

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000383.D
 Acq On : 24 Sep 2019 14:58
 Operator : JU
 Sample : K4978-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Z2-0162

Quant Time: Sep 24 17:06:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

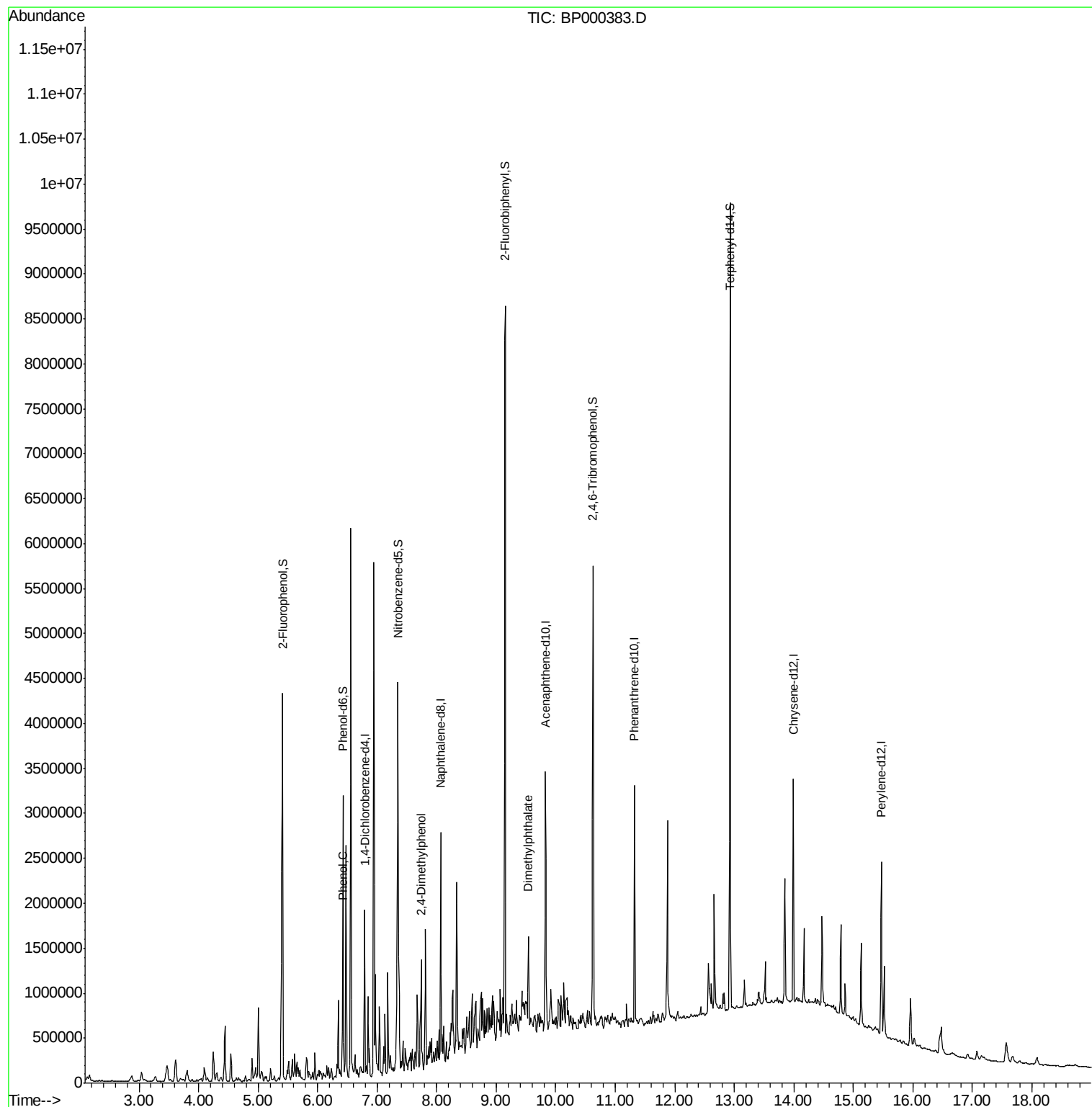
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250967	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	887177	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	493501	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	895042	20.00	ng	0.00
76) Chrysene-d12	13.99	240	788771	20.00	ng	0.00
87) Perylene-d12	15.47	264	889357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1257085	86.47	ng	0.00
7) Phenol-d6	6.42	99	1109223	62.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	1294770	94.16	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	733253	149.80	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2602661	94.92	ng	0.00
79) Terphenyl-d14	12.93	244	3315757	88.19	ng	0.00
Target Compounds						
10) Phenol	6.43	94	57003	2.816	ng	98
27) 2,4-Dimethylphenol	7.74	122	181683	15.064	ng	# 91
50) Dimethylphthalate	9.54	163	368141	10.949	ng	99

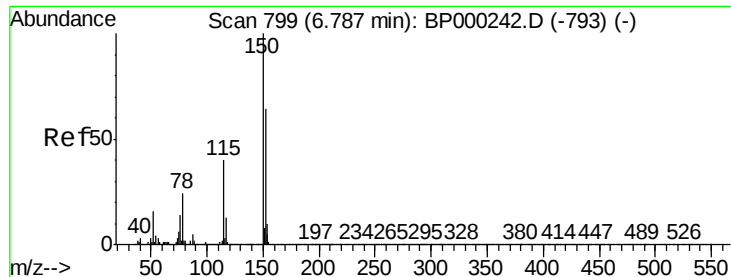
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

