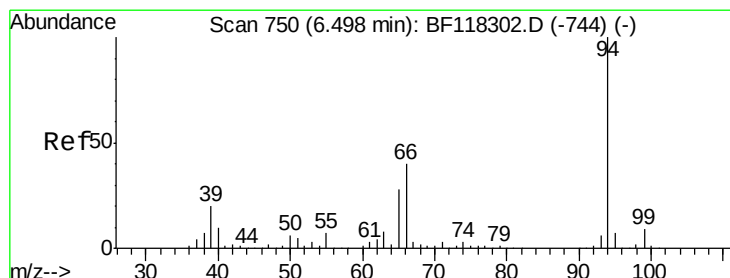
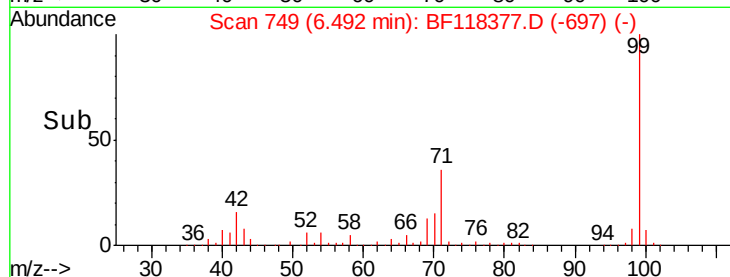
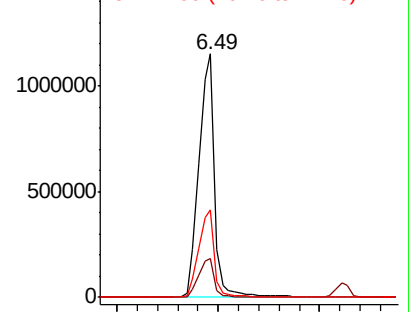


Abundance

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



#10

Phenol

Concen: 2.525 ng

RT: 6.50 min Scan# 750

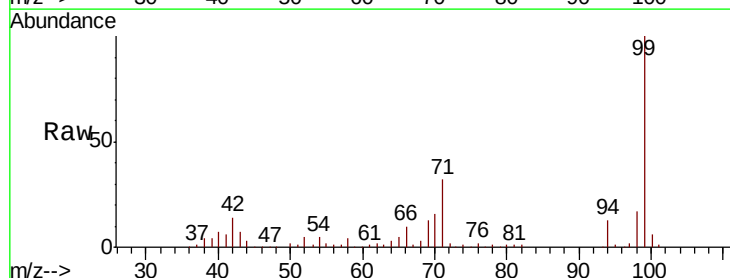
Delta R.T. -0.00 min

Lab File: BF118377.D

Acq: 28 Dec 2019 20:49

Tgt Ion: 94 Resp: 23731

Ion	Ratio	Lower	Upper
94	100		
65	34.2	7.8	47.8
66	70.4	20.4	60.4#

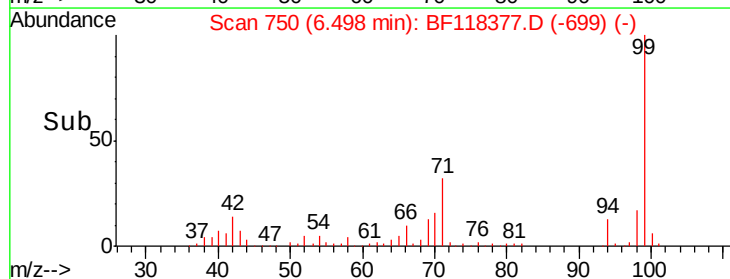
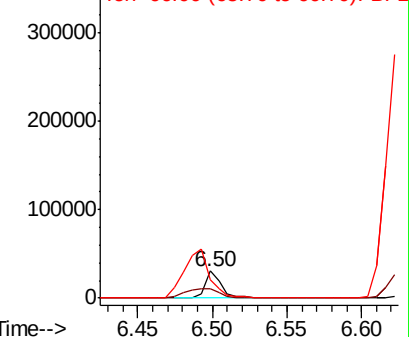


