

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000898.D
 Acq On : 19 Oct 2019 00:17
 Operator : JU
 Sample : K5241-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Oct 19 06:16:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

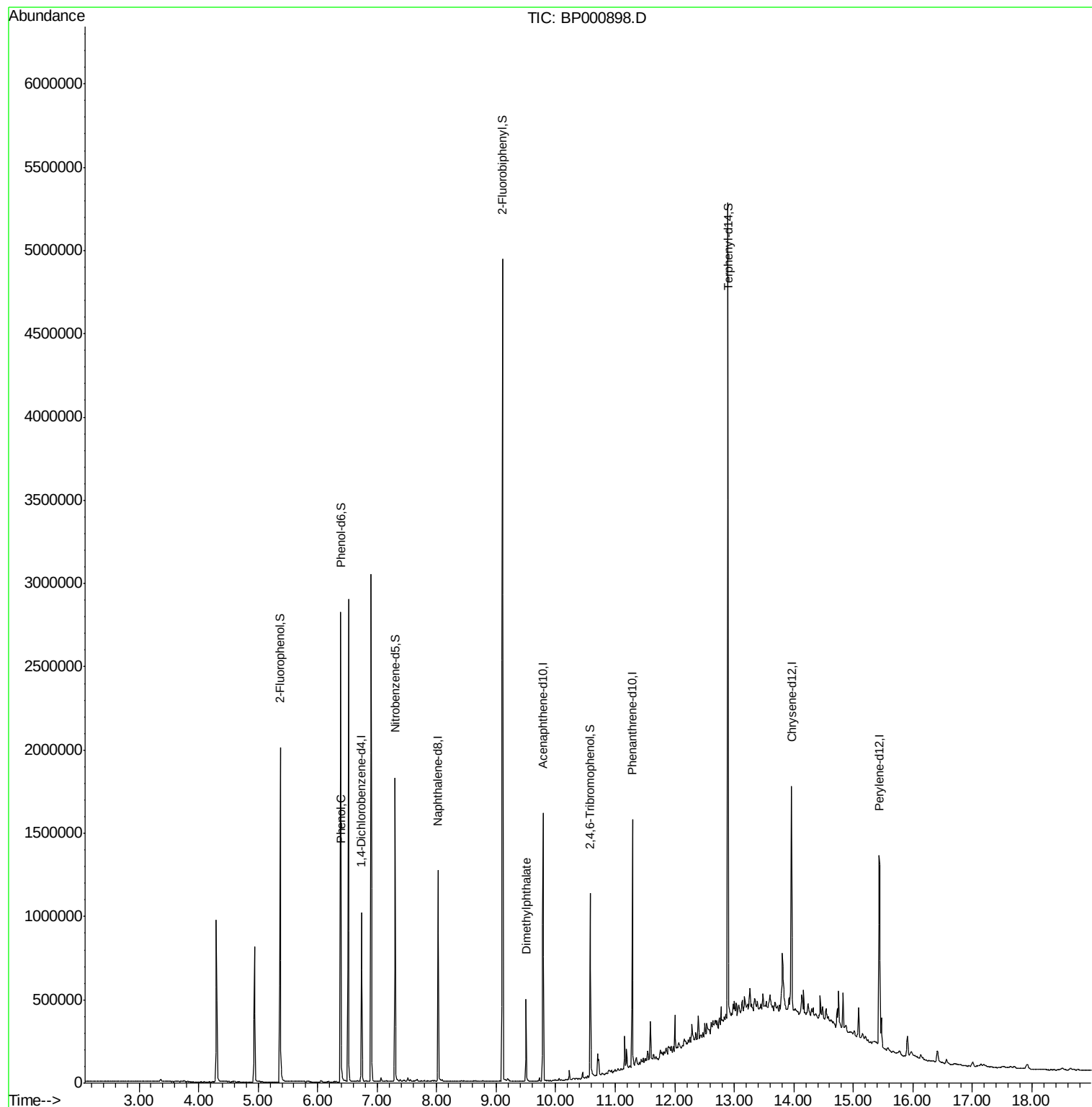
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	149298	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	541031	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	296543	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	539873	20.00	ng	0.00
76) Chrysene-d12	13.96	240	466159	20.00	ng	0.00
87) Perylene-d12	15.43	264	552341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	664450	71.54	ng	0.00
7) Phenol-d6	6.39	99	1011854	90.41	ng	0.00
23) Nitrobenzene-d5	7.30	82	596982	67.39	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	138342	43.78	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1420140	77.49	ng	0.00
79) Terphenyl-d14	12.89	244	1679456	72.95	ng	0.00
Target Compounds						
10) Phenol	6.40	94	23222	2.026	ng	77
50) Dimethylphthalate	9.50	163	203189	9.861	ng	99