Z2-0162

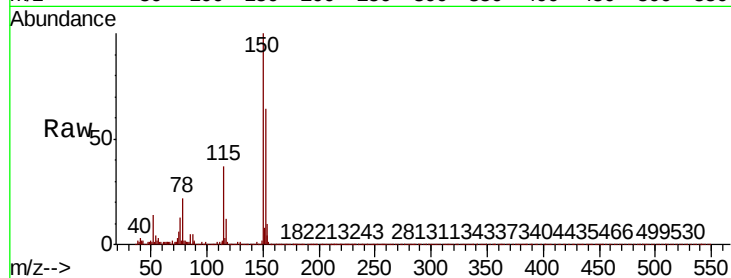
Tot Ion:152 Resp: 250967

Ion Ratio Lower Upper

152 100

150 155.7 125.2 187.8

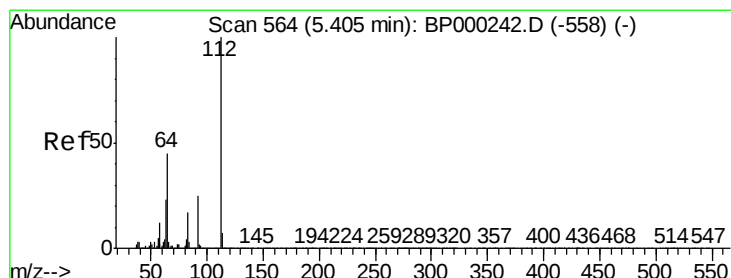
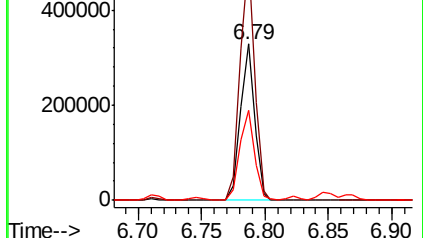
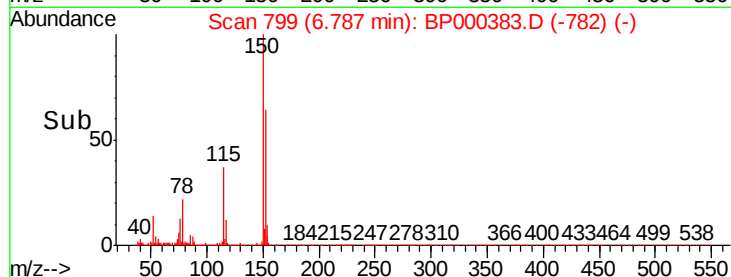
115 58.0 49.7 74.5



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: 86.472 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

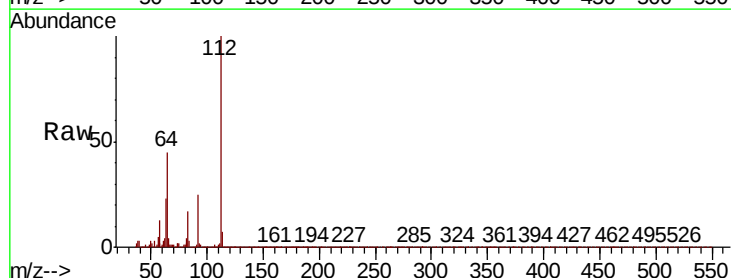
Tgt Ion:112 Resp: 1257085

Ion Ratio Lower Upper

112 100

64 44.6 36.2 54.4

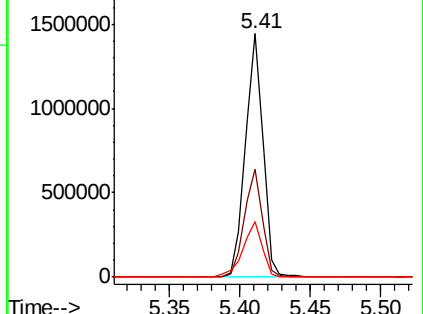
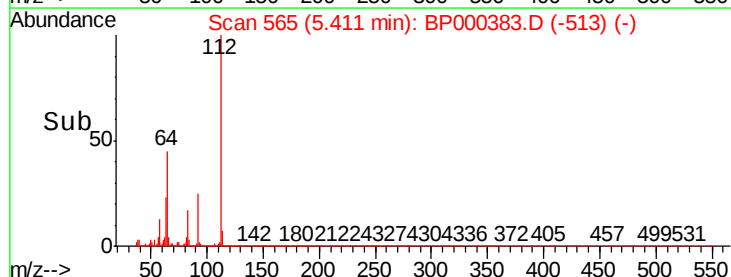
63 23.0 18.3 27.5

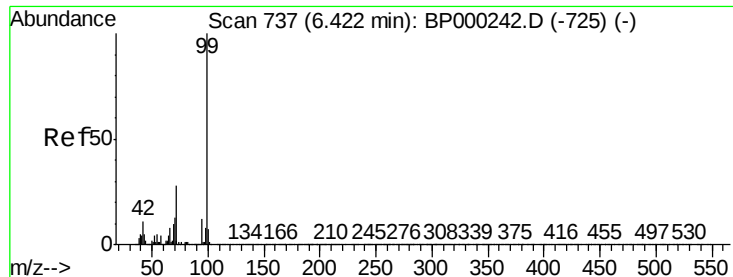


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 62.247 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

Instrument :

BNA_P

ClientSampleId :

