

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000285.D
 Acq On : 17 Sep 2019 20:14
 Operator : HP/JU
 Sample : K4877-06 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-3

Quant Time: Sep 18 09:00:27 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	285814	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1032461	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	553048	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	982164	20.00	ng	0.00
76) Chrysene-d12	13.99	240	810154	20.00	ng	0.00
87) Perylene-d12	15.47	264	667611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	31281	1.89	ng	0.00
7) Phenol-d6	6.42	99	41263	2.03	ng	0.00
23) Nitrobenzene-d5	7.35	82	6294	0.39	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	5244	0.96	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	57395	1.87	ng	0.00
79) Terphenyl-d14	12.92	244	67938	1.76	ng	-0.01

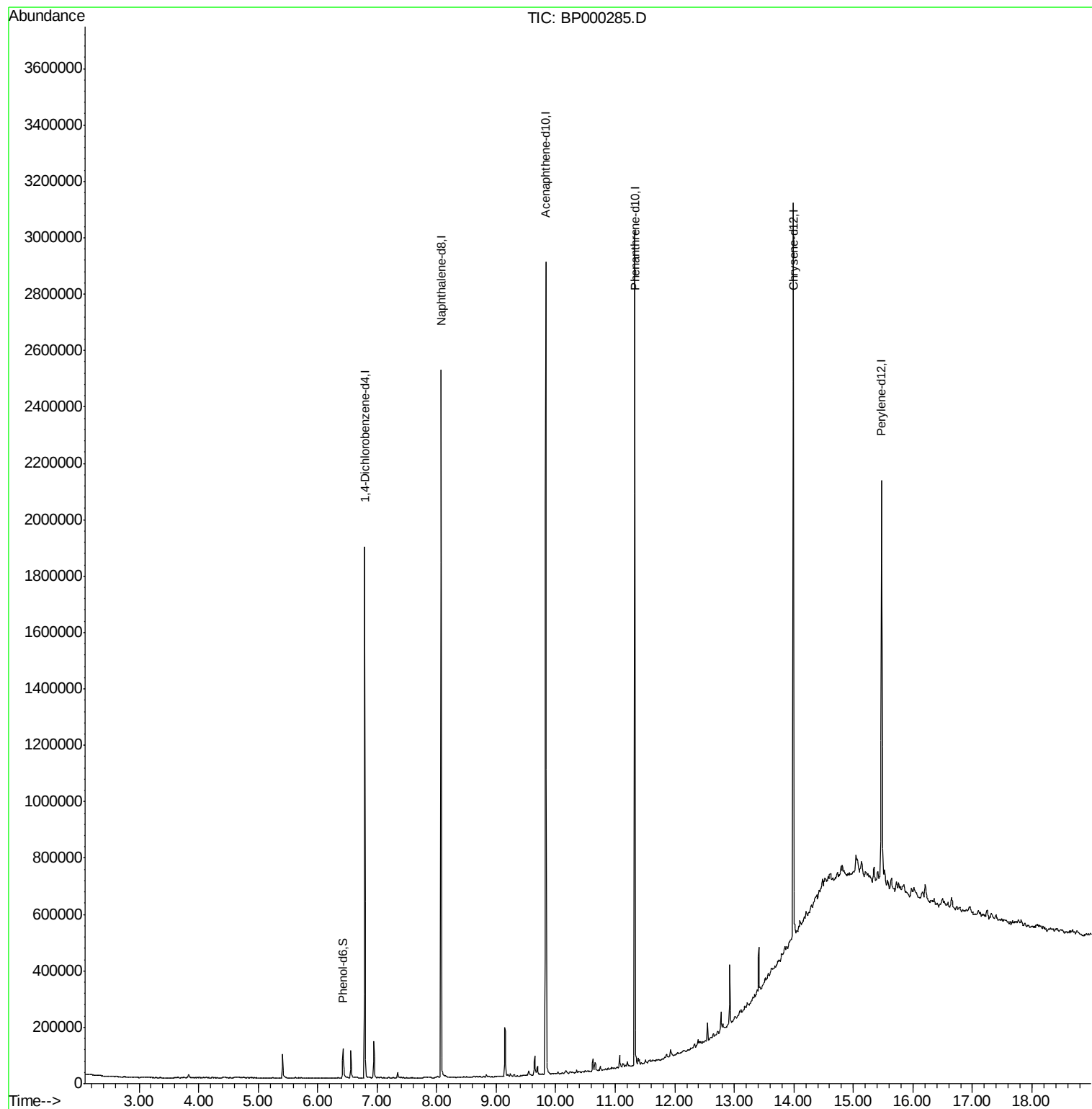
Target Compounds Qvalue

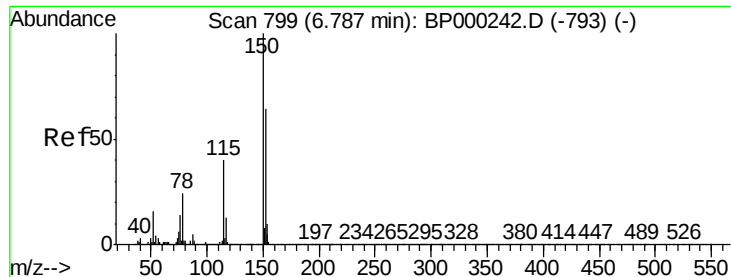
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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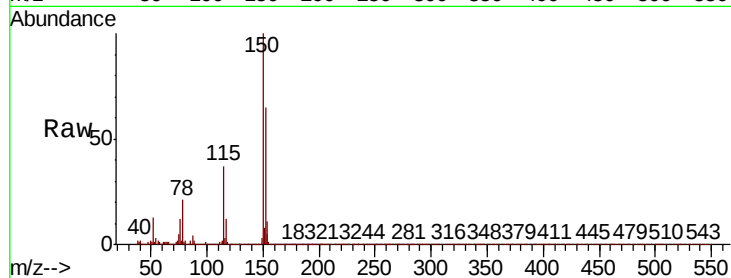


#1

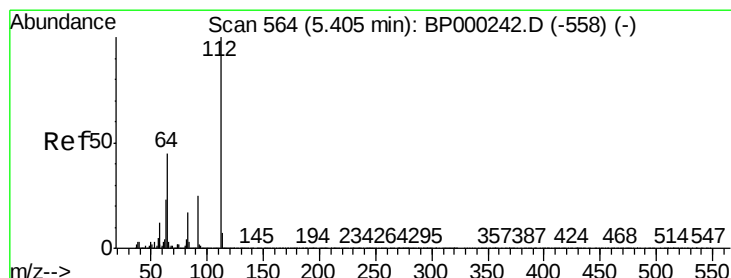
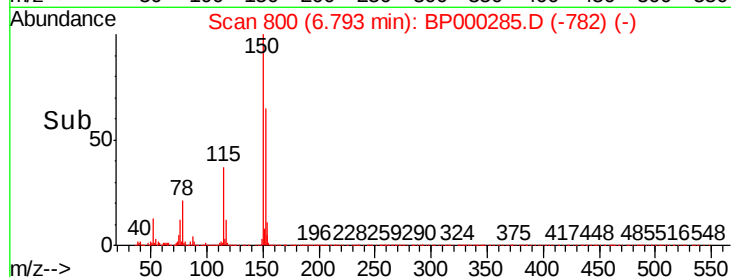
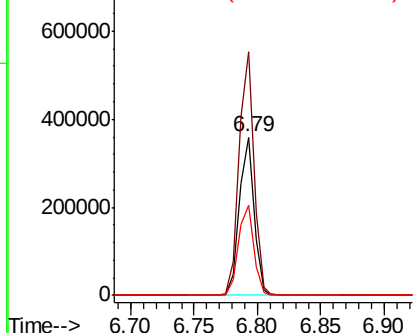
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000285.D
Acq: 17 Sep 2019 20:14

Instrument :
BNA_P
ClientSampleId :
CSA-2-3

Tot Ion:152 Resp: 285814
Ion Ratio Lower Upper
152 100
150 153.9 125.2 187.8
115 56.6 49.7 74.5



