

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000295.D
 Acq On : 18 Sep 2019 14:24
 Operator : HP/JU
 Sample : K4925-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-3

Quant Time: Sep 19 03:44:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

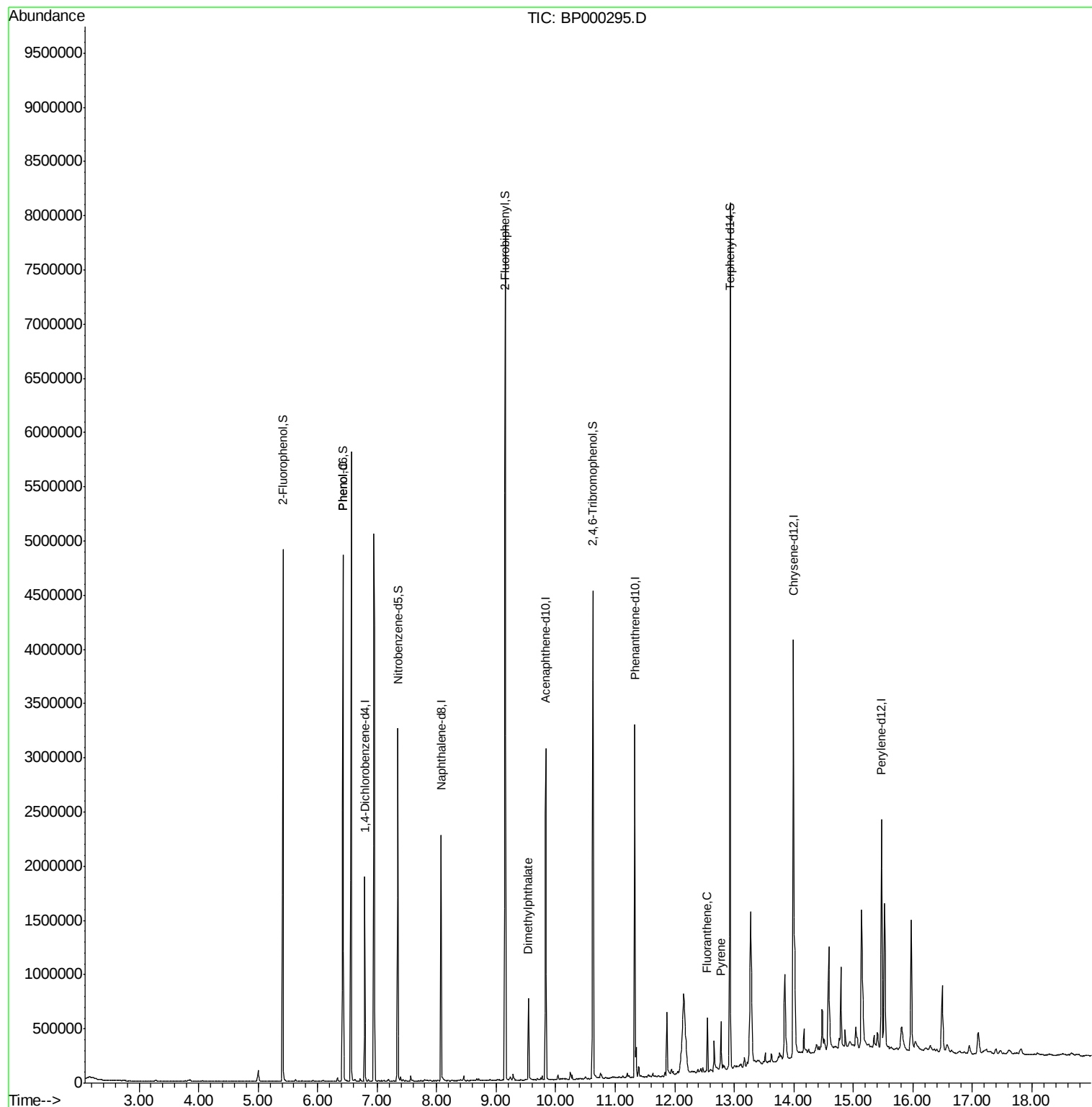
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	296881	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1080315	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	605680	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1123656	20.00	ng	0.00
76) Chrysene-d12	13.99	240	930957	20.00	ng	0.00
87) Perylene-d12	15.47	264	984119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1517220	88.23	ng	0.01
7) Phenol-d6	6.43	99	2020965	95.87	ng	0.00
23) Nitrobenzene-d5	7.35	82	1160043	69.28	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	586850	97.69	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2336753	69.44	ng	0.00
79) Terphenyl-d14	12.93	244	2633596	59.35	ng	0.00
Target Compounds						
10) Phenol	6.43	94	77298	3.227	ng	85
50) Dimethylphthalate	9.55	163	323657	7.843	ng	98
75) Fluoranthene	12.55	202	204851	3.388	ng	95
78) Pyrene	12.78	202	179361	2.575	ng	99

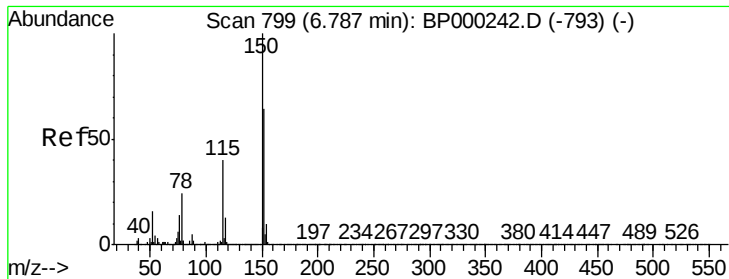
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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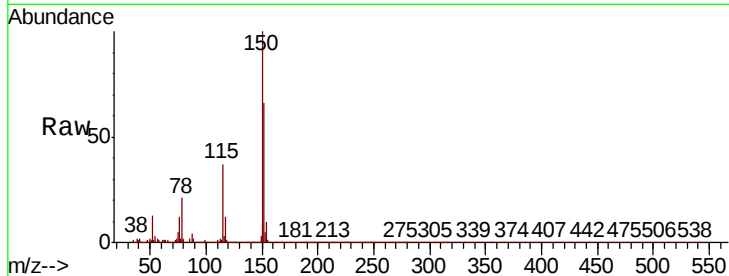


