

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000327.D
 Acq On : 19 Sep 2019 14:05
 Operator : HP/JU
 Sample : K4863-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-5

Quant Time: Sep 20 05:00:31 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	219840	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	849786	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	489337	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	890440	20.00	ng	0.00
76) Chrysene-d12	13.99	240	734609	20.00	ng	0.00
87) Perylene-d12	15.49	264	764194	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	267704	21.02	ng	0.00
7) Phenol-d6	6.42	99	352584	22.59	ng	0.00
23) Nitrobenzene-d5	7.34	82	186286	14.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	111102	22.89	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	480451	17.67	ng	0.00
79) Terphenyl-d14	12.93	244	573069	16.37	ng	0.00

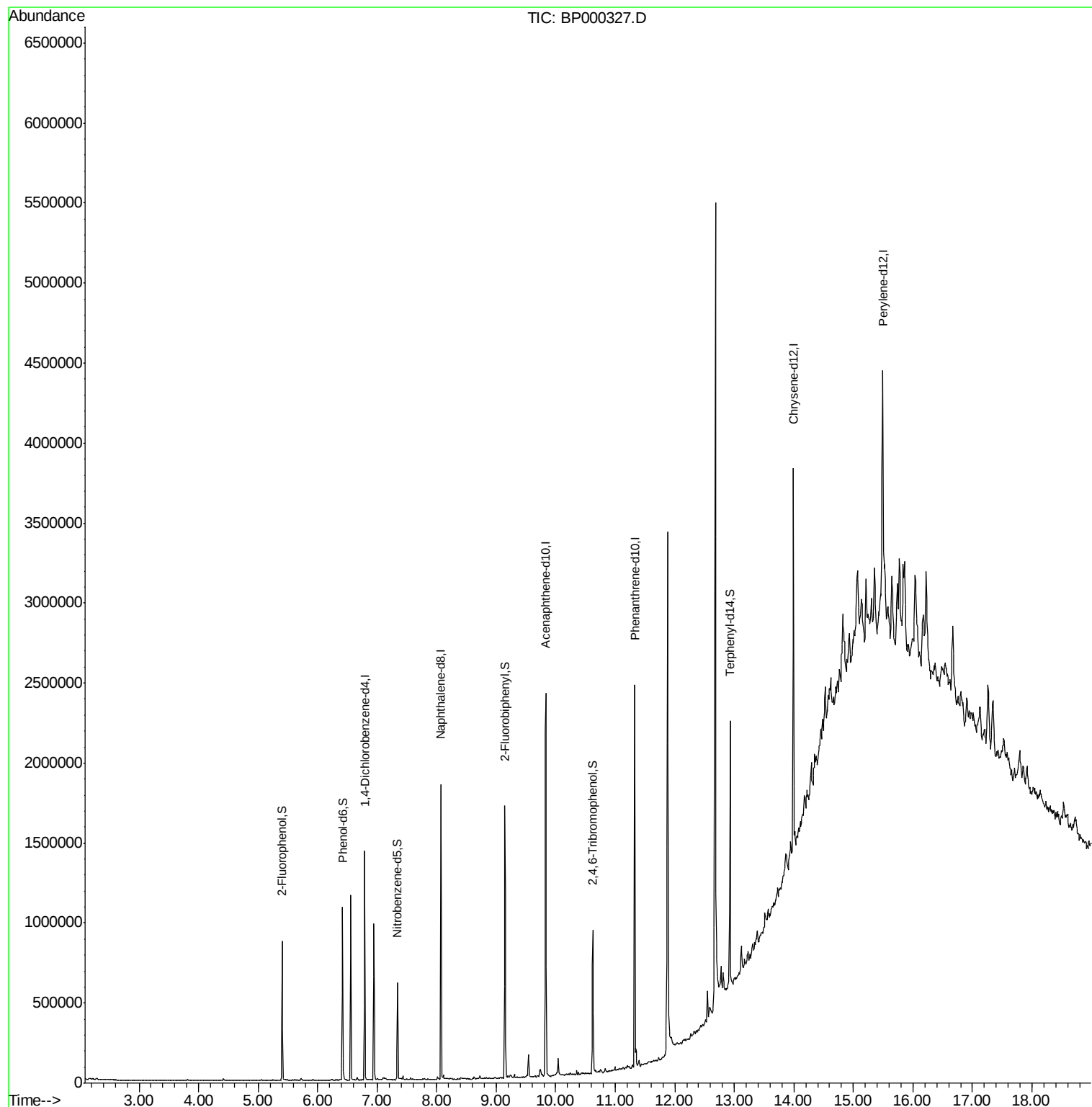
Target Compounds Qvalue

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

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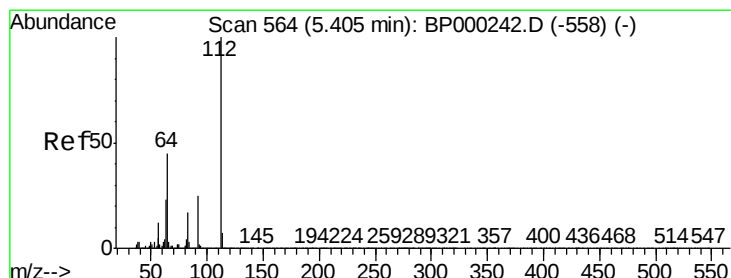
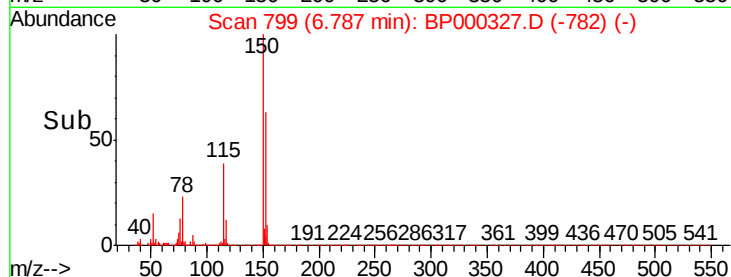
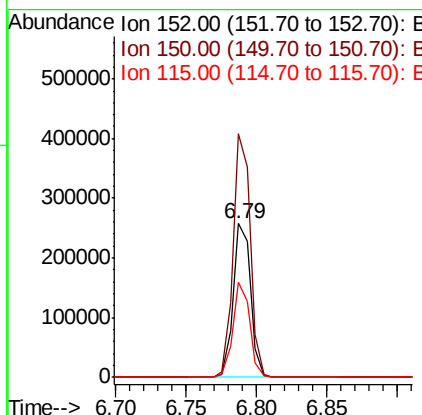
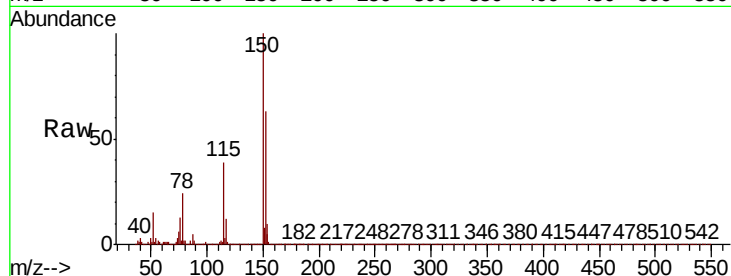


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000327.D
Acq: 19 Sep 2019 14:05

Instrument :
BNA_P
ClientSampled :
CSA-2-5

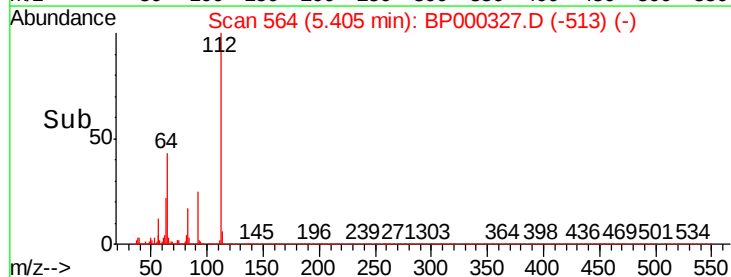
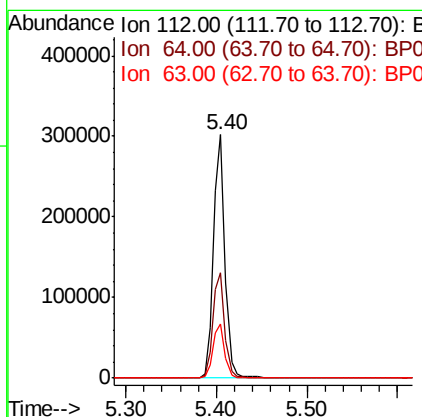
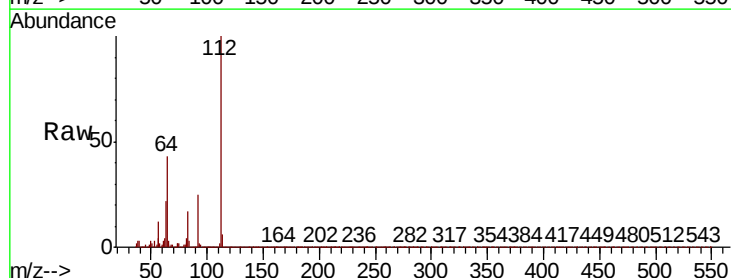
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.2	187.8
115	62.1	49.7	74.5