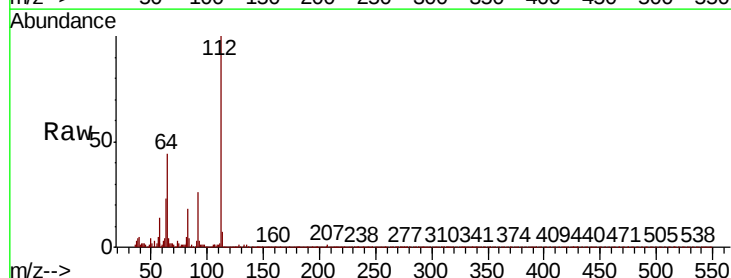
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



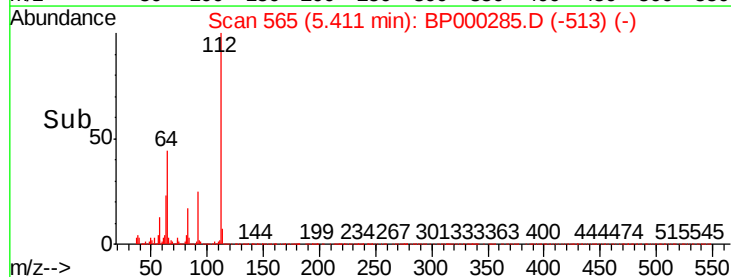
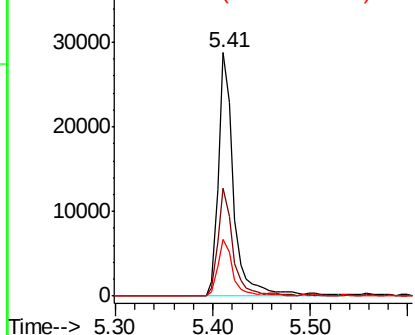
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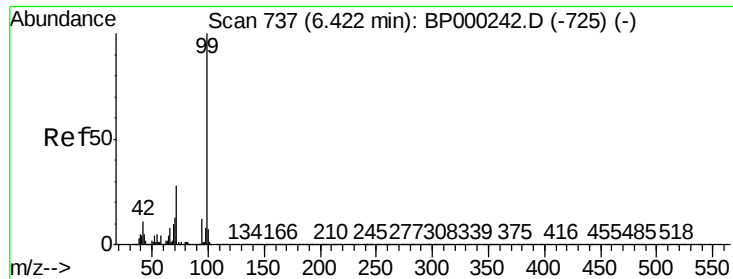
2-Fluorophenol
Concen: 1.889 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000285.D
Acq: 17 Sep 2019 20:14

Tgt Ion:112 Resp: 31281
Ion Ratio Lower Upper
112 100
64 44.1 36.2 54.4
63 23.2 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: 2.033 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000285.D

Acq: 17 Sep 2019 20:14

Instrument :

BNA_P

ClientSampled :

CSA-2-3

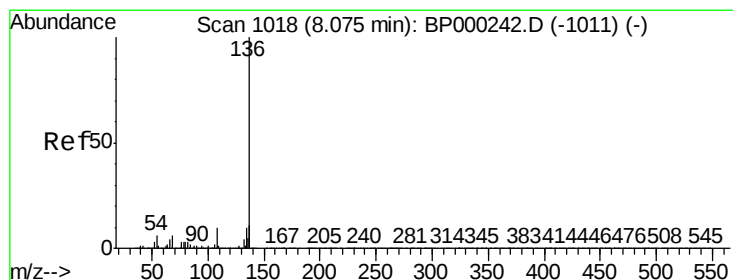
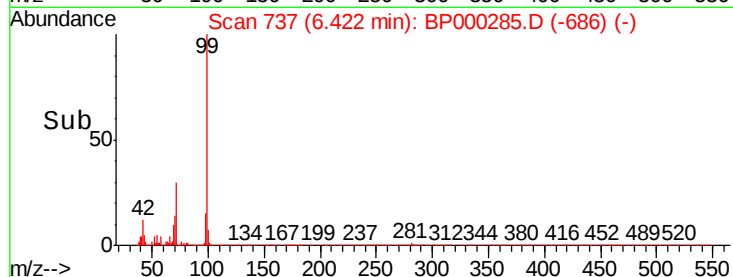
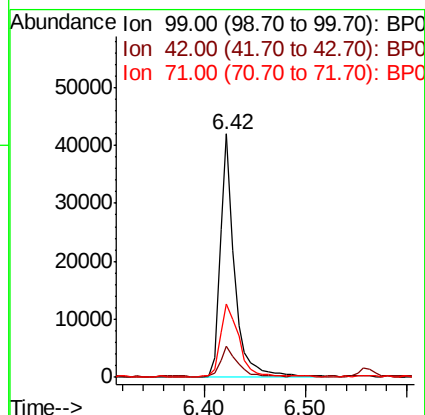
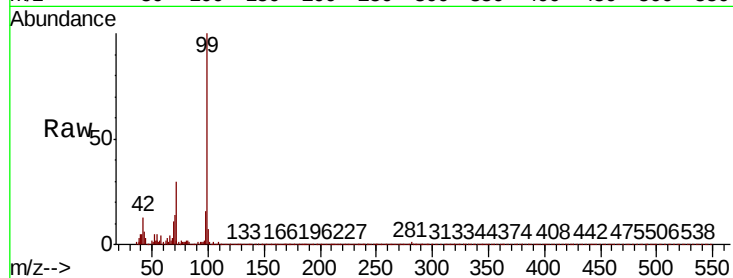
Tot Ion: 99 Resp: 41263