#1

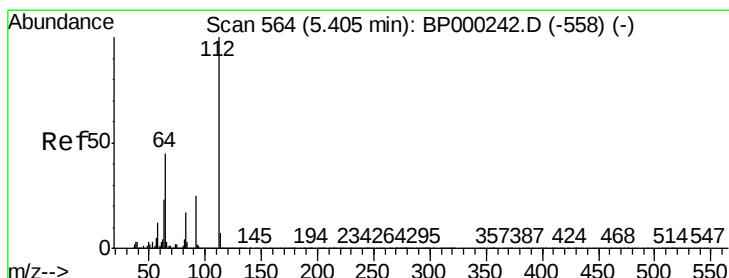
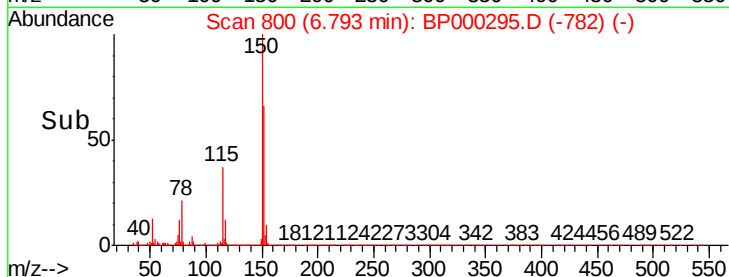
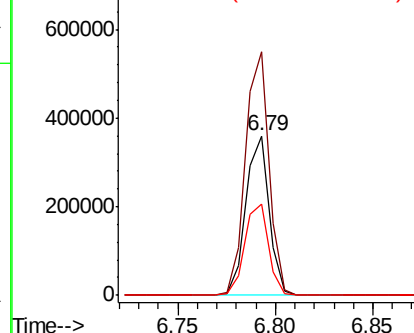
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :
SS-3

Tot Ion:152 Resp: 296881
Ion Ratio Lower Upper
152 100
150 152.6 125.2 187.8
115 57.0 49.7 74.5



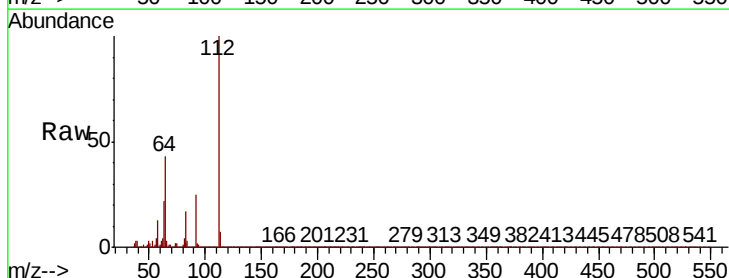
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



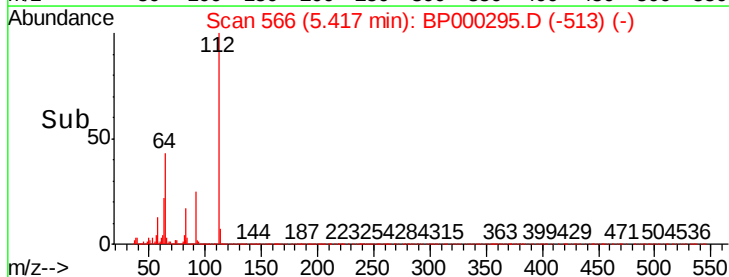
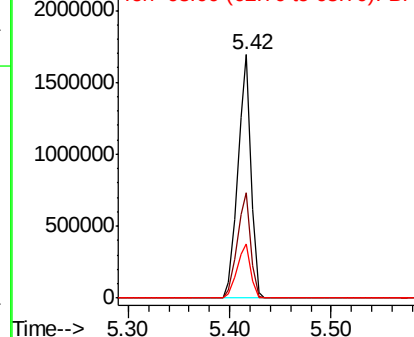
#5

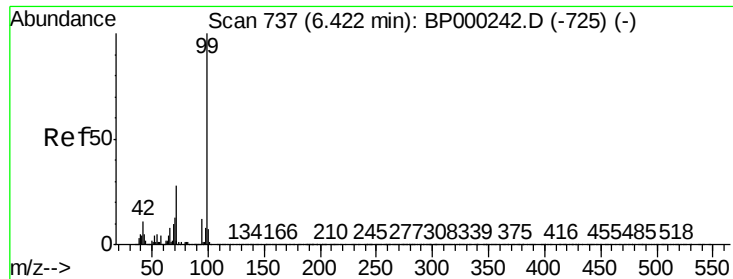
2-Fluorophenol
Concen: 88.226 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:112 Resp: 1517220
Ion Ratio Lower Upper
112 100
64 43.3 36.2 54.4
63 22.4 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 95.871 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

Instrument :