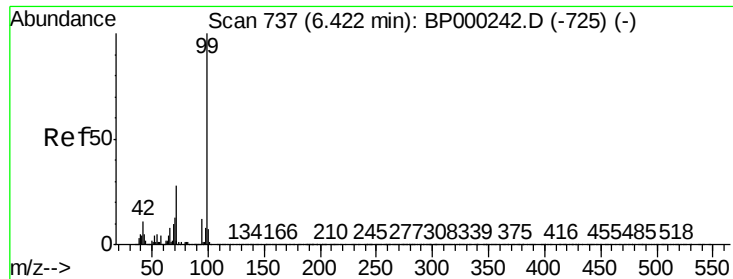


#5

2-Fluorophenol
Concen: 21.022 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000327.D
Acq: 19 Sep 2019 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.4	36.2	54.4
63	22.2	18.3	27.5





#7

Phenol-d6

Concen: 22.588 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000327.D

Acq: 19 Sep 2019 14:05

Instrument :

BNA_P

ClientSampleId :

CSA-2-5

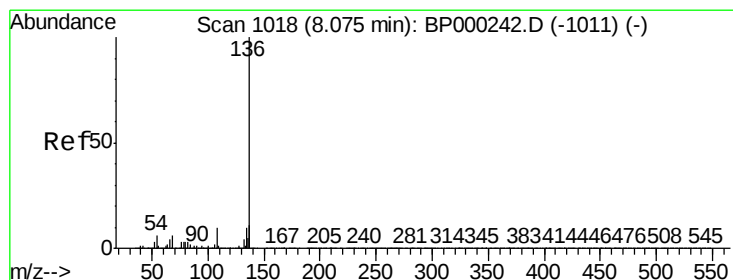
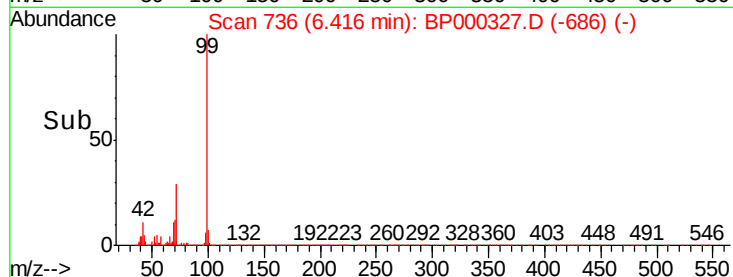
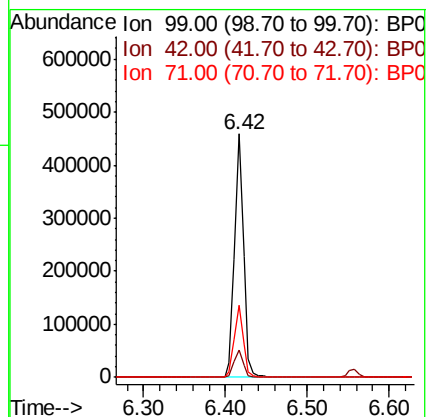
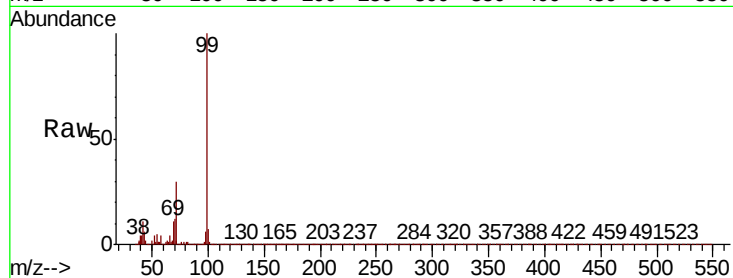
Tot Ion: 99 Resp: 352584