Ion Ratio Lower Upper

99 100

42 12.6 8.5 12.7

71 30.2 22.6 34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000285.D

Acq: 17 Sep 2019 20:14

Tgt Ion: 136 Resp: 1032461

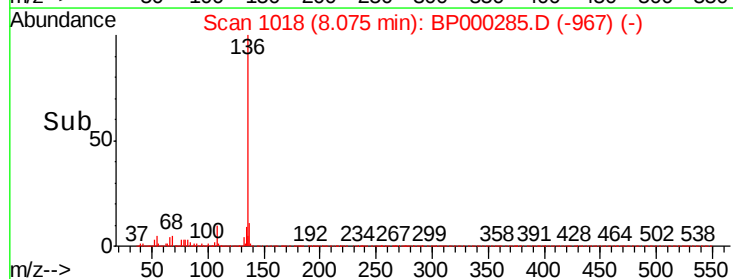
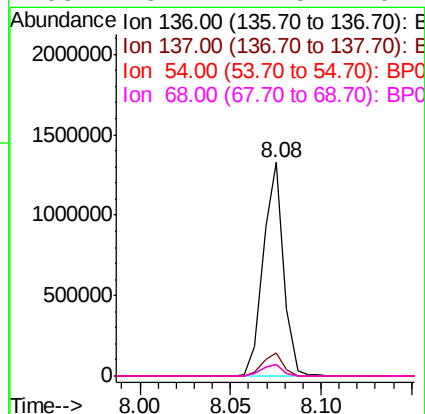
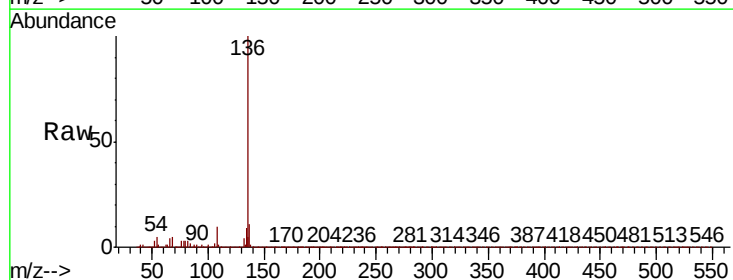
Ion Ratio Lower Upper