Z2-0162

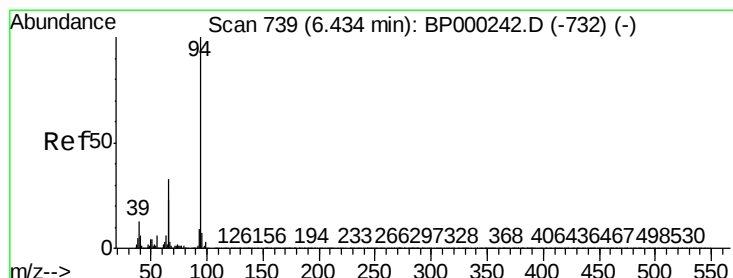
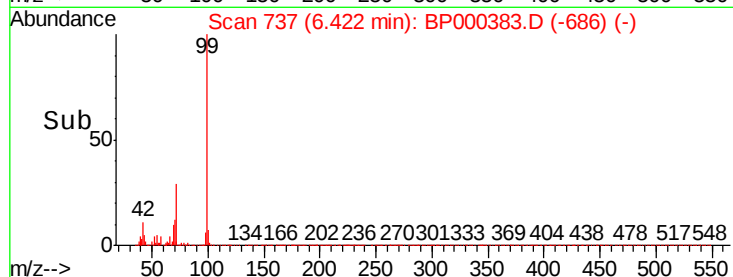
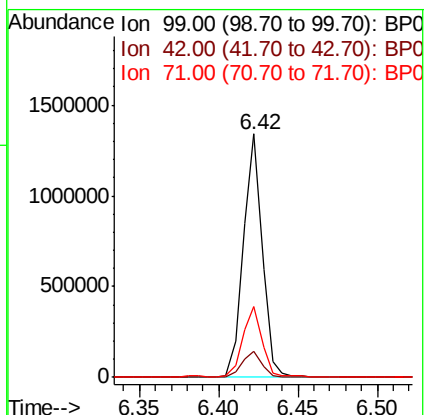
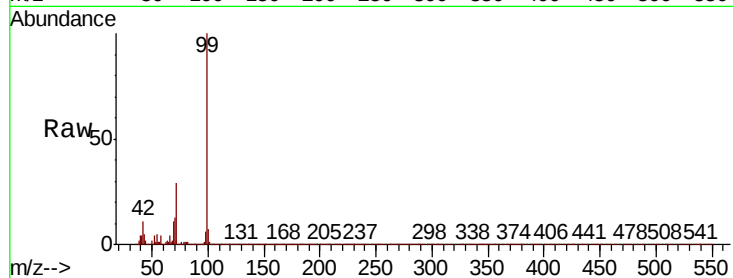
Tot Ion: 99 Resp: 1109223

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

71 29.0 22.6 34.0



#10

Phenol

Concen: 2.816 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000383.D

Acq: 24 Sep 2019 14:58

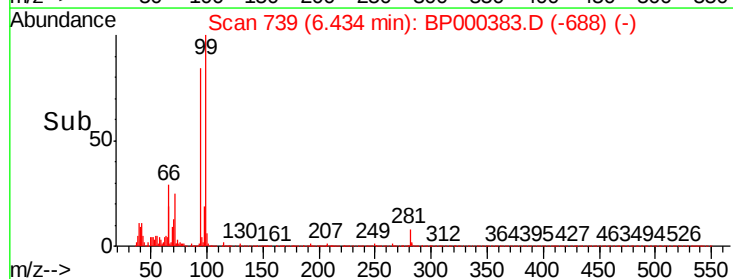
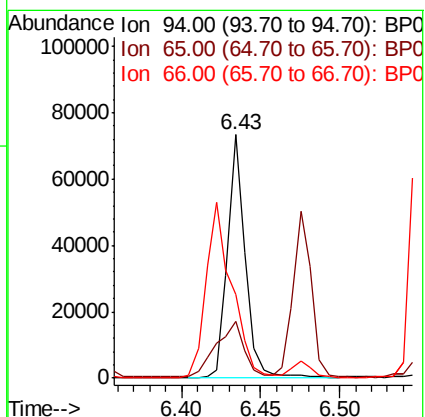
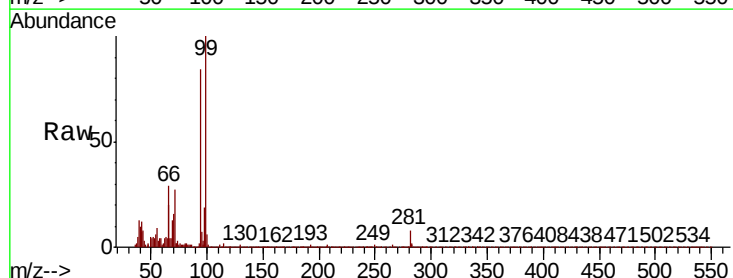
Tgt Ion: 94 Resp: 57003