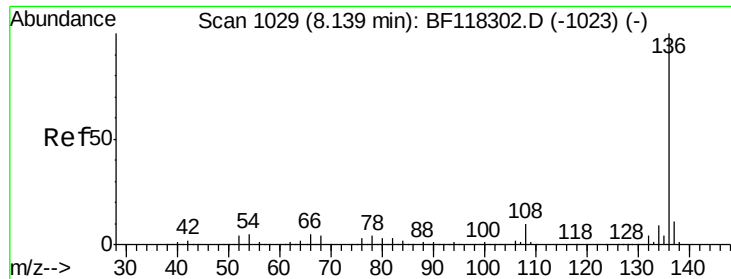
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

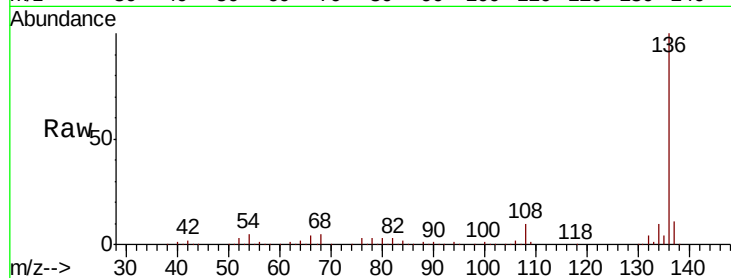




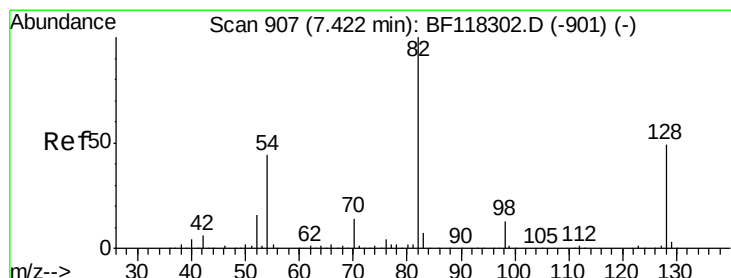
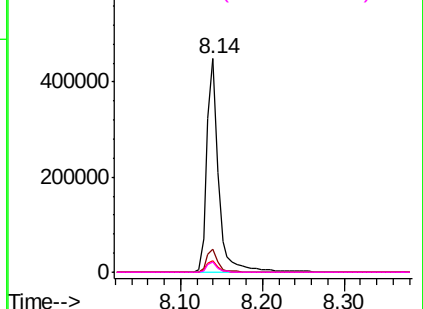
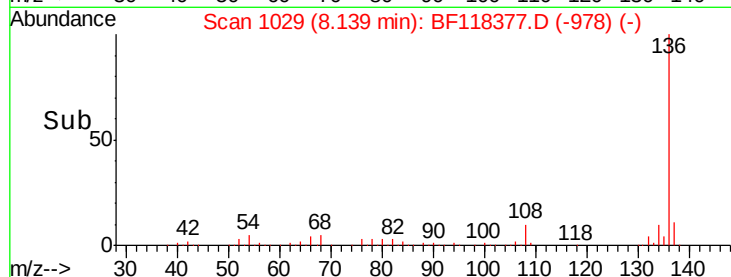
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :
LIED-BF004-01

Tot Ion:136 Resp: 447574
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 5.4 4.2 6.4
68 4.6 3.5 5.3