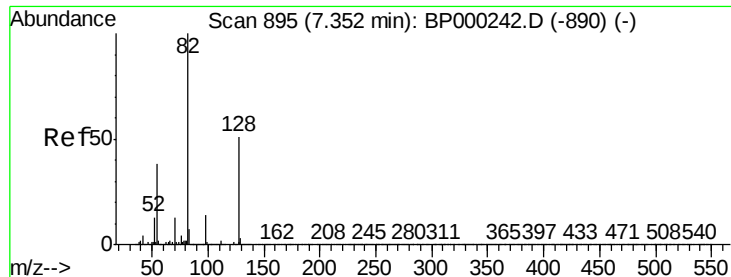
136 100

137 10.9 8.6 13.0

54 5.1 4.5 6.7

68 5.1 4.5 6.7

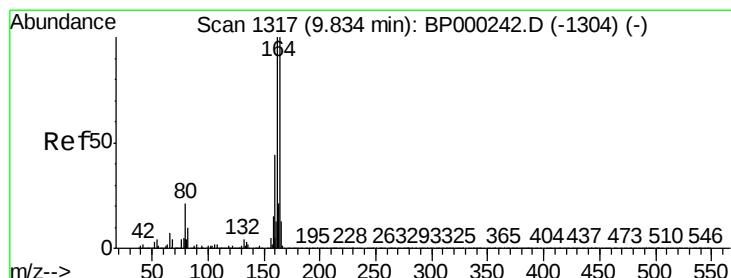
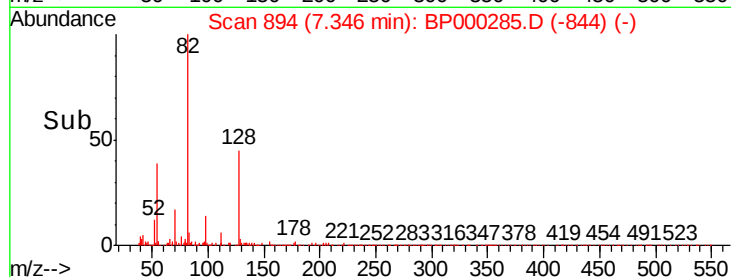
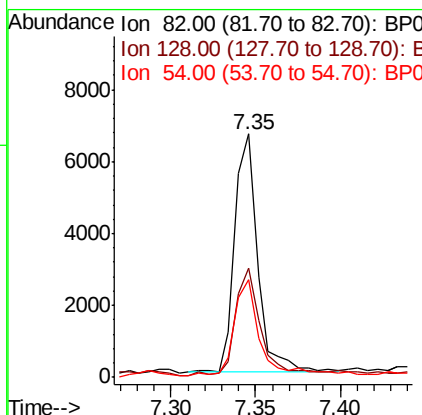
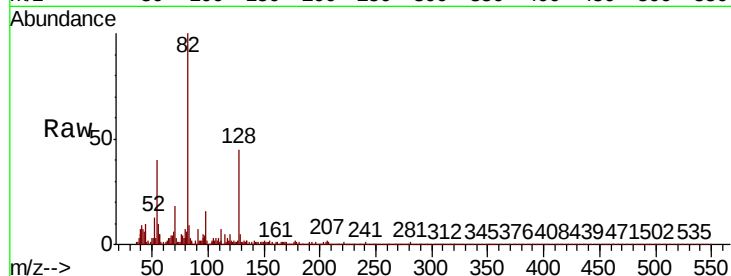




#23
 Nitrobenzene-d5
 Concen: 0.393 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000285.D
 Acq: 17 Sep 2019 20:14

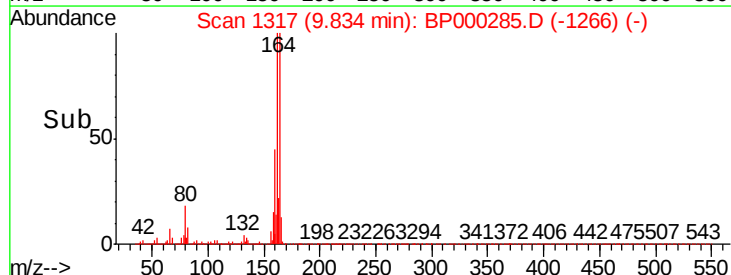
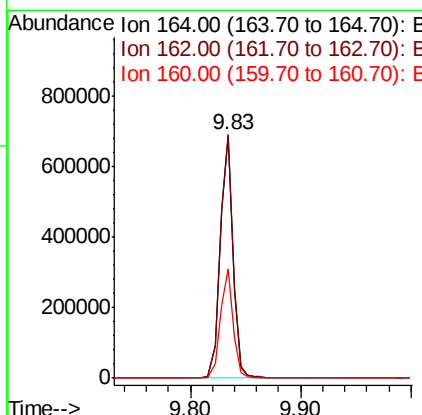
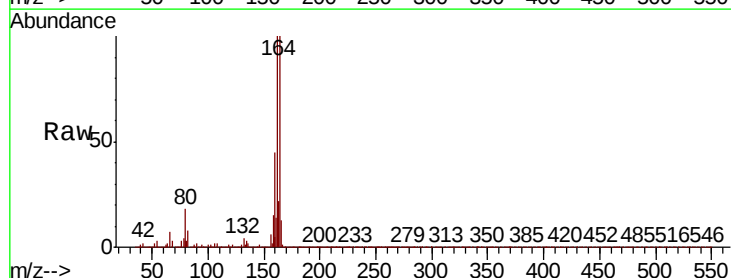
Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-3