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

71 29.5 22.6 34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000327.D

Acq: 19 Sep 2019 14:05

Tgt Ion: 136 Resp: 849786

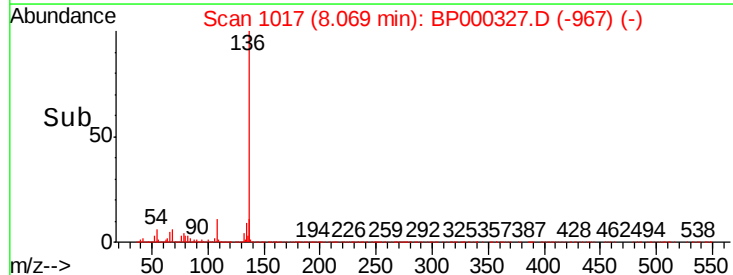
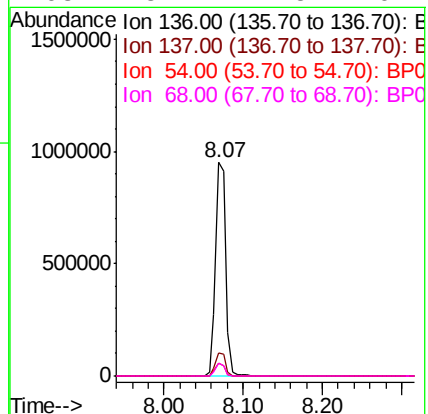
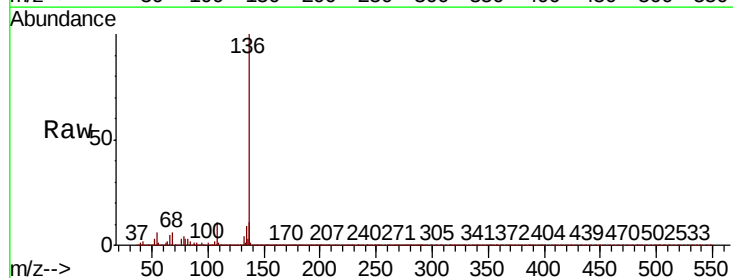
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.9 4.5 6.7

68 5.7 4.5 6.7

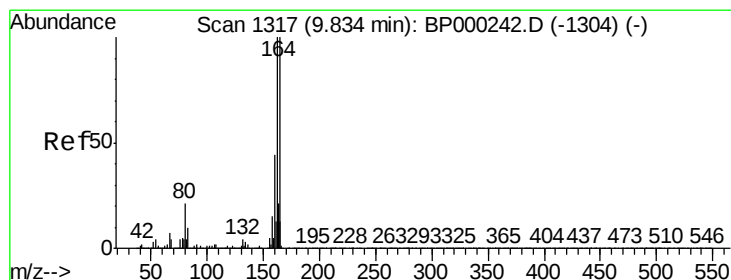
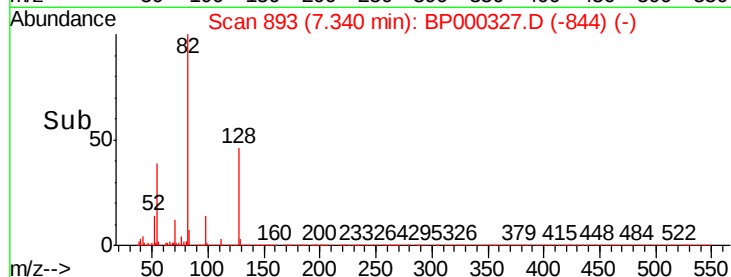
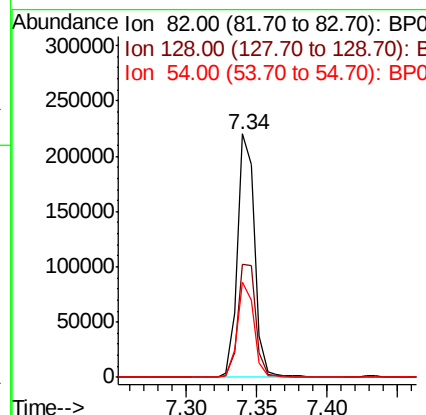
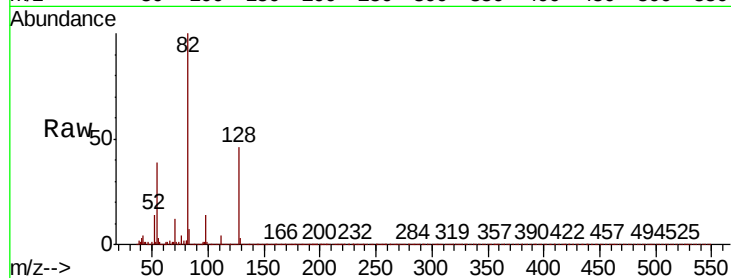