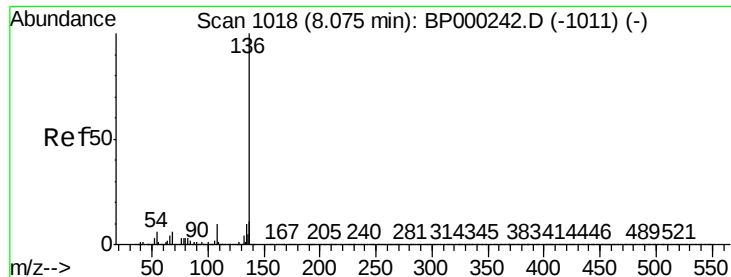
Ion Ratio Lower Upper

94 100

65 23.4 3.3 43.3

66 34.2 12.7 52.7

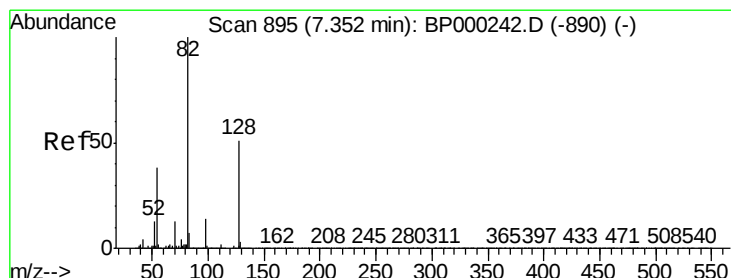
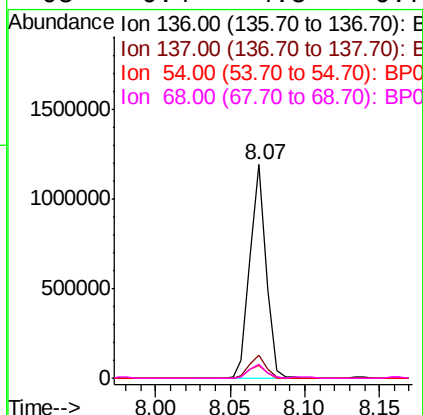
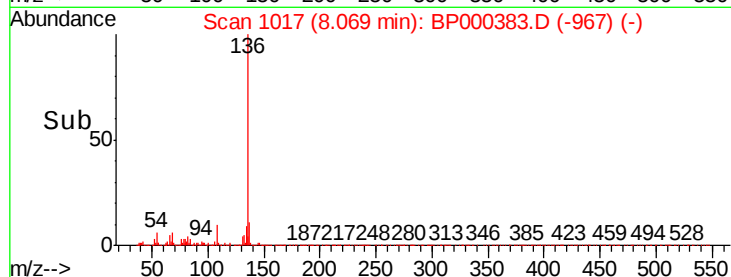
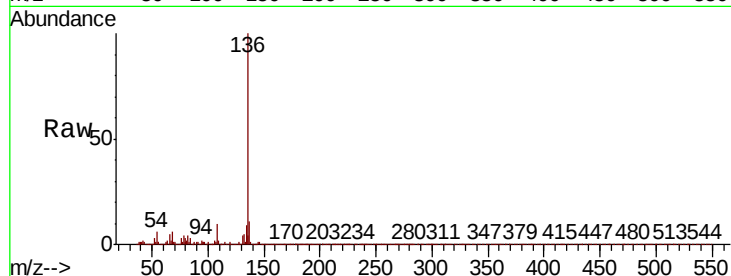




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

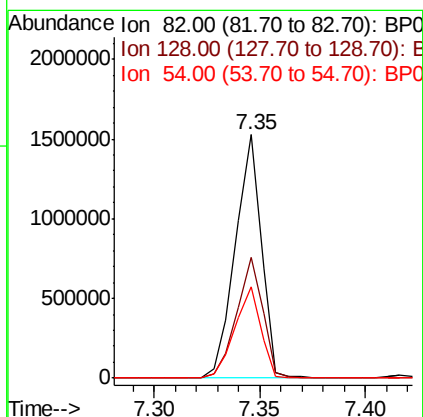
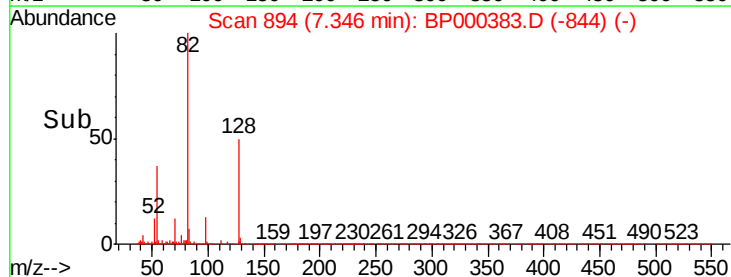
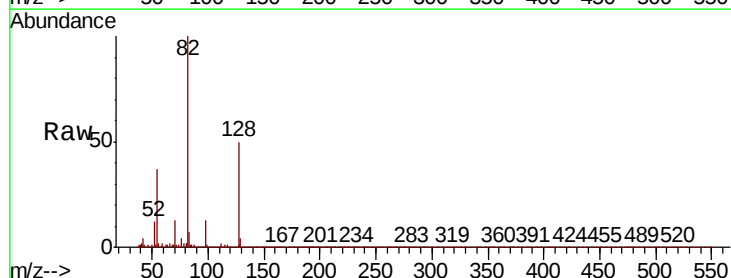
Instrument :
BNA_P
ClientSampleId :
Z2-0162

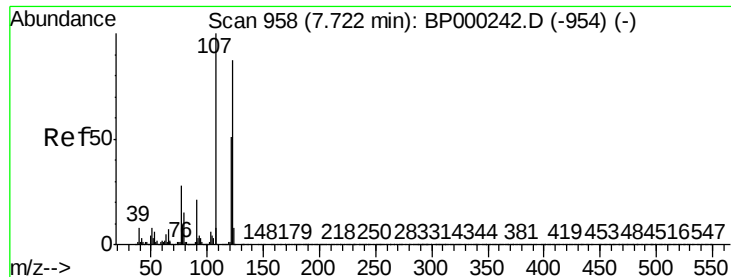
Tot Ion:136	Resp:	887177
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	6.1	4.5 6.7
68	6.4	4.5 6.7



#23
Nitrobenzene-d5
Concen: 94.161 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Tgt Ion: 82	Resp:	1294770
Ion	Ratio	Lower Upper
82	100	
128	49.6	40.7 61.1
54	37.3	30.1 45.1