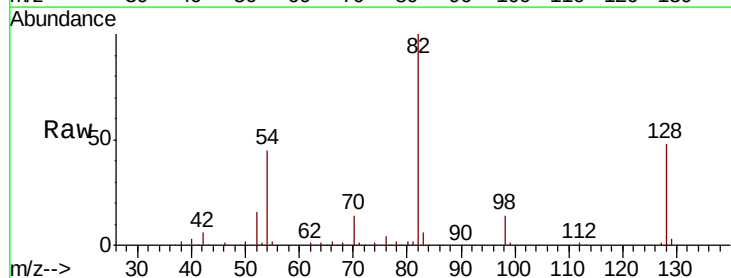


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

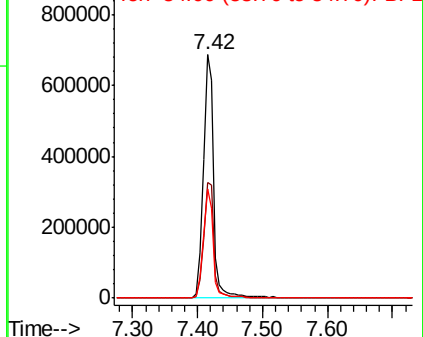
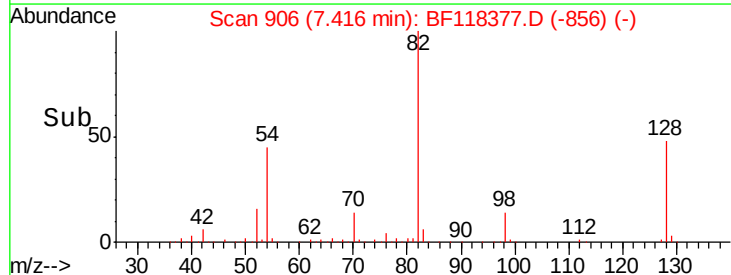


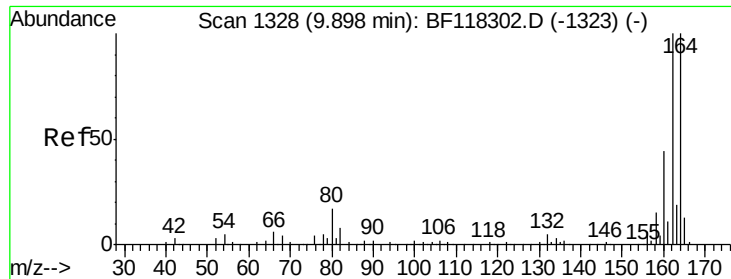
#23
Nitrobenzene-d5
Concen: 95.853 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

Tgt Ion: 82 Resp: 750089
Ion Ratio Lower Upper
82 100
128 47.5 39.6 59.4
54 44.7 34.9 52.3



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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118377.D

Acq: 28 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

LIED-BF004-01

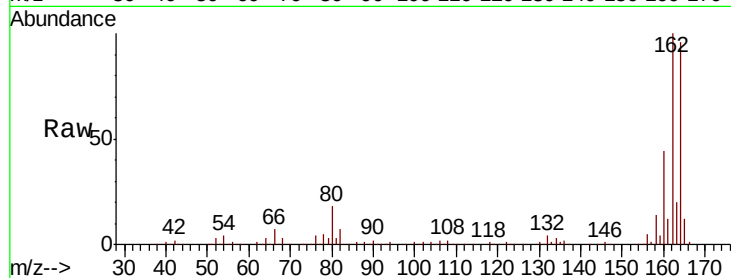
Tot Ion:164 Resp: 240933

Ion Ratio Lower Upper

164 100

162 103.8 80.0 120.0

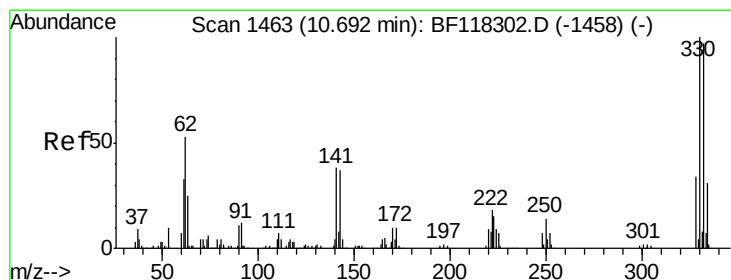
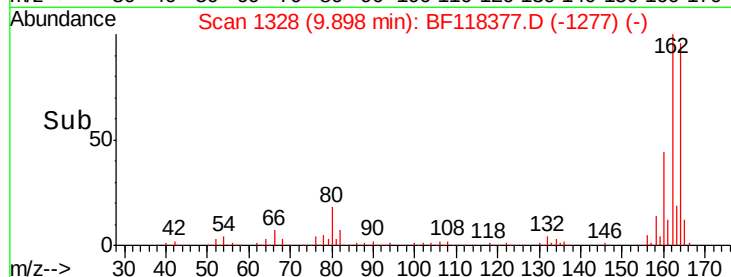
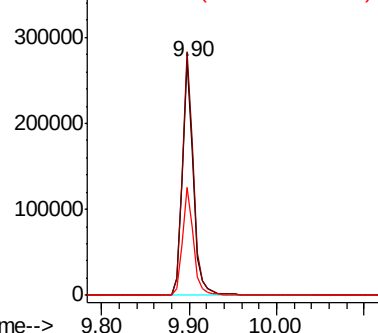
160 45.8 34.8 52.2