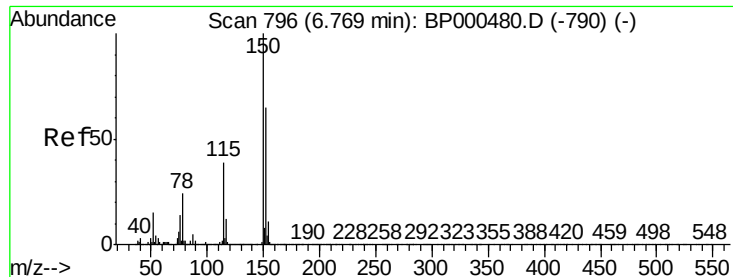
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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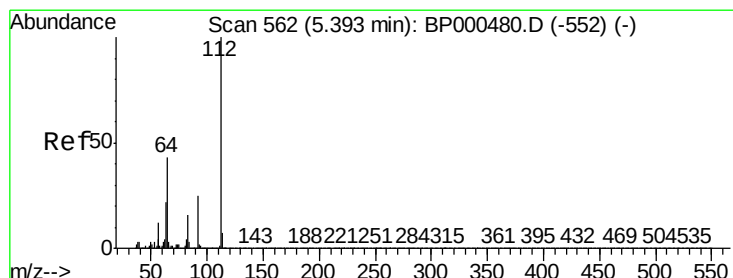
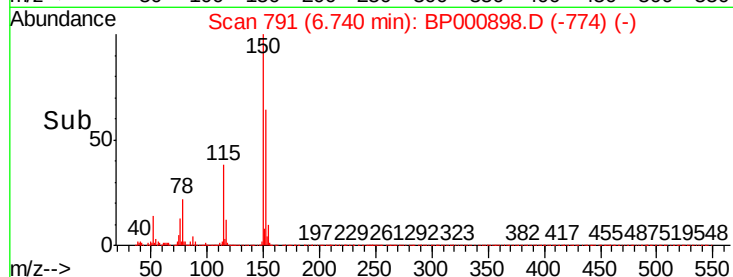
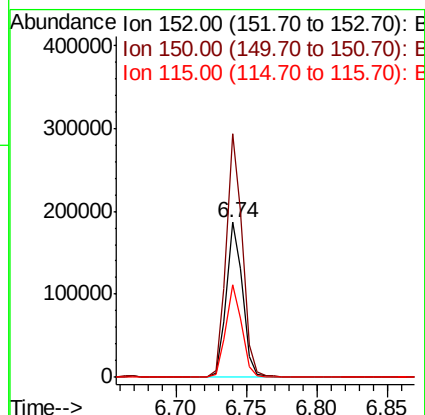
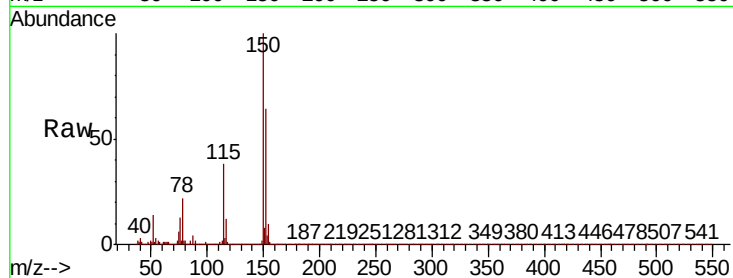


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

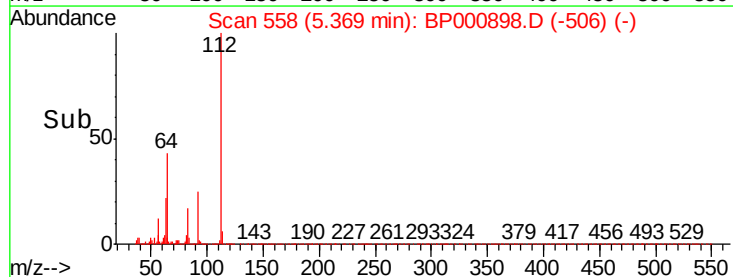
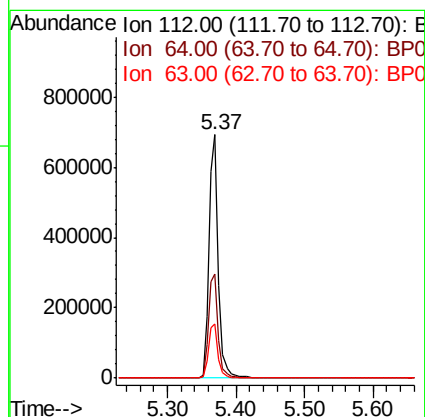
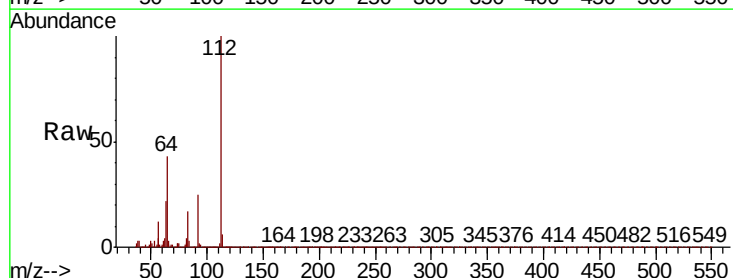
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.8
115	60.0	46.8	70.2