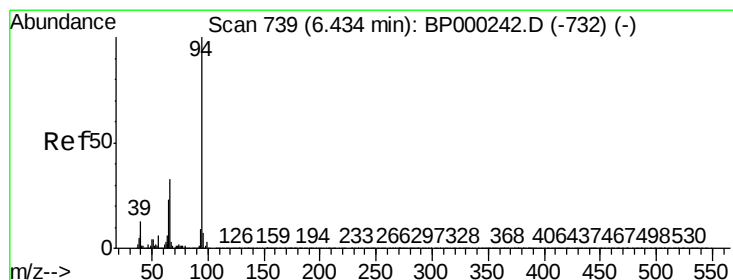
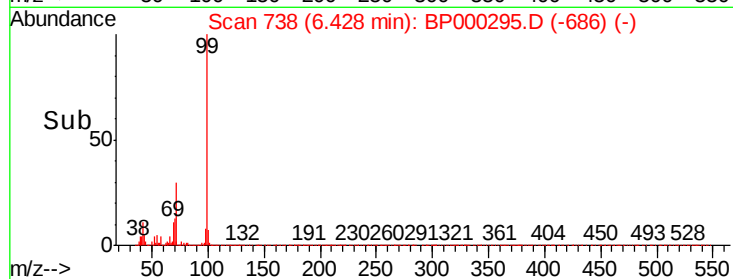
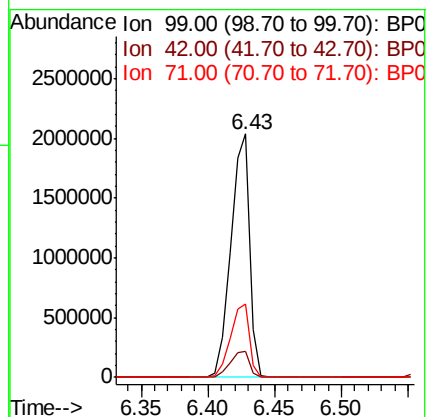
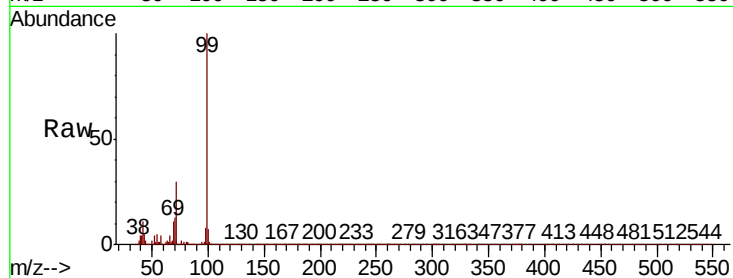
BNA_P

ClientSampled :

SS-3

Tot Ion: 99 Resp: 2020965

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	30.2	22.6	34.0



#10

Phenol

Concen: 3.227 ng

RT: 6.43 min Scan# 739

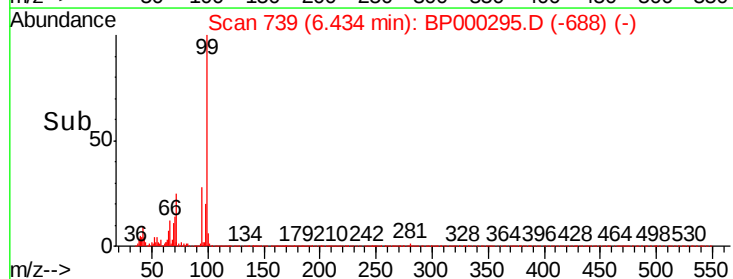
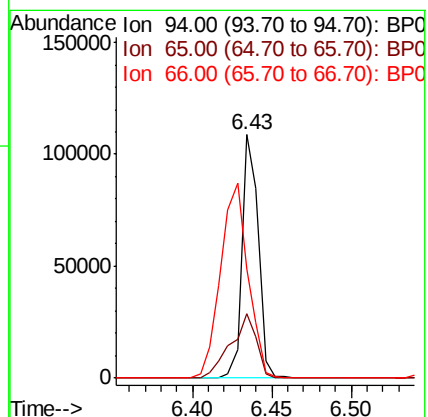
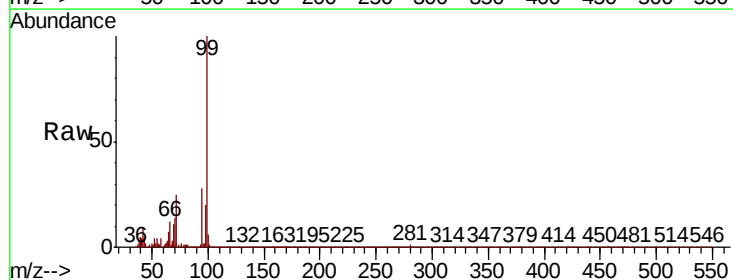
Delta R.T. 0.00 min

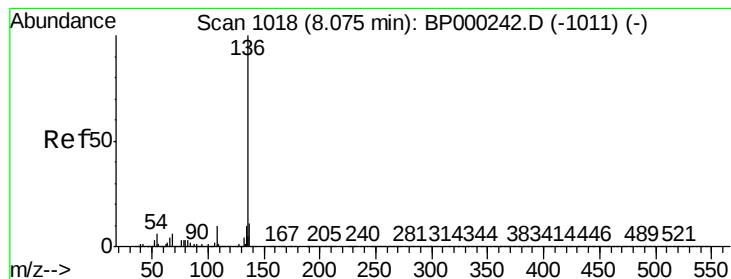
Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

Tgt Ion: 94 Resp: 77298

Ion	Ratio	Lower	Upper
94	100		
65	26.4	3.3	43.3
66	44.7	12.7	52.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

Instrument :

BNA_P

ClientSampleId :