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: 151.595 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118377.D

Acq: 28 Dec 2019 20:49

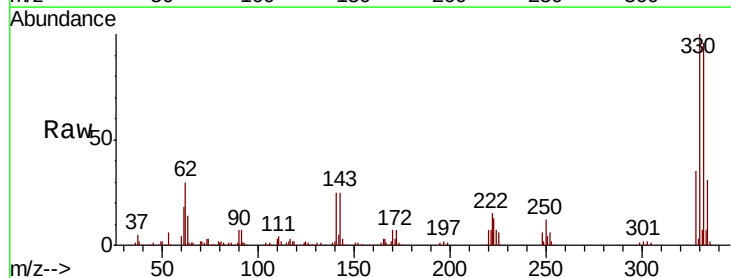
Tgt Ion:330 Resp: 451049

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

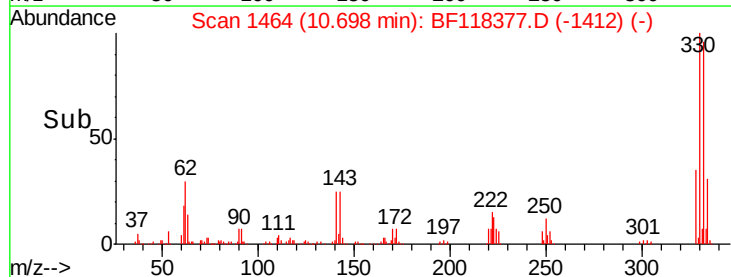
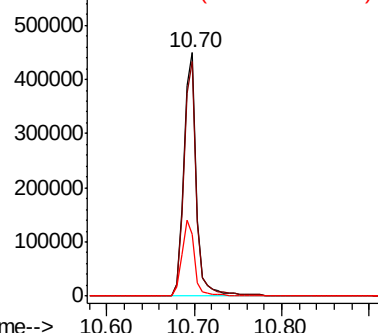
141 31.7 26.0 39.0