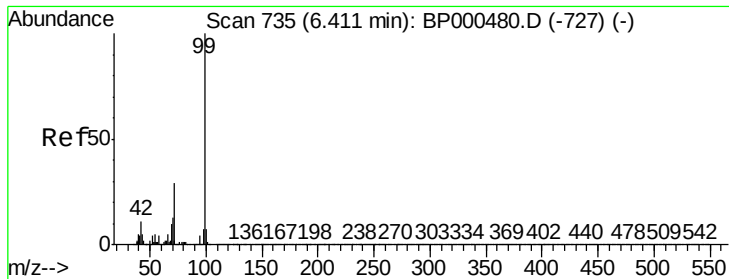


#5

2-Fluorophenol
Concen: 71.539 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	33.9	50.9
63	22.4	17.4	26.0





#7

Phenol-d6

Concen: 90.406 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE

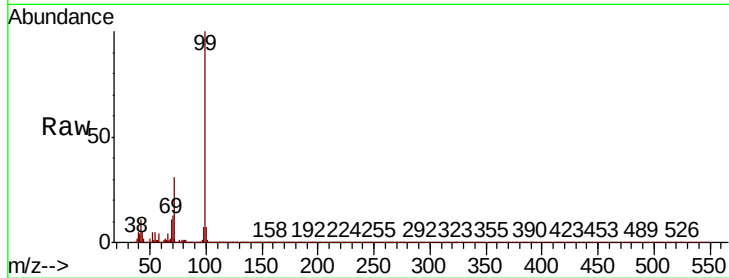
Tot Ion: 99 Resp: 1011854

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.7	13.1
71	31.1	24.1	36.1

99 100

42 11.4 8.7 13.1

71 31.1 24.1 36.1

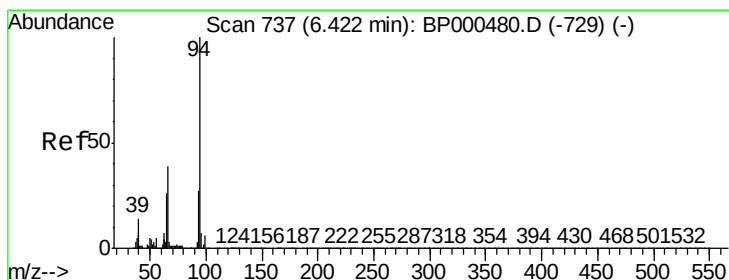
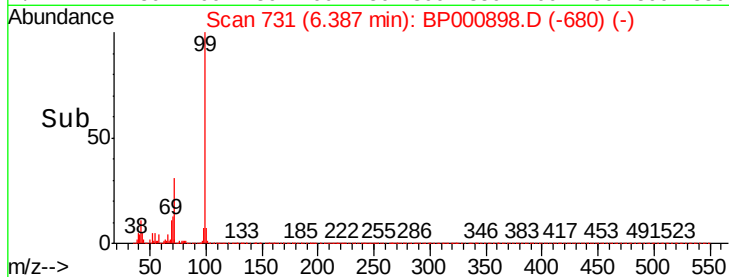
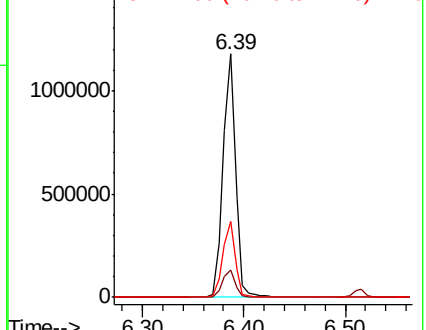


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.026 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

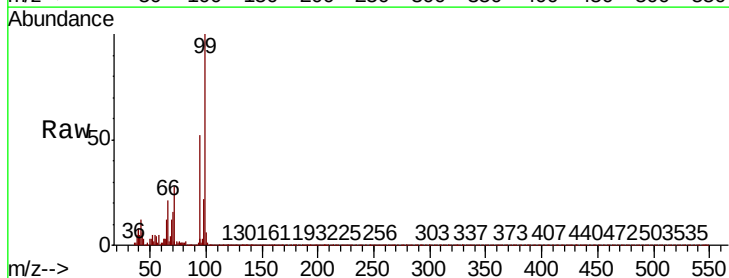
Tgt Ion: 94 Resp: 23222

Ion	Ratio	Lower	Upper
94	100		
65	23.0	14.6	54.6
66	40.1	39.2	79.2

94 100

65 23.0 14.6 54.6

66 40.1 39.2 79.2

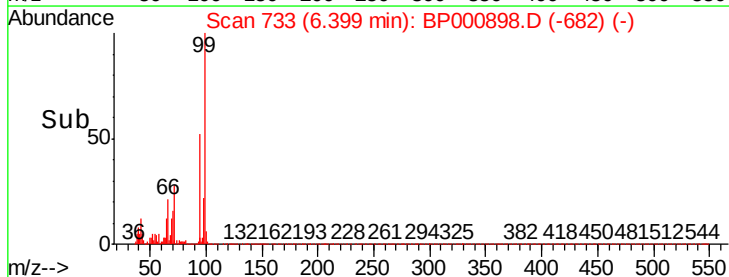
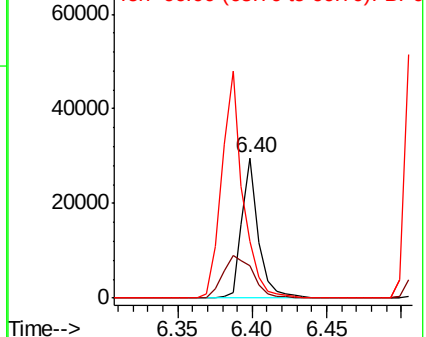