#23
 Nitrobenzene-d5
 Concen: 14.144 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BP000327.D
 Acq: 19 Sep 2019 14:05

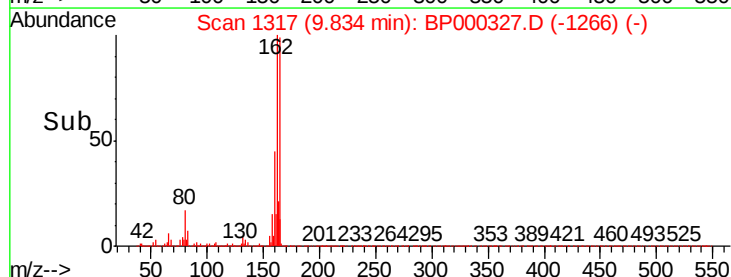
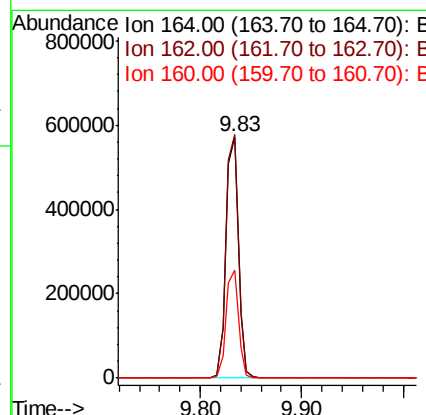
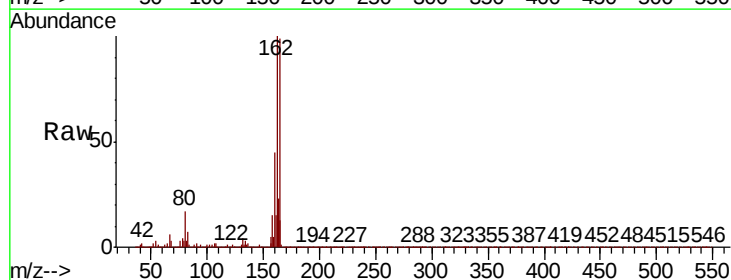
Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-5

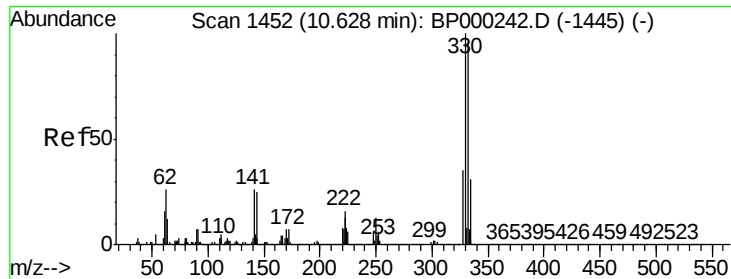
Tot Ion	82	Resp	186286
Ion Ratio	Lower	Upper	
82	100		
128	46.2	40.7	61.1
54	39.1	30.1	45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000327.D
 Acq: 19 Sep 2019 14:05

Tgt Ion	164	Resp	489337
Ion Ratio	Lower	Upper	
164	100		
162	100.7	79.9	119.9
160	44.9	35.6	53.4