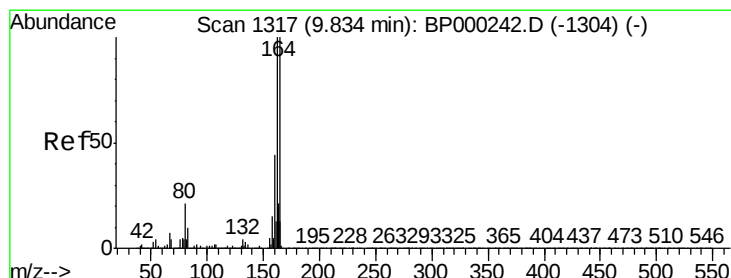
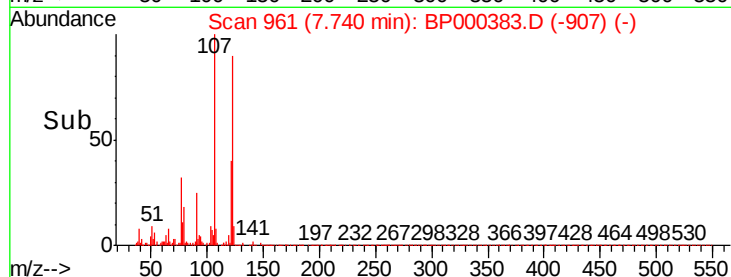
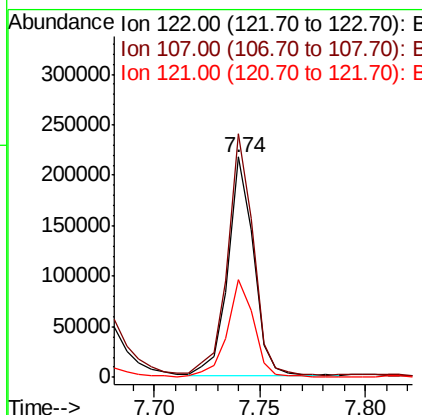
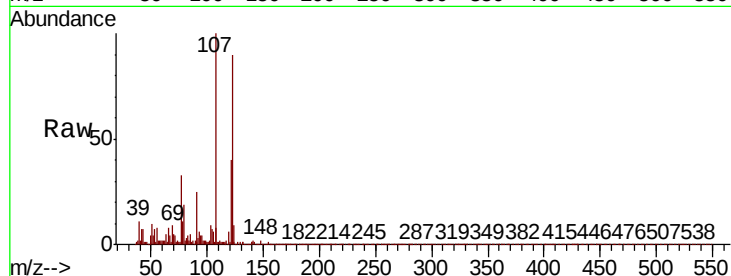




#27
2,4-Dimethylphenol
Concen: 15.064 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.02 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

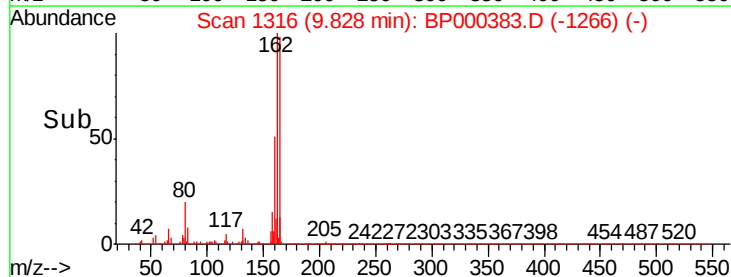
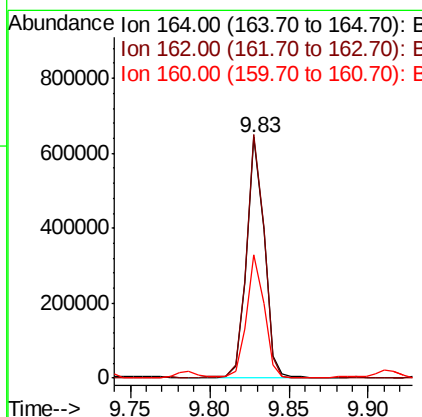
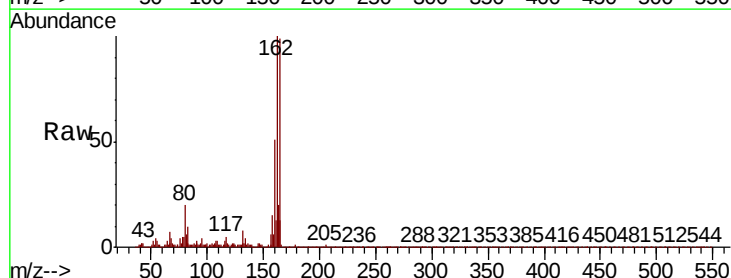
Instrument :
BNA_P
ClientSampleId :
Z2-0162

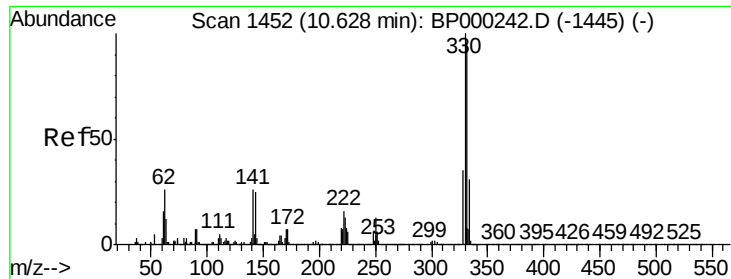
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	91.5	137.3
121	44.1	46.9	70.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.9	119.9
160	51.2	35.6	53.4