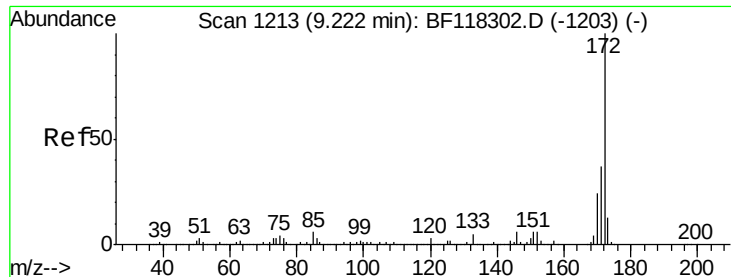


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

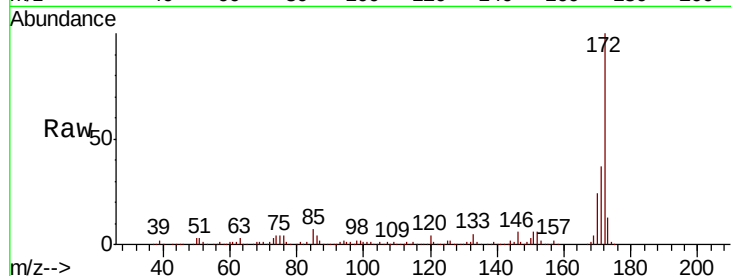




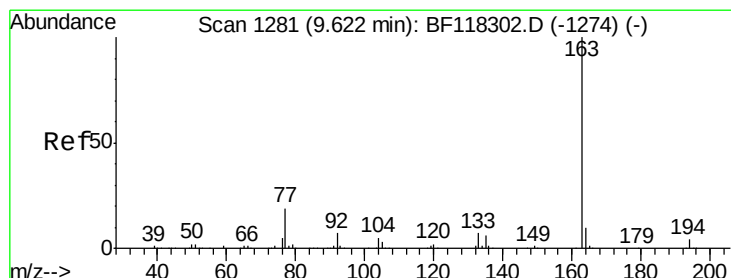
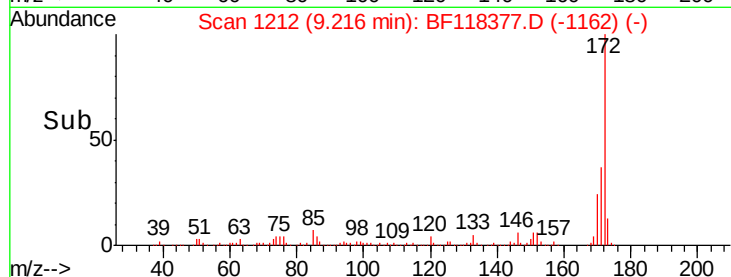
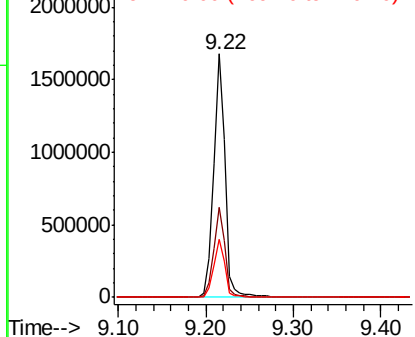
#45
2-Fluorobiphenyl
Concen: 96.710 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :
LIED-BF004-01

Tot Ion:172 Resp: 1526435
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 24.0 19.2 28.8

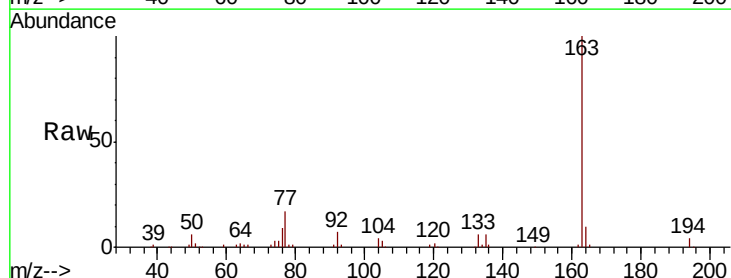


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

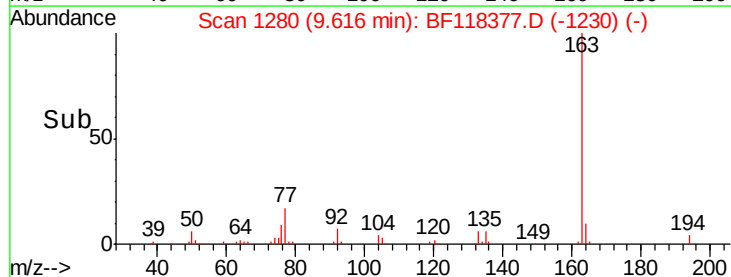
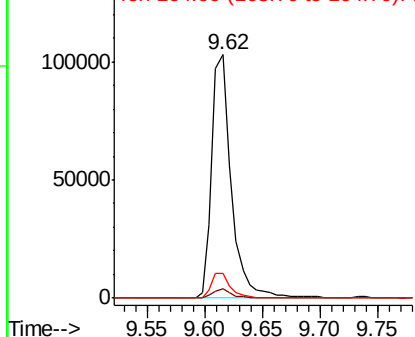


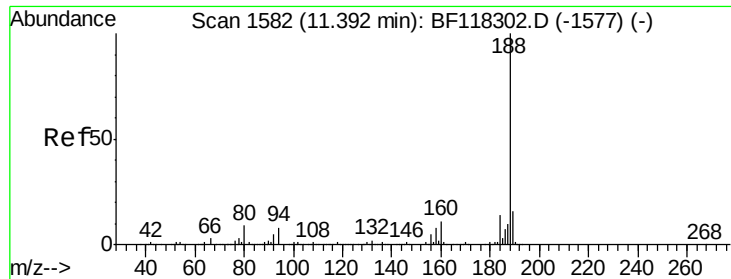
#50
Dimethylphthalate
Concen: 6.764 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