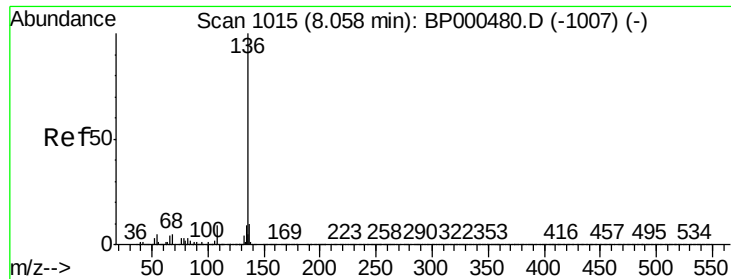
Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

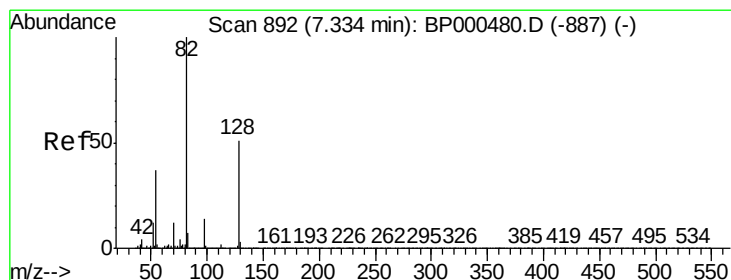
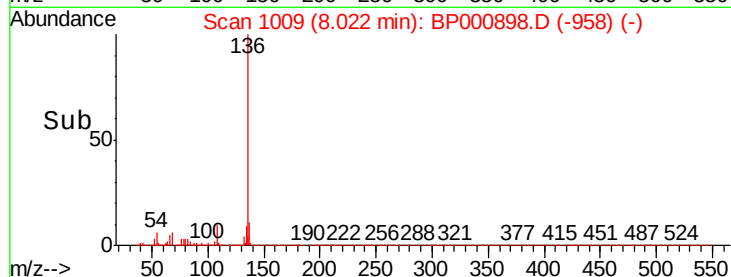
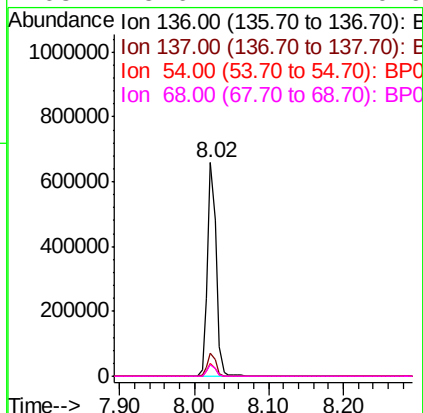
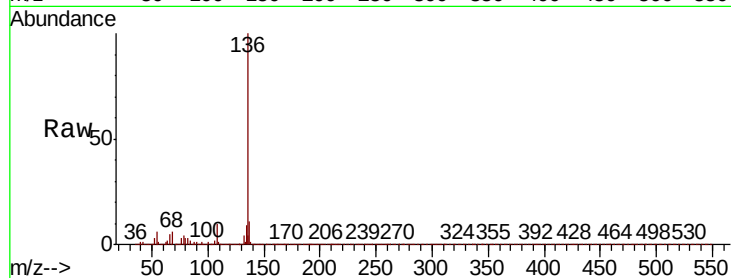




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

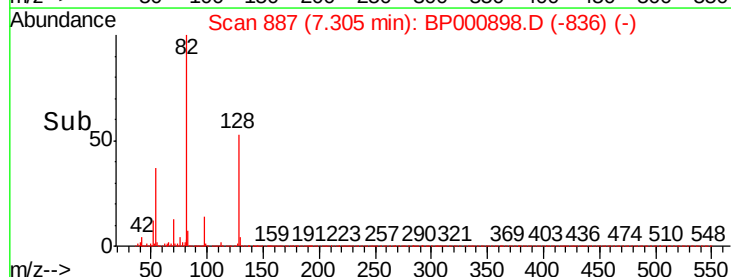
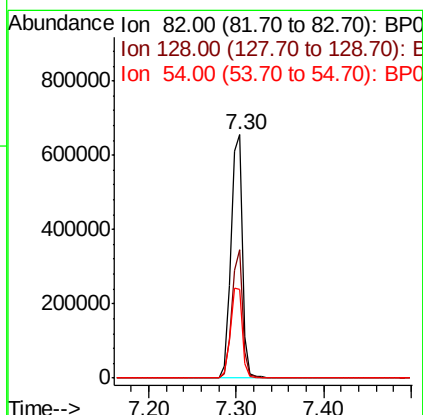
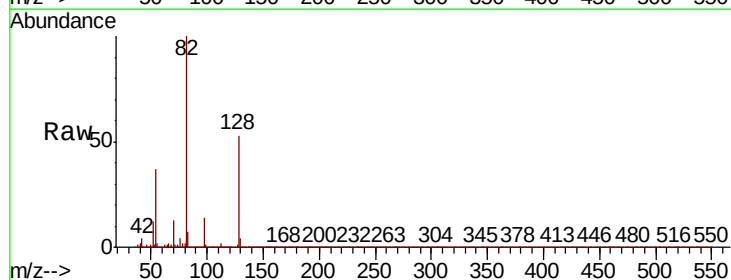
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