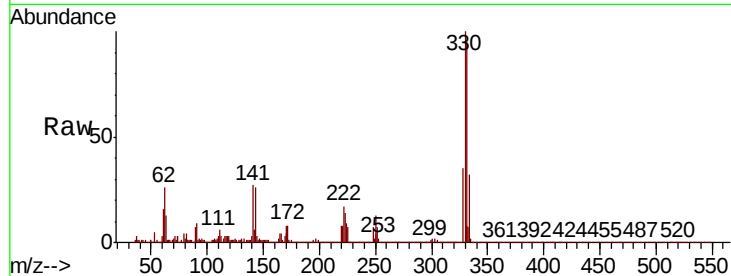




#42
2,4,6-Tribromophenol
Concen: 149.800 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Instrument :
BNA_P
ClientSampled :
Z2-0162

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	32.2	26.5	39.7

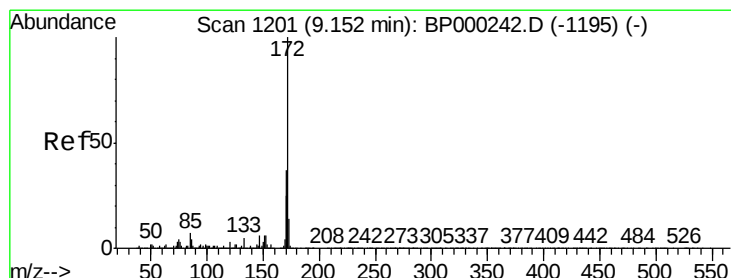
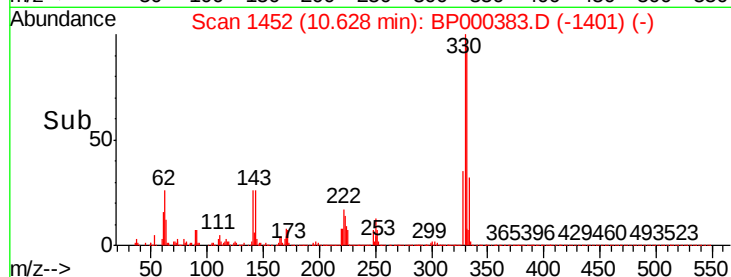
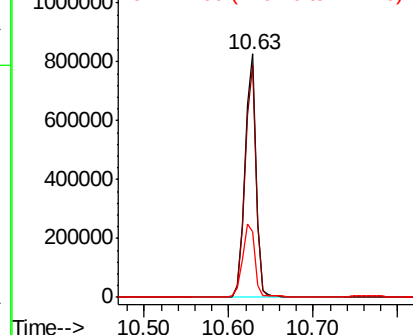


Abundance

Ion 329.80 (329.50 to 330.50): E

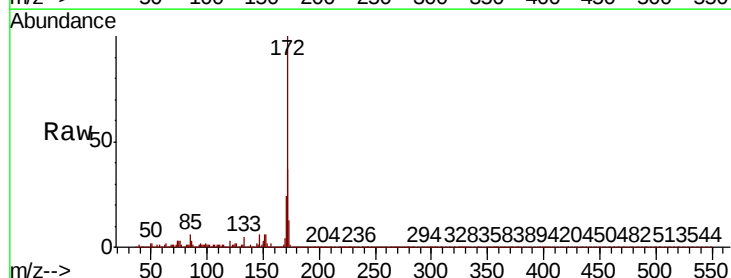
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 94.920 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.4	19.8	29.6

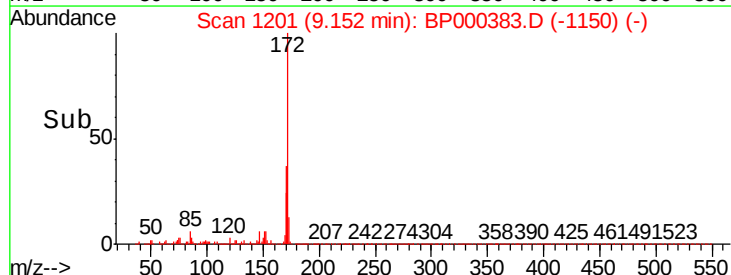
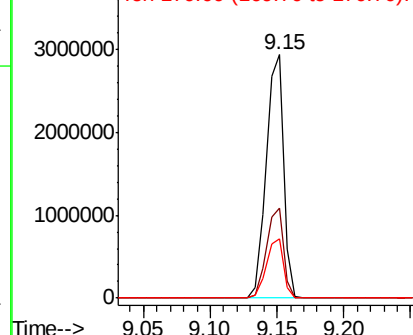