Tgt Ion:163 Resp: 122326
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

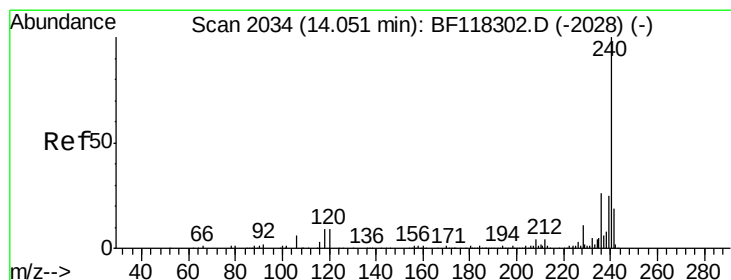
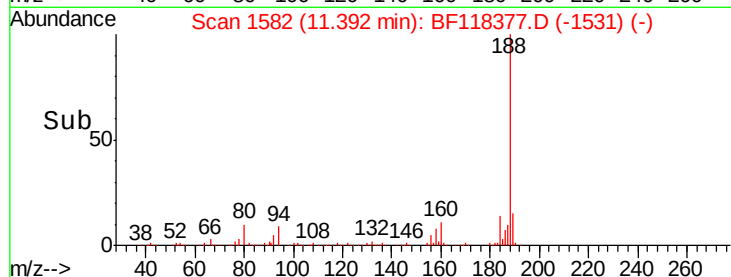
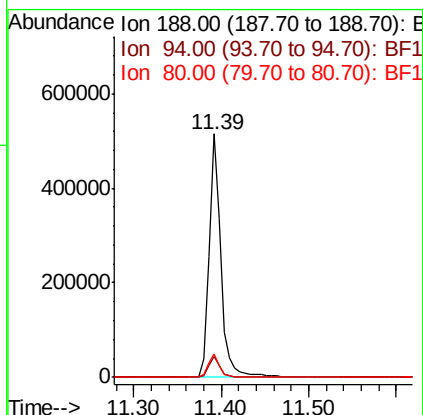
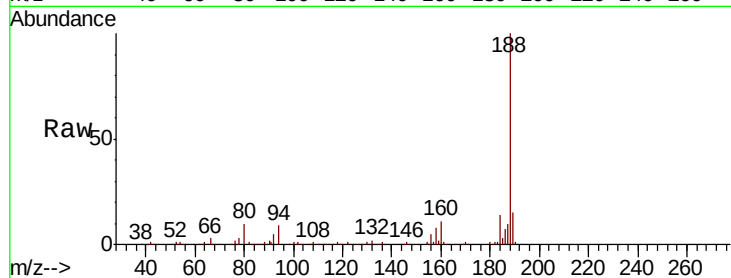




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

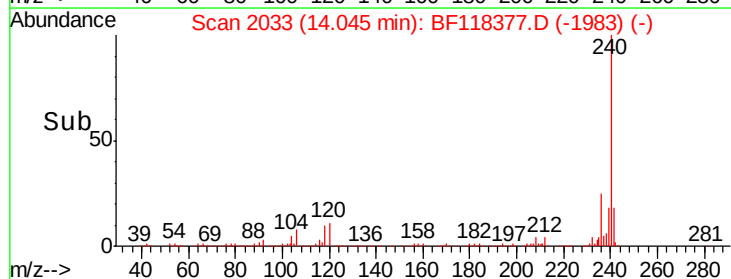
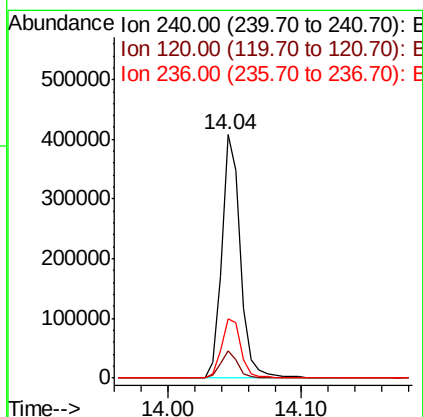
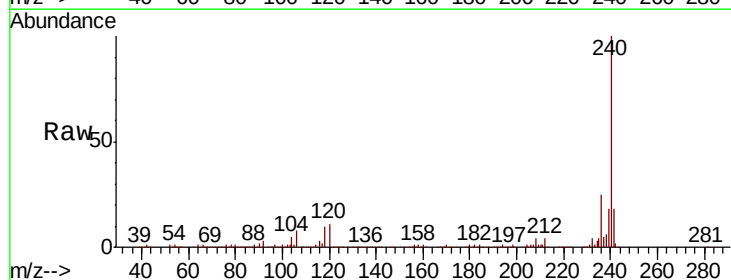
Instrument :
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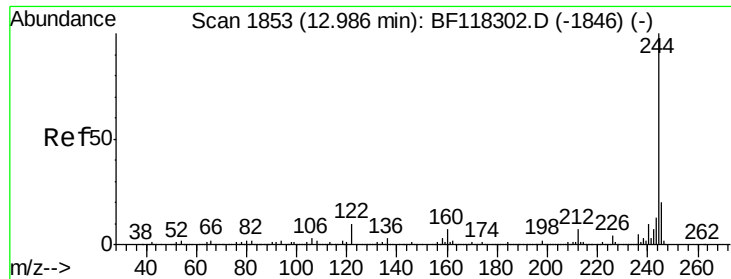
Tot Ion:188 Resp: 481835
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118377.D
Acq: 28 Dec 2019 20:49