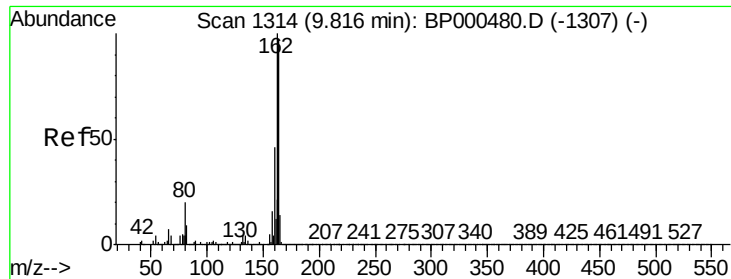
Tot Ion:136	Resp:	541031
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	5.8	4.6 6.8
68	5.6	4.4 6.6



#23
Nitrobenzene-d5
Concen: 67.391 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion: 82	Resp:	596982
Ion	Ratio	Lower Upper
82	100	
128	52.6	41.2 61.8
54	36.7	30.6 45.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE

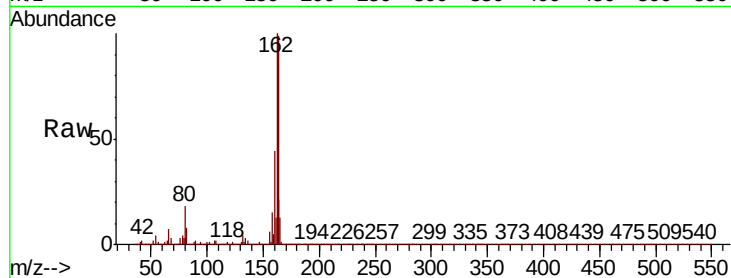
Tot Ion:164 Resp: 296543

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

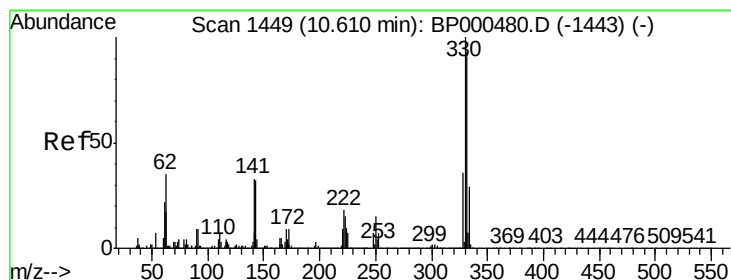
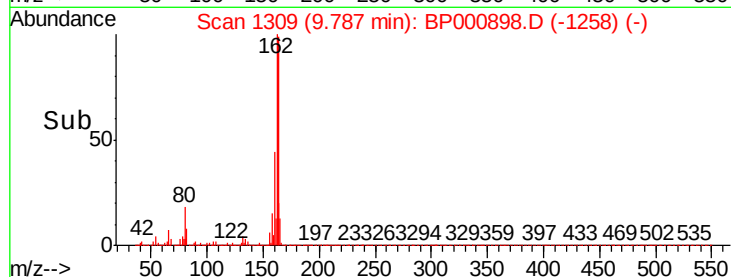
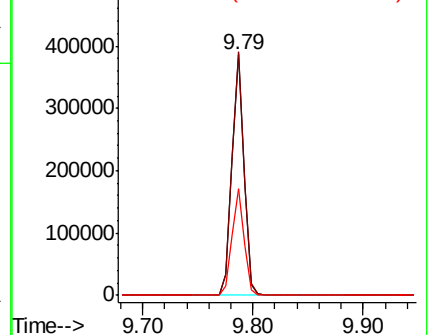
160 44.3 35.4 53.2



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: 43.779 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

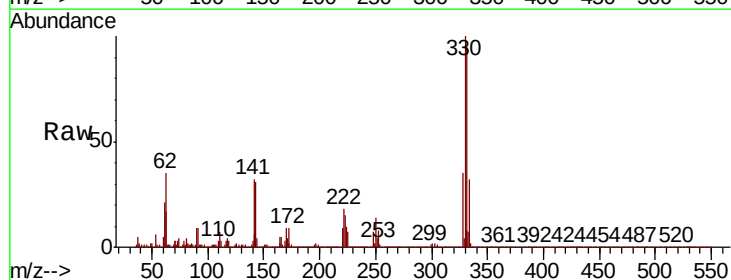
Tgt Ion:330 Resp: 138342

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

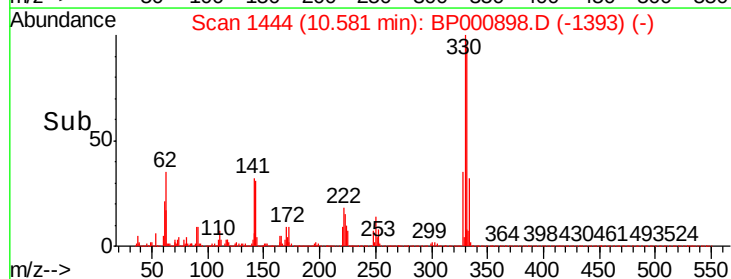
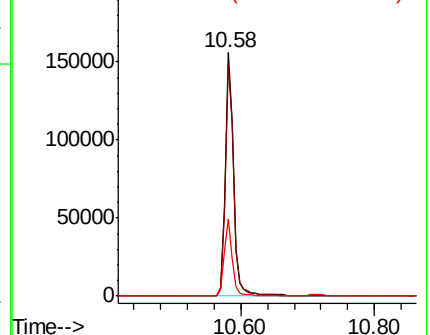
141 30.4 23.7 35.5