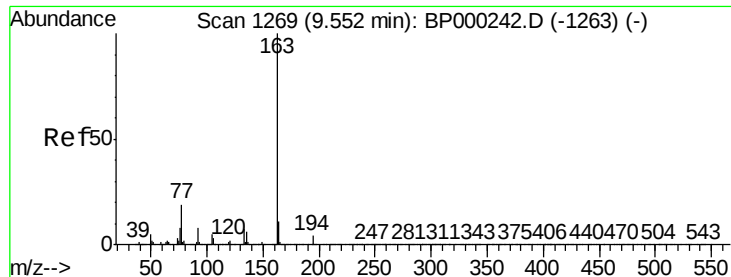
Abundance

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

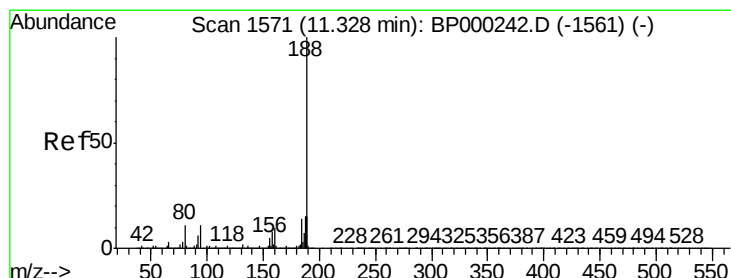
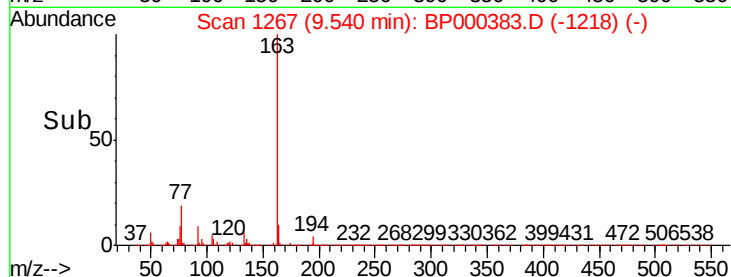
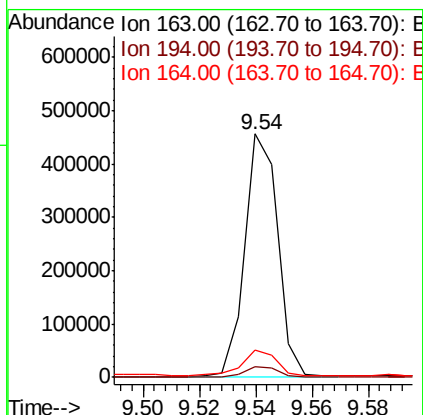
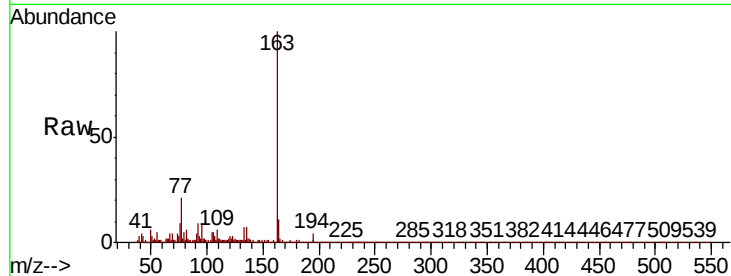




#50
Dimethylphthalate
Concen: 10.949 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

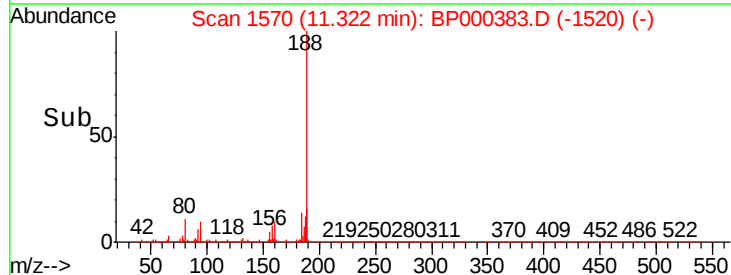
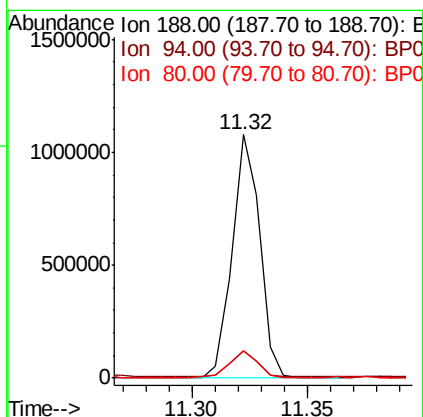
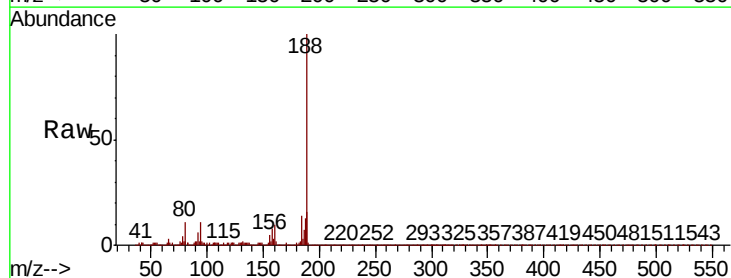
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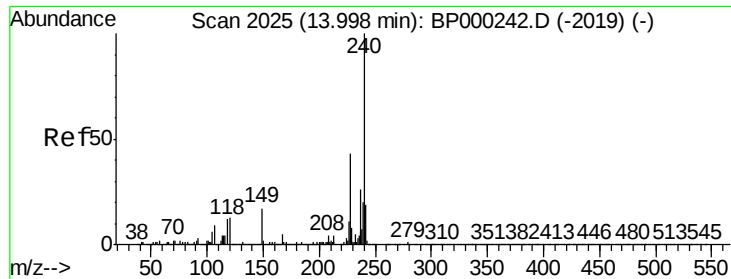
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	11.2	8.5	12.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.1	8.6	13.0