SS-3

Tot Ion:136 Resp: 1080315

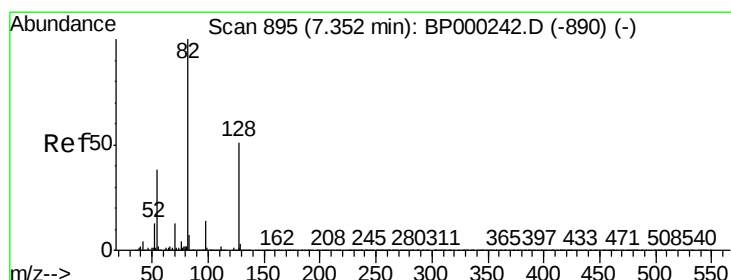
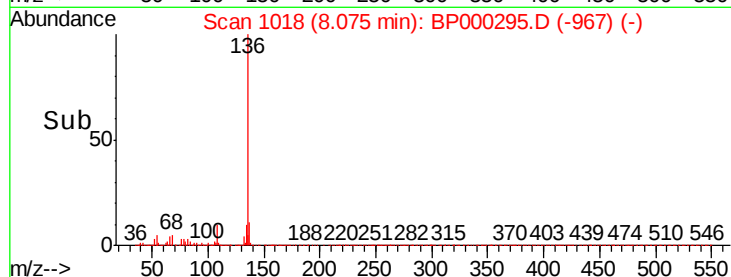
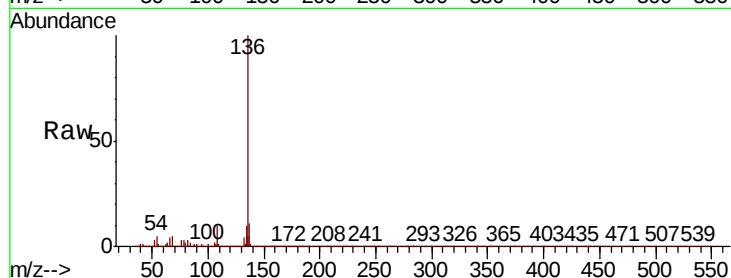
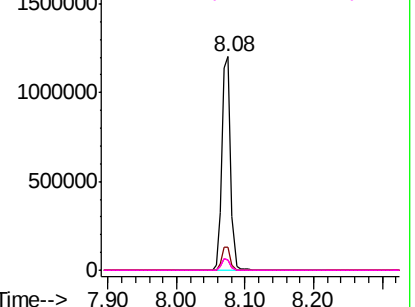
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.9	4.5	6.7
68	5.0	4.5	6.7

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): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 69.281 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

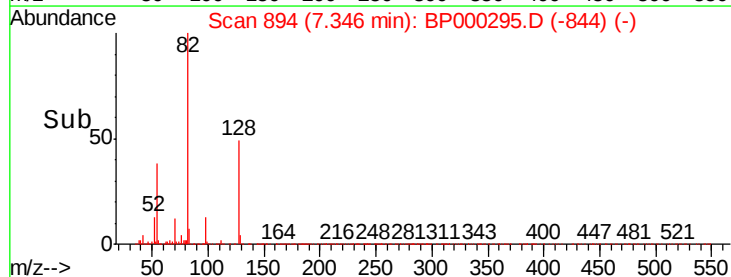
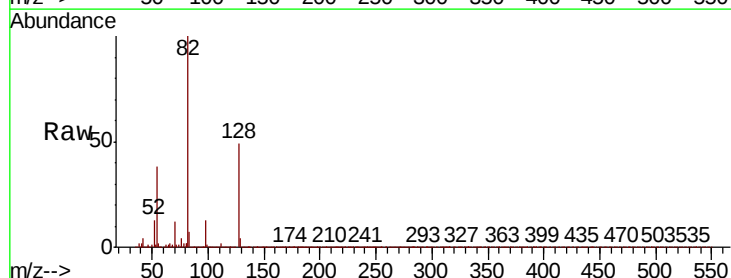
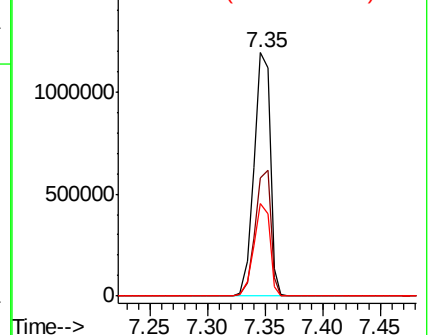
Tgt Ion: 82 Resp: 1160043

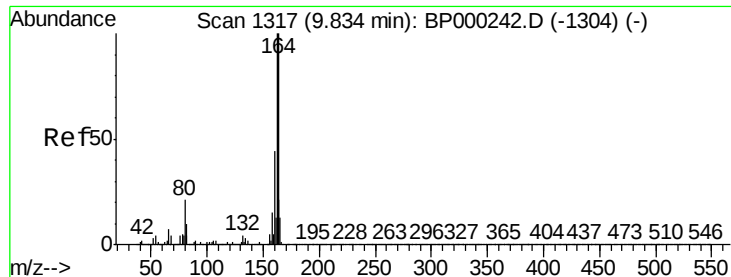
Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.7	61.1
54	38.0	30.1	45.1

Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

Instrument :

BNA_P

ClientSampleId :