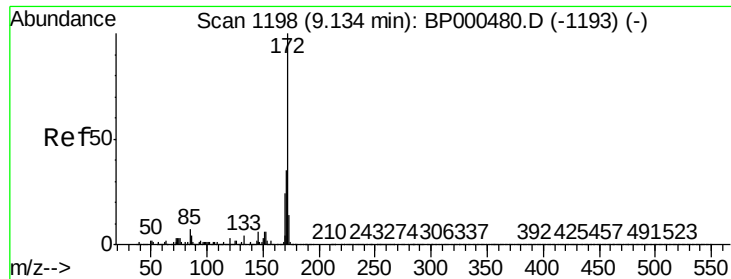


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

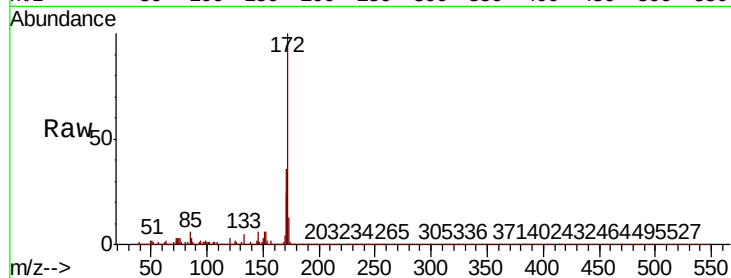




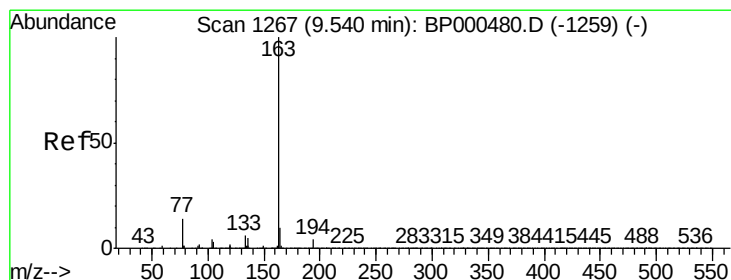
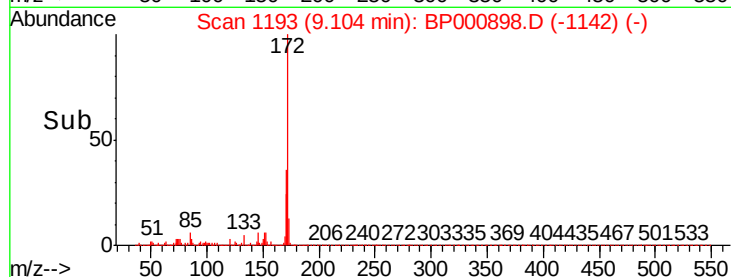
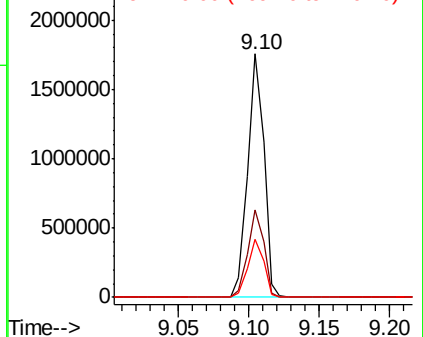
#45
2-Fluorobiphenyl
Concen: 77.486 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tot Ion:172 Resp: 1420140
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 23.9 19.3 28.9