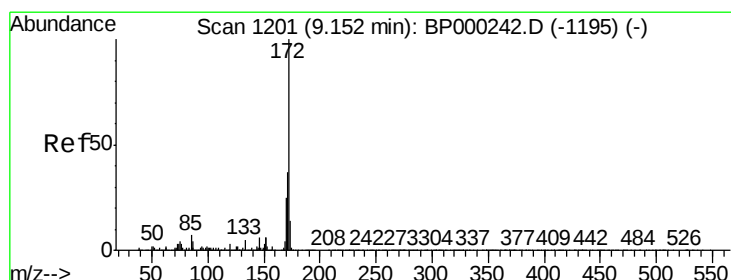
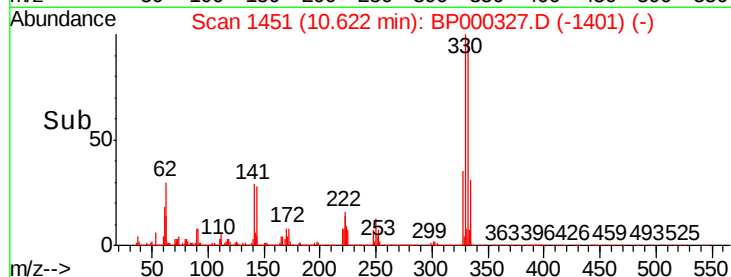
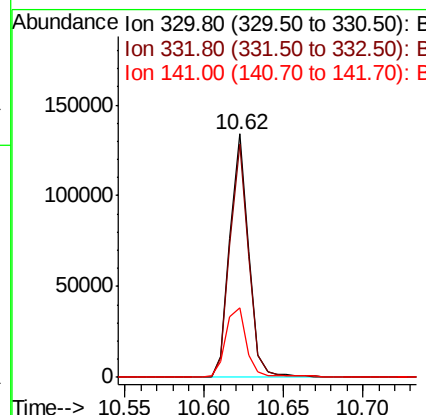
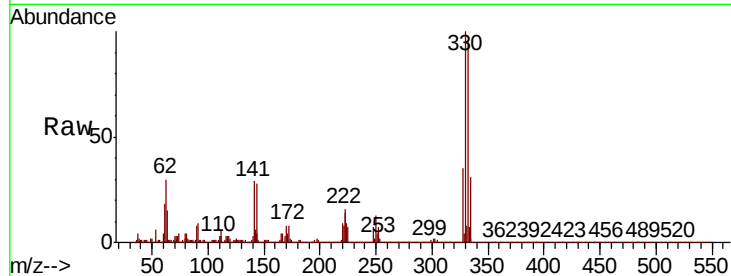




#42
2,4,6-Tribromophenol
Concen: 22.891 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000327.D
Acq: 19 Sep 2019 14:05

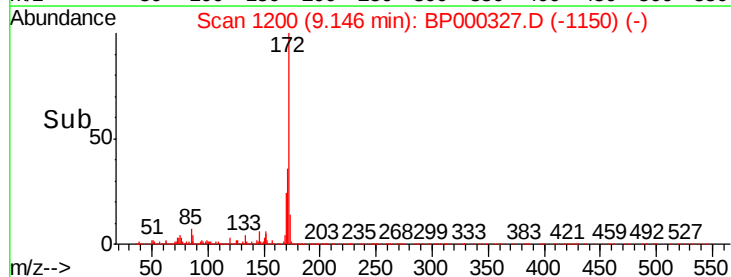
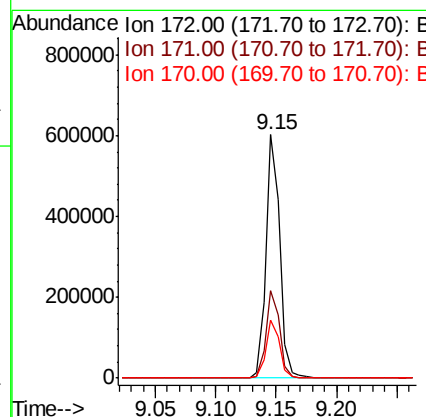
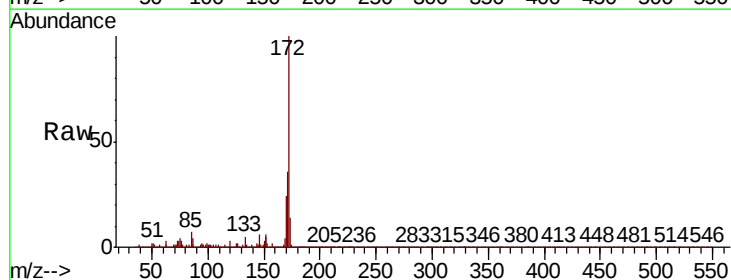
Instrument :
BNA_P
ClientSampleId :
CSA-2-5

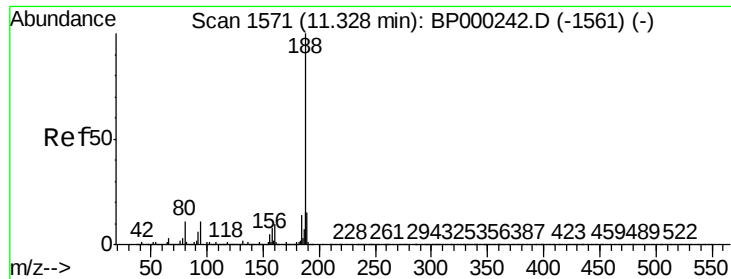
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	31.4	26.5	39.7



#45
2-Fluorobiphenyl
Concen: 17.671 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000327.D
Acq: 19 Sep 2019 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.8	44.6
170	23.6	19.8	29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000327.D

Acq: 19 Sep 2019 14:05

Instrument :

BNA_P

ClientSampled :