SS-3

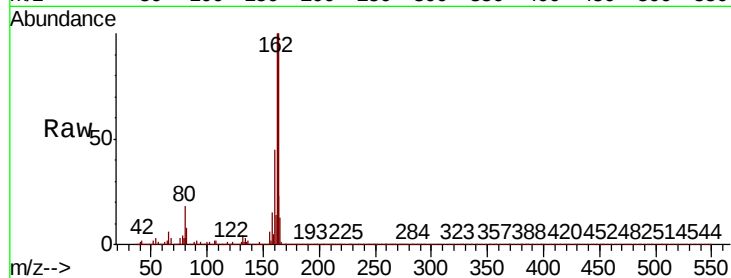
Tot Ion:164 Resp: 605680

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

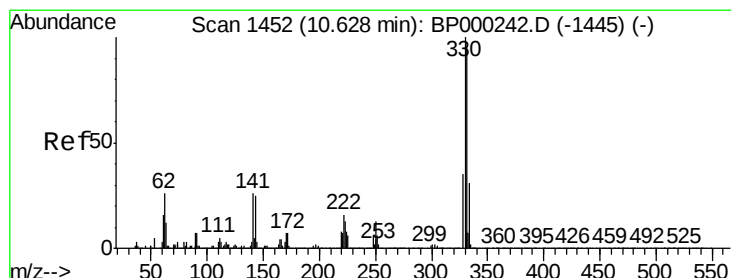
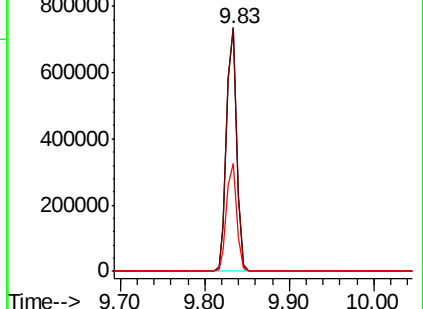
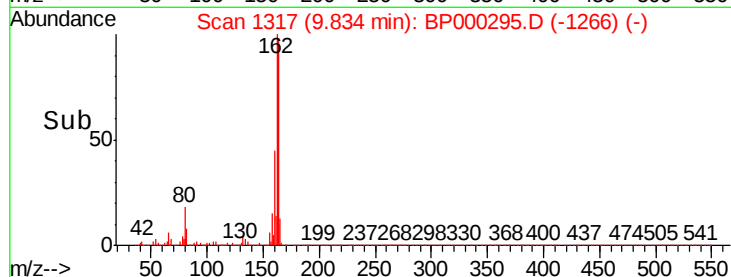
160 44.6 35.6 53.4



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: 97.686 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

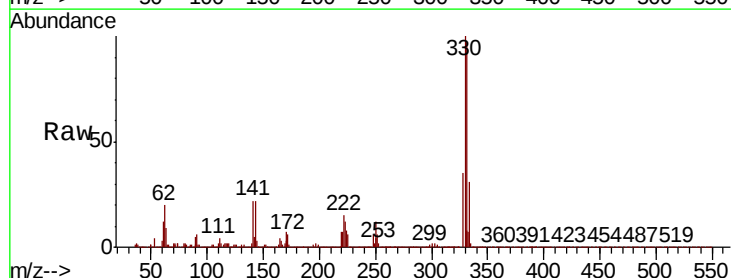
Tgt Ion:330 Resp: 586850

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

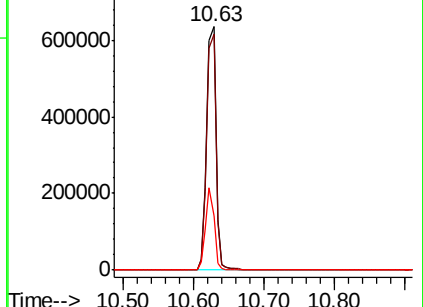
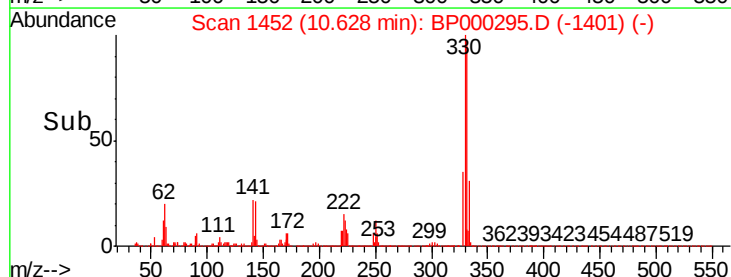
141 30.8 26.5 39.7

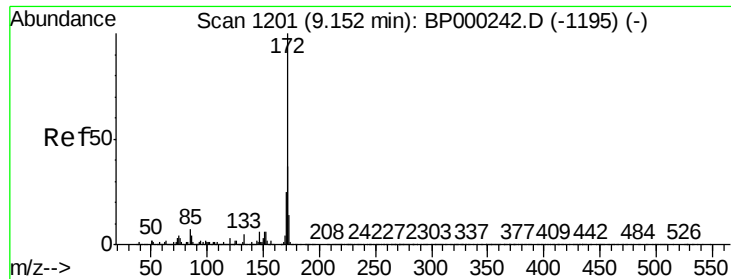


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

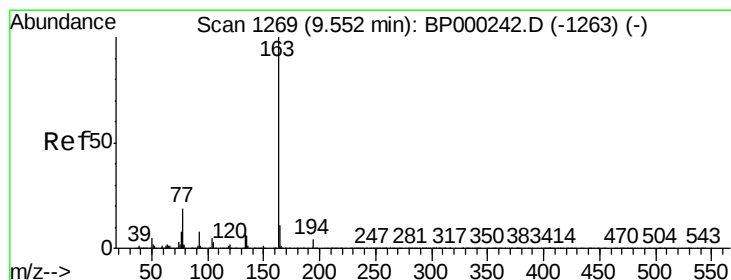
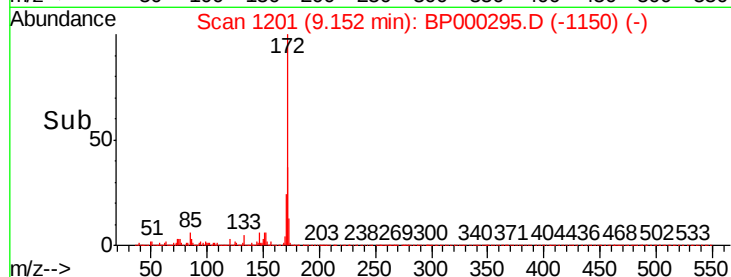
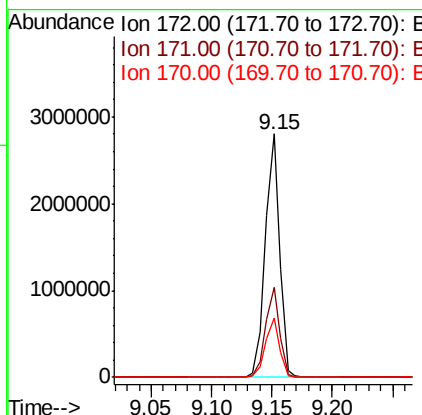
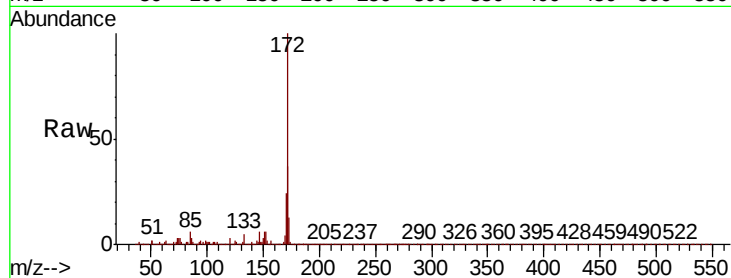