Tgt Ion:240 Resp: 401839
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 24.6 21.0 31.6





#79

Terphenyl-d14

Concen: 86.342 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118377.D

Acq: 28 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

LIED-BF004-01

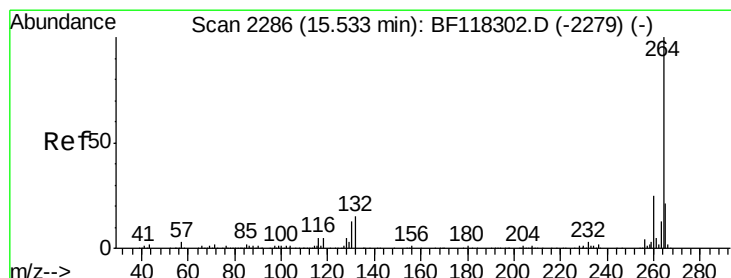
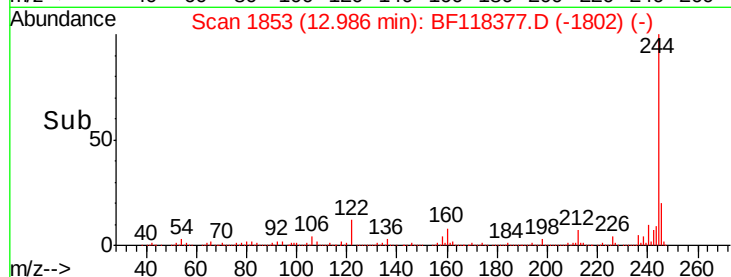
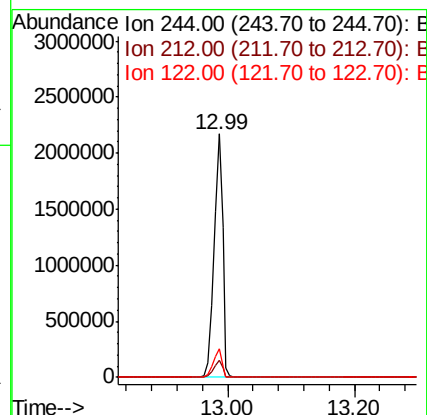
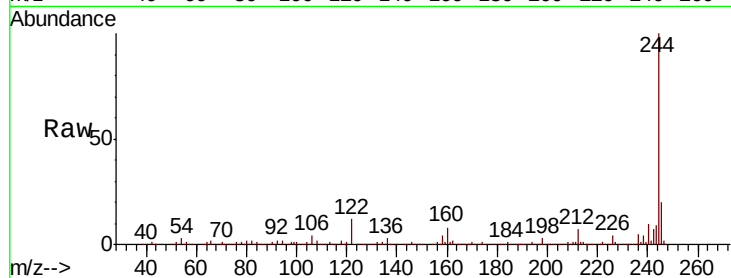
Tot Ion:244 Resp: 2091311

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 12.0 7.8 11.8#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118377.D

Acq: 28 Dec 2019 20:49

Tgt Ion:264 Resp: 392754

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.6 17.0 25.4