CSA-2-5

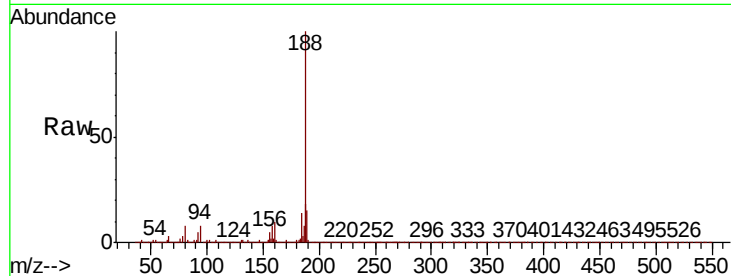
Tot Ion:188 Resp: 890440

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

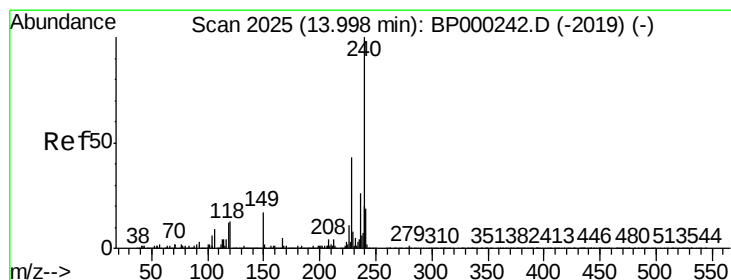
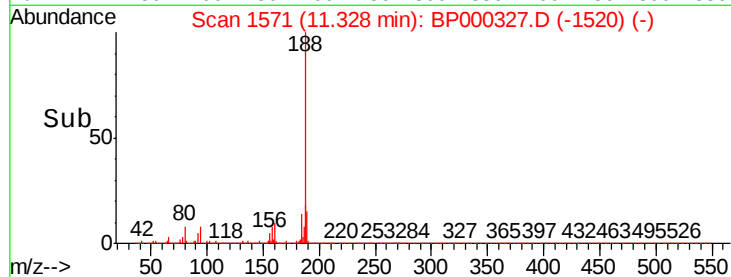
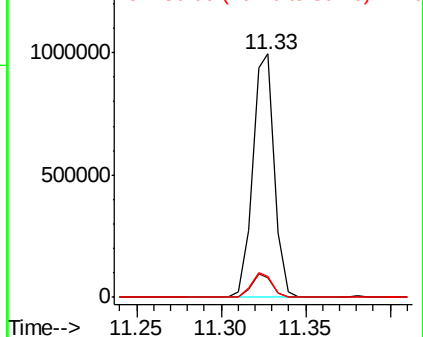
80 8.4 8.6 13.0#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000327.D

Acq: 19 Sep 2019 14:05

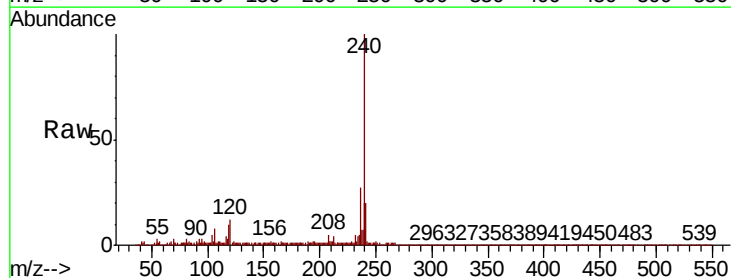
Tgt Ion:240 Resp: 734609

Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

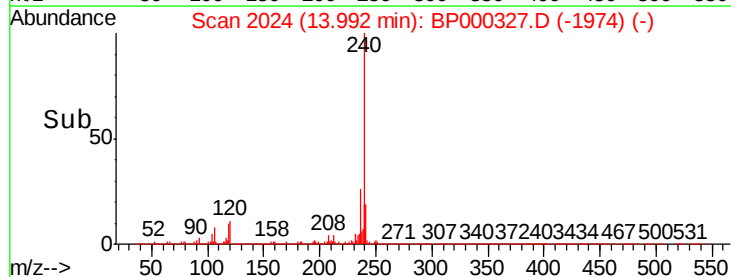
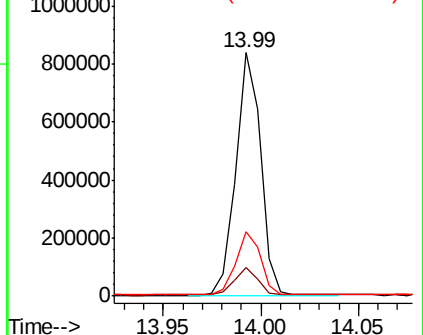
236 26.6 21.0 31.6