#45
2-Fluorobiphenyl
Concen: 69.438 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

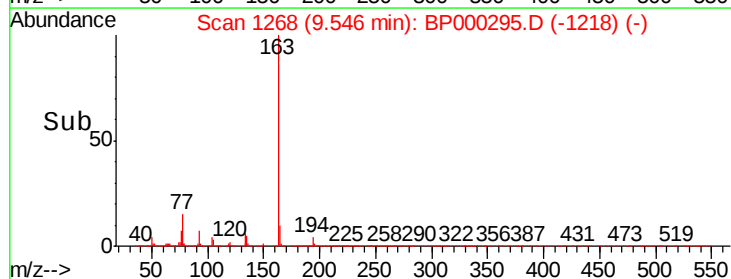
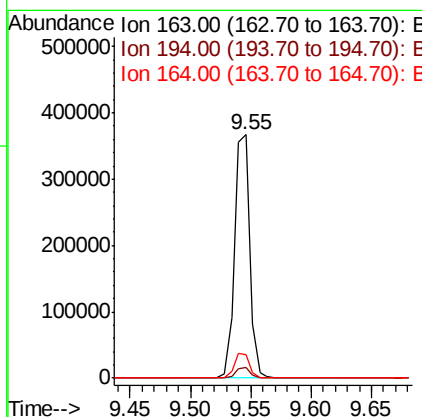
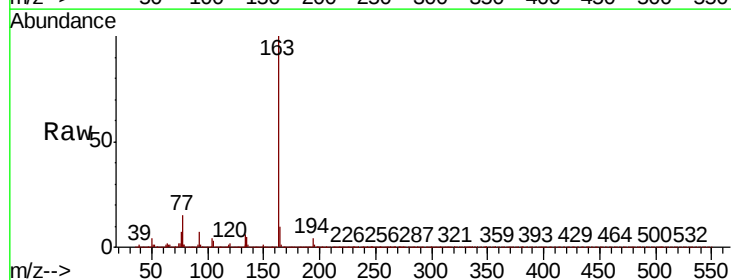
Instrument :
BNA_P
ClientSampleId :
SS-3

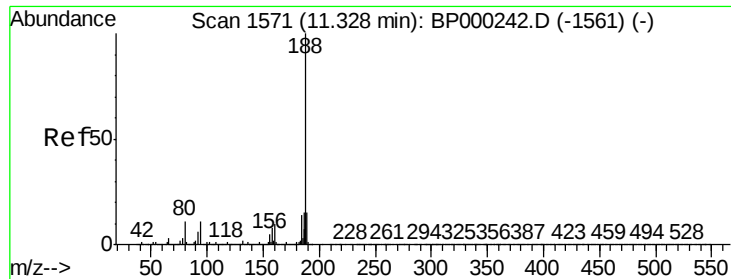
Tot Ion:172 Resp: 2336753
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.3 19.8 29.6



#50
Dimethylphthalate
Concen: 7.843 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion:163 Resp: 323657
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.9 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

Instrument :

BNA_P

ClientSampleId :

SS-3

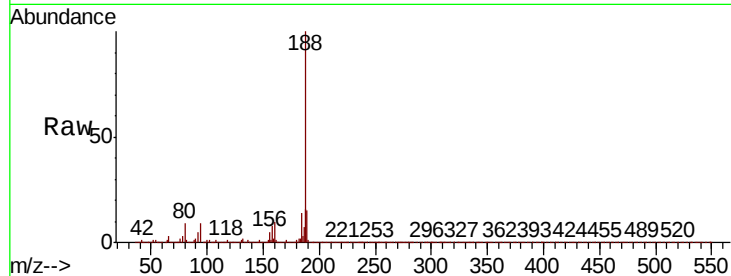
Tot Ion:188 Resp: 1123656

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

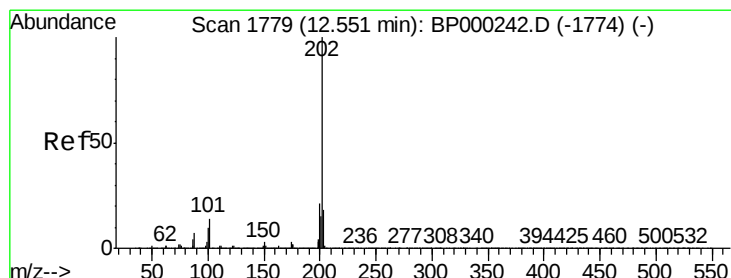
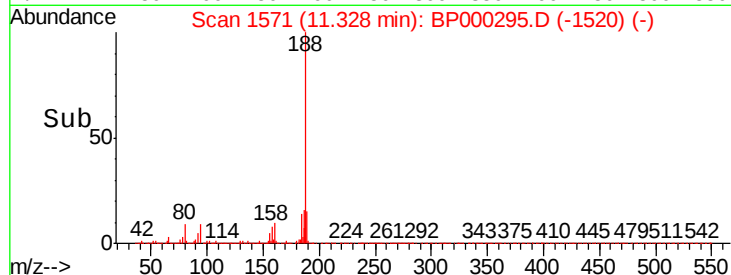
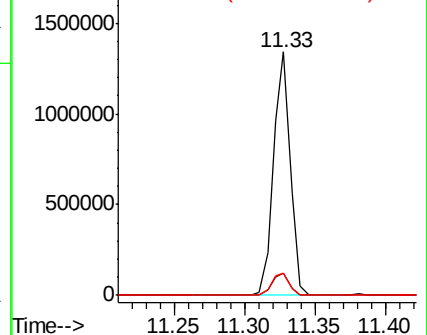
80 9.2 8.6 13.0