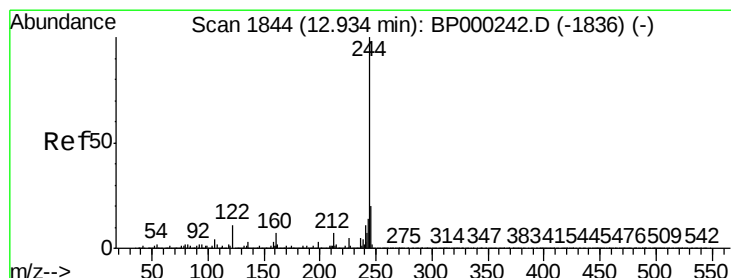
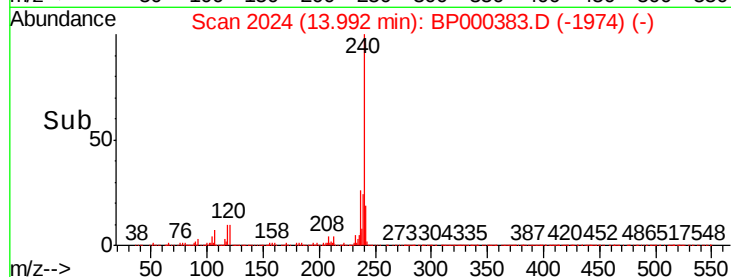
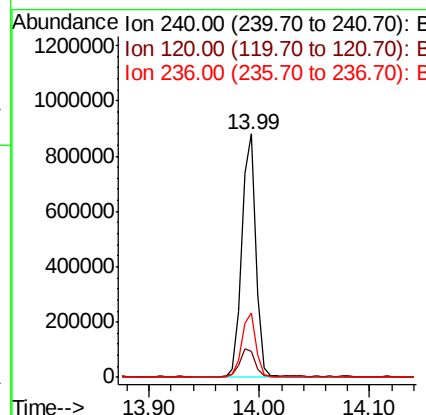
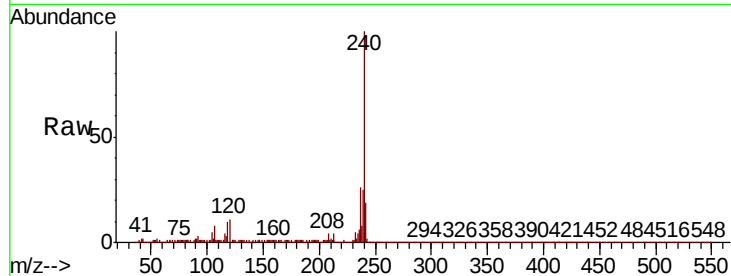




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BP000383.D
 Acq: 24 Sep 2019 14:58

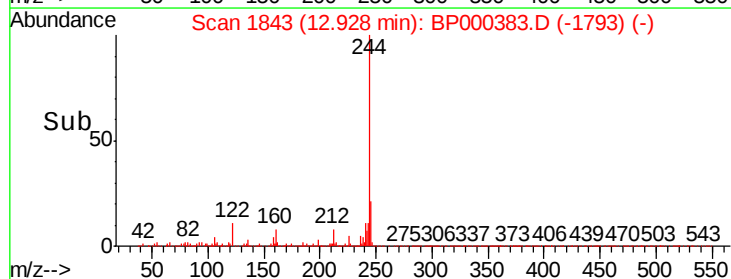
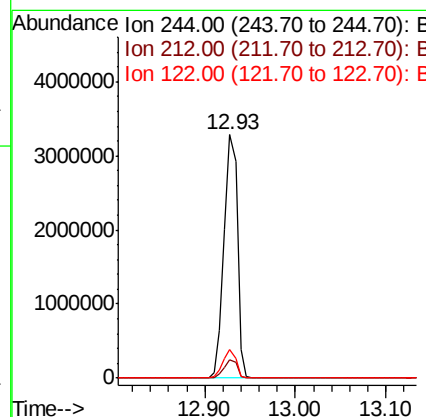
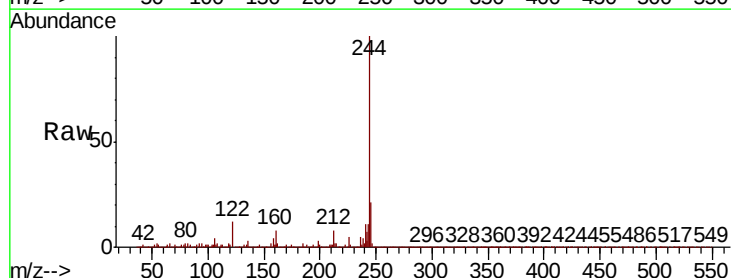
Instrument :
 BNA_P
 ClientSampleID :
 Z2-0162

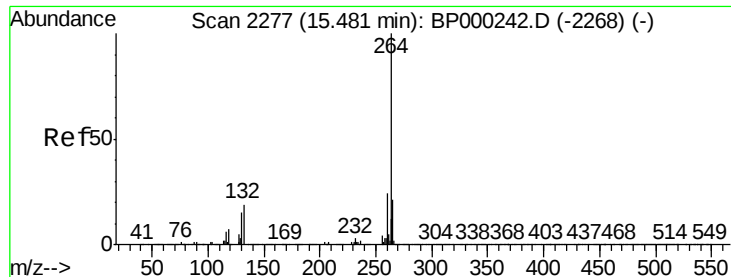
Tot Ion:240 Resp: 788771
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.4 15.6
 236 26.2 21.0 31.6



#79
 Terphenyl-d14
 Concen: 88.187 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000383.D
 Acq: 24 Sep 2019 14:58

Tgt Ion:244 Resp: 3315757
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.5 9.0 13.4

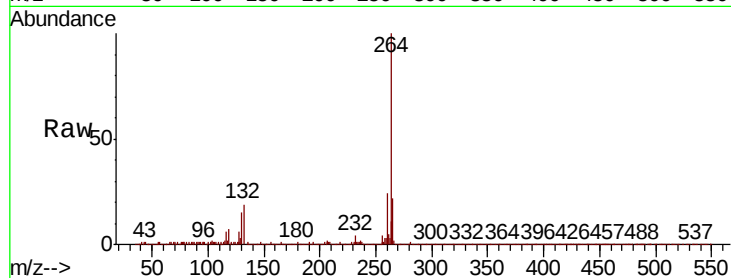




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000383.D
Acq: 24 Sep 2019 14:58

Instrument :
BNA_P
ClientSampleId :
Z2-0162

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.7	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