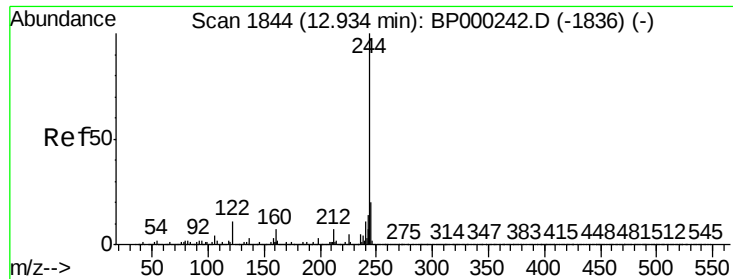


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 16.365 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000327.D

Acq: 19 Sep 2019 14:05

Instrument :

BNA_P

ClientSampleId :

CSA-2-5

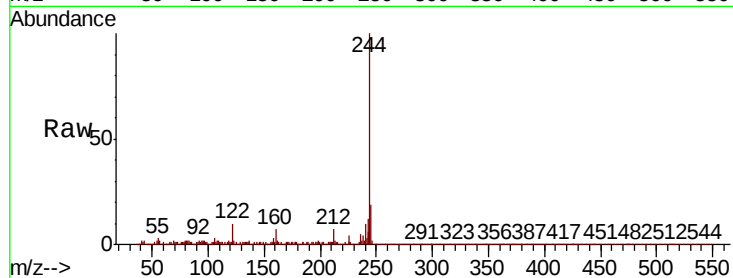
Tot Ion:244 Resp: 573069

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

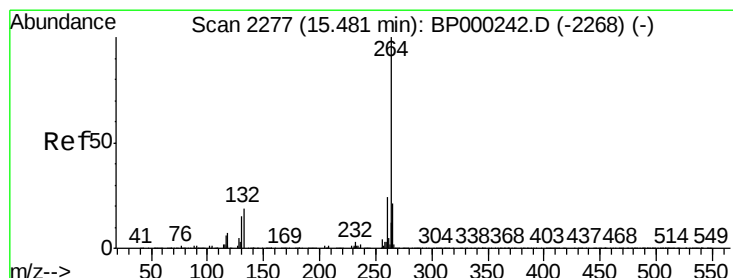
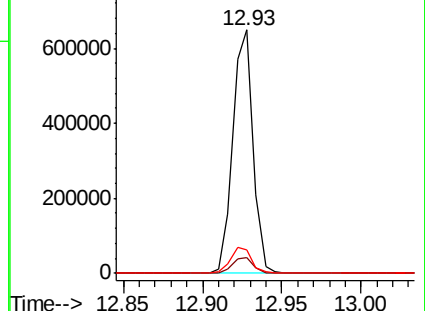
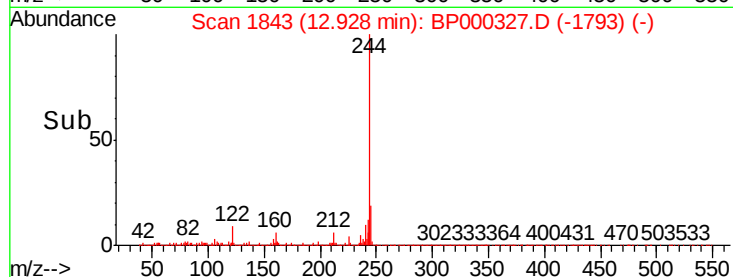
122 9.6 9.0 13.4



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: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BP000327.D

Acq: 19 Sep 2019 14:05

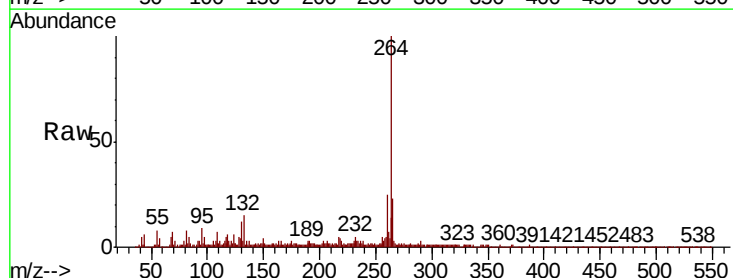
Tgt Ion:264 Resp: 764194

Ion Ratio Lower Upper

264 100

260 25.2 18.9 28.3

265 23.2 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