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



#75

Fluoranthene

Concen: 3.388 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

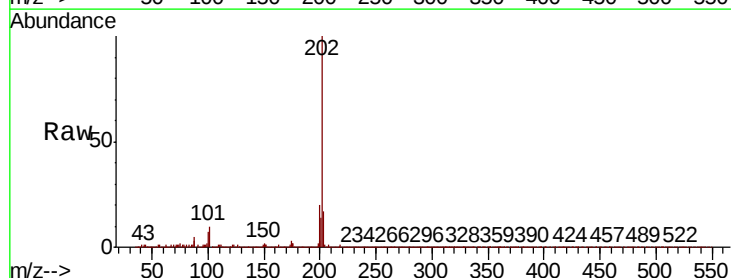
Tgt Ion:202 Resp: 204851

Ion Ratio Lower Upper

202 100

101 9.7 0.0 33.9

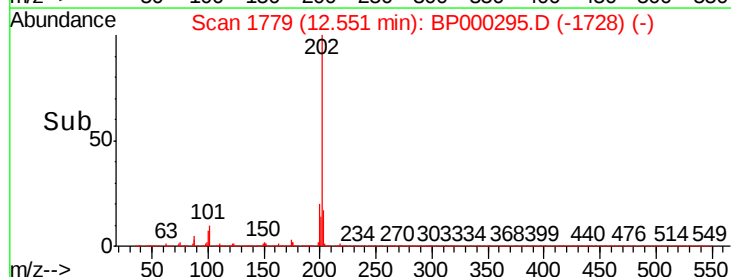
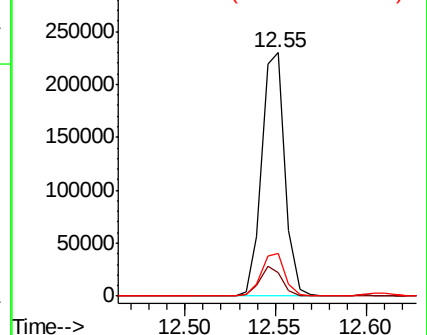
203 17.5 0.0 38.0

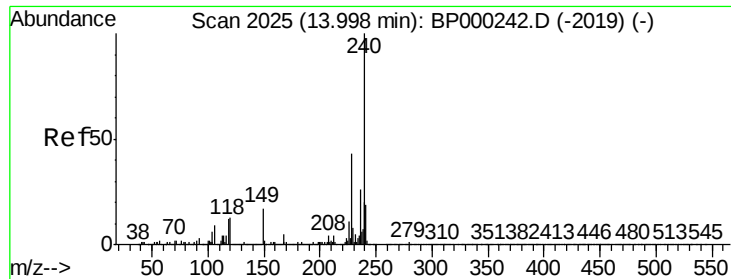


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

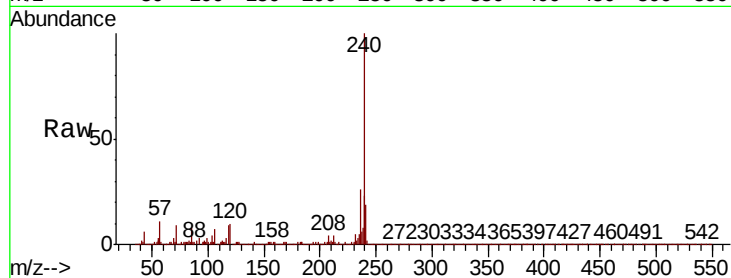




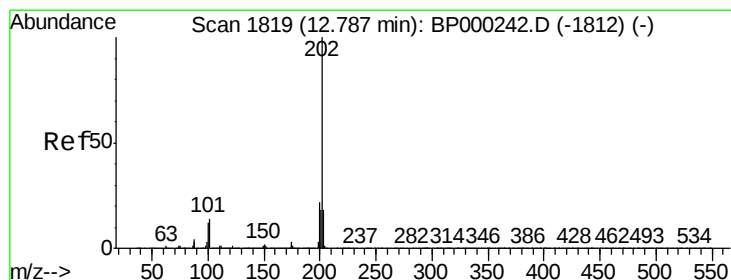
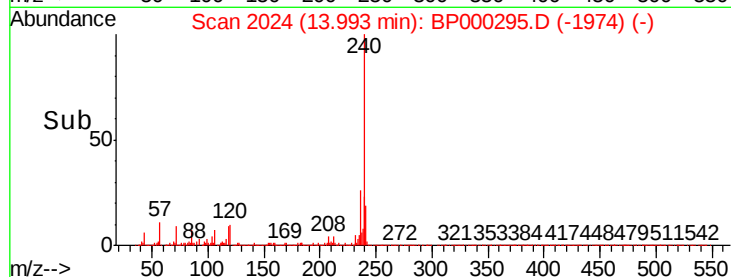
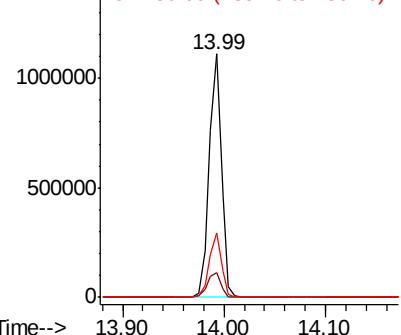
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Instrument :
BNA_P
ClientSampleId :
SS-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.4	15.6#
236	26.4	21.0	31.6

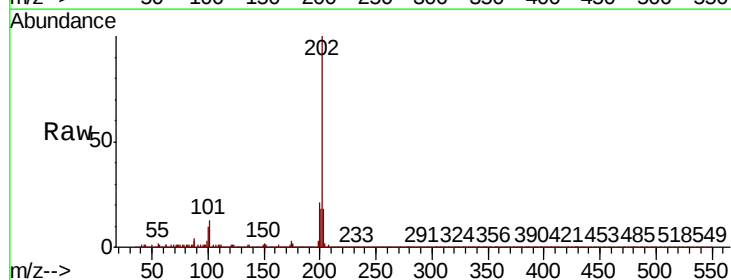


Abundance Ion 240.00 (239.70 to 240.70): E
1500000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