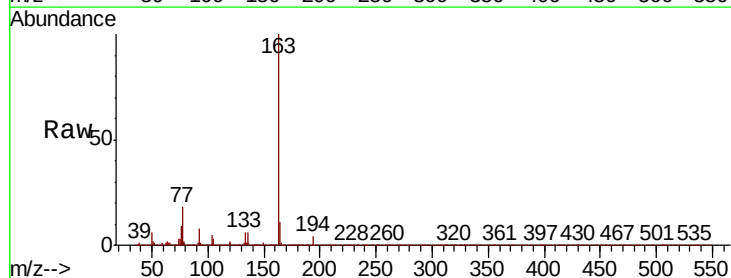


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

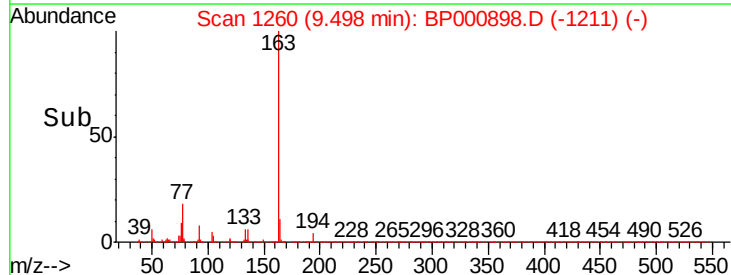
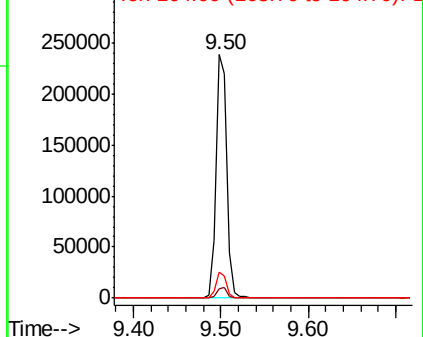


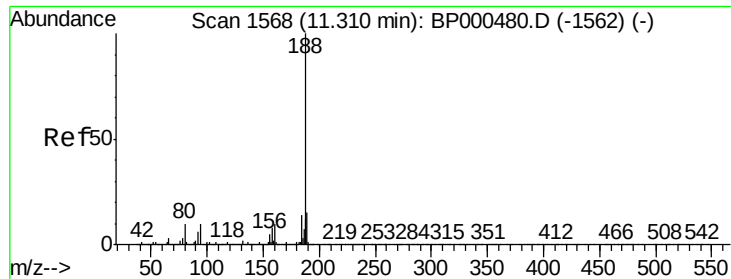
#50
Dimethylphthalate
Concen: 9.861 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:163 Resp: 203189
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.8 8.3 12.5



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: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE

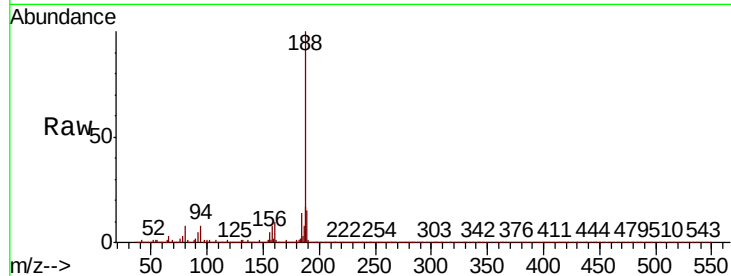
Tot Ion:188 Resp: 539873

Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

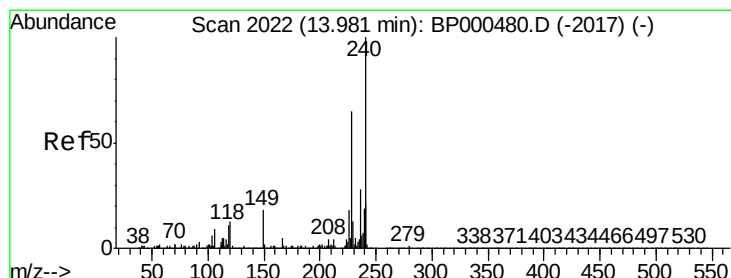
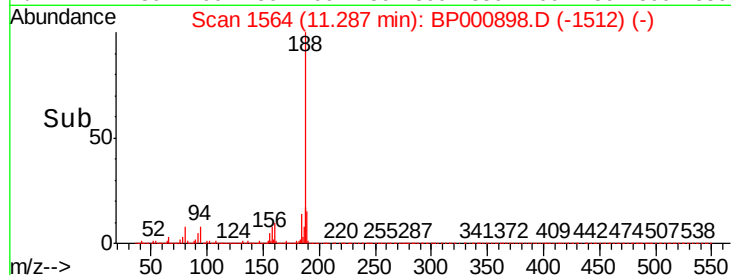
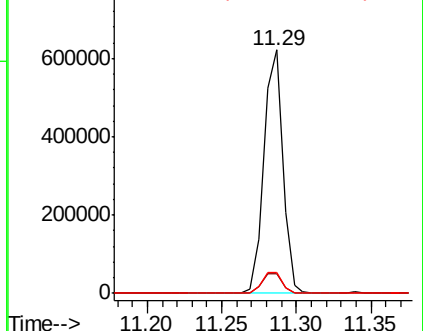
80 8.4 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

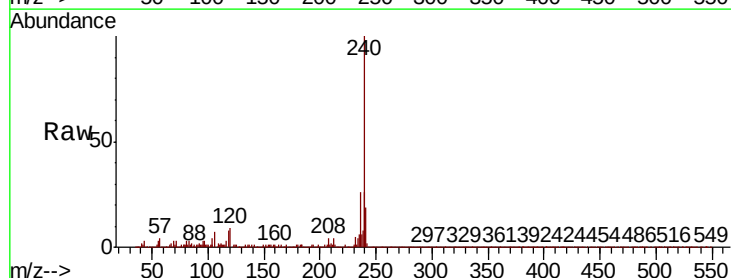
Tgt Ion:240 Resp: 466159

Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

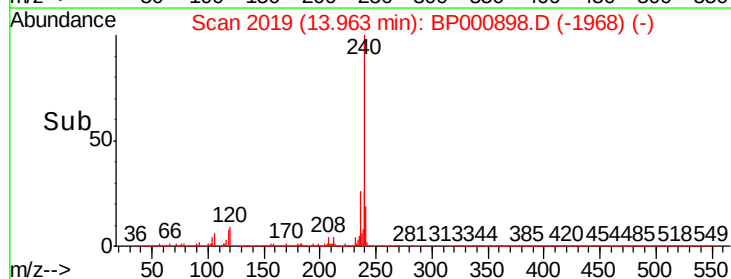
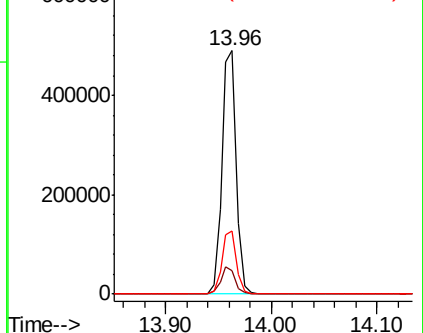
236 26.0 21.2 31.8

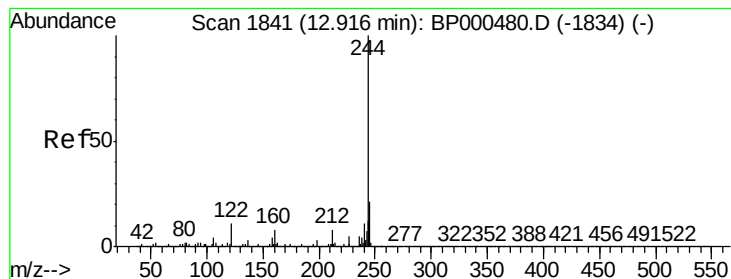


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.946 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE

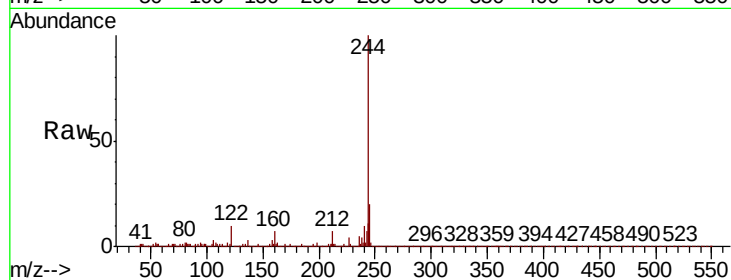
Tot Ion:244 Resp: 1679456

Ion Ratio Lower Upper

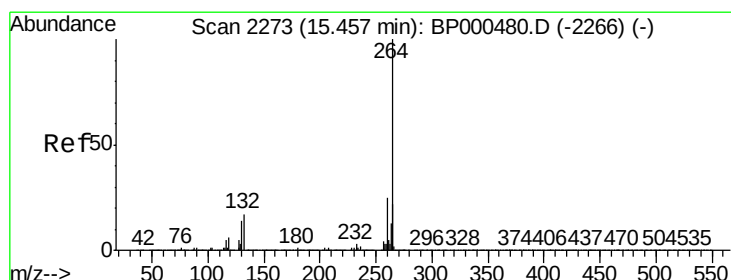
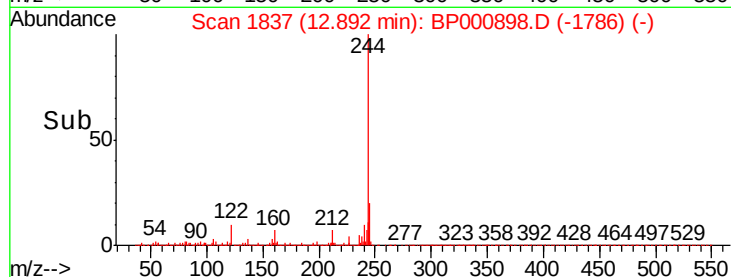
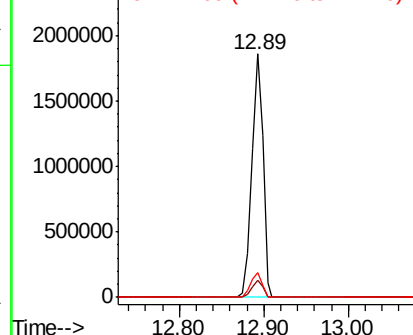
244 100

212 7.0 5.5 8.3

122 10.0 7.1 10.7



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: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BP000898.D

Acq: 19 Oct 2019 00:17

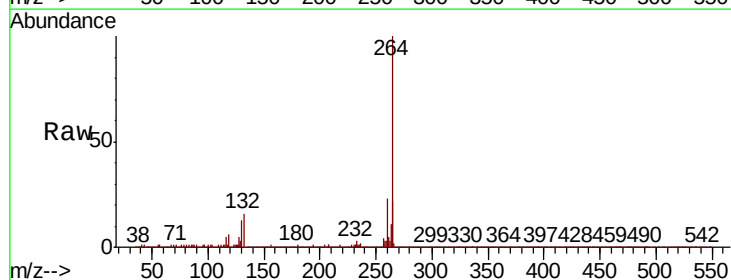
Tgt Ion:264 Resp: 552341

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.5 17.4 26.0



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