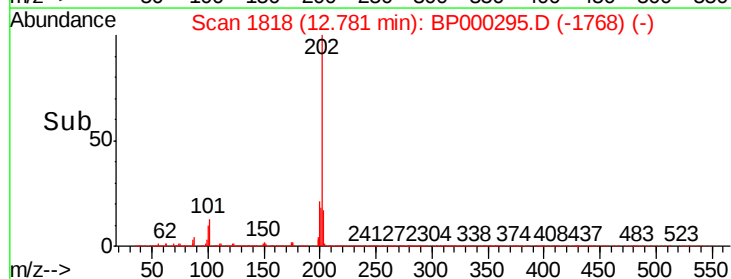
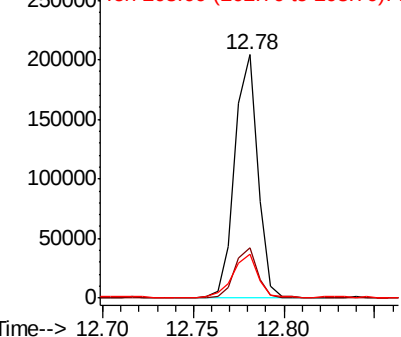


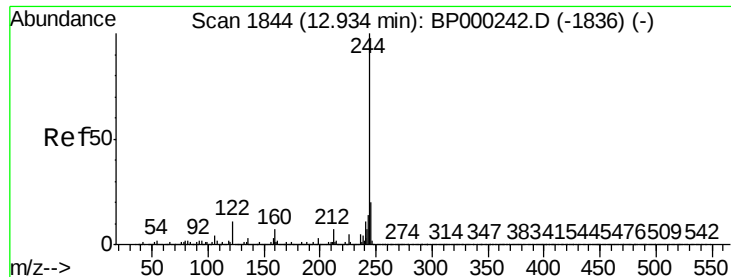
#78
Pyrene
Concen: 2.575 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000295.D
Acq: 18 Sep 2019 14:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.5	26.3
203	17.8	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
250000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.346 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

Instrument :

BNA_P

ClientSampleId :

SS-3

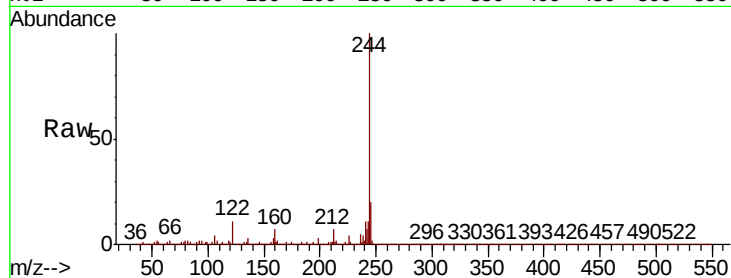
Tot Ion:244 Resp: 2633596

Ion Ratio Lower Upper

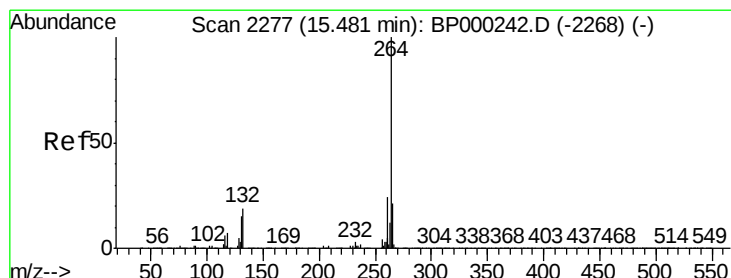
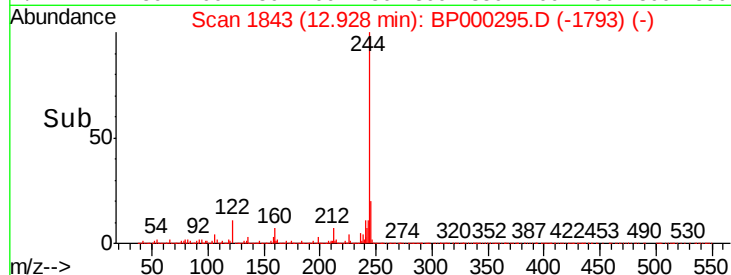
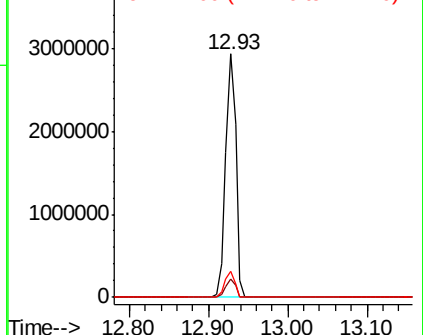
244 100

212 7.4 5.9 8.9

122 10.8 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000295.D

Acq: 18 Sep 2019 14:24

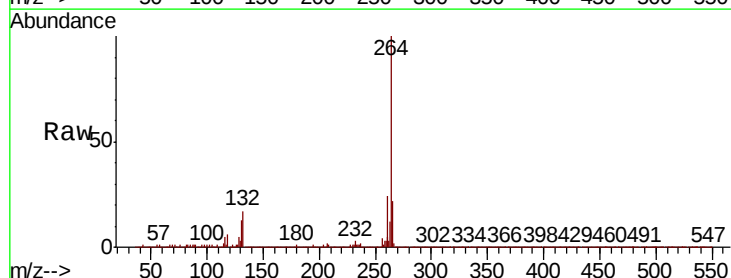
Tgt Ion:264 Resp: 984119

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.9 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