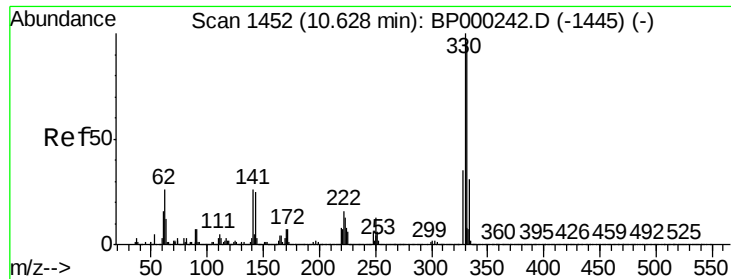
Tot Ion	82	Resp	6294
Ion Ratio	Lower	Upper	
82	100		
128	44.9	40.7	61.1
54	40.2	30.1	45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000285.D
 Acq: 17 Sep 2019 20:14

Tgt Ion	164	Resp	553048
Ion Ratio	Lower	Upper	
164	100		
162	100.2	79.9	119.9
160	45.1	35.6	53.4

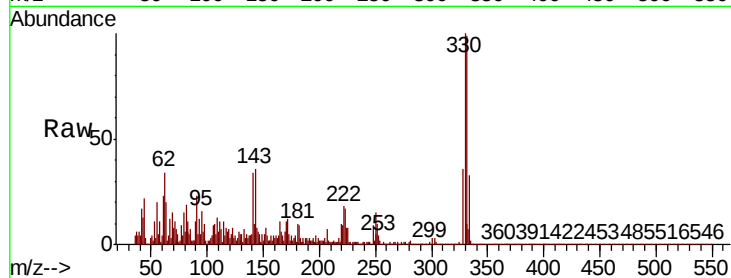




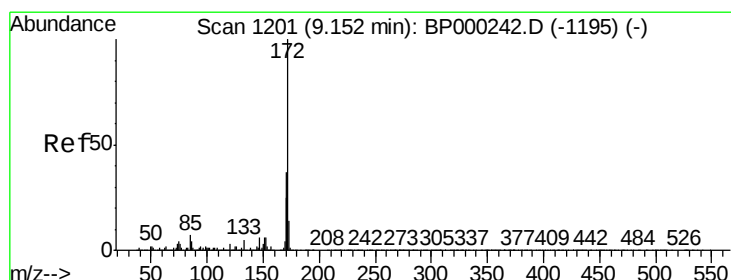
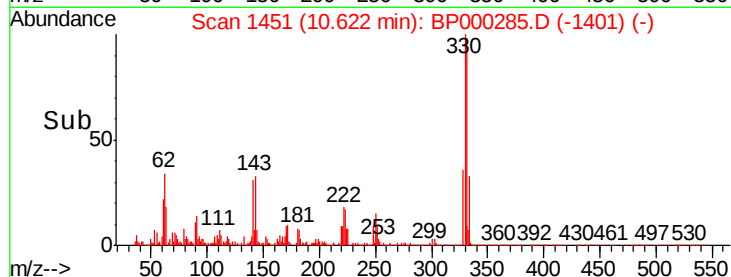
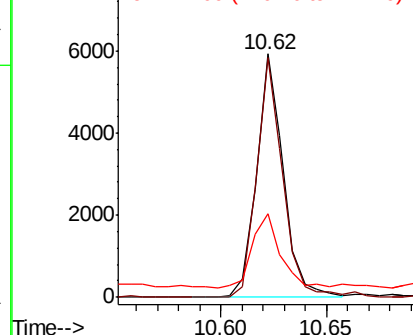
#42
2,4,6-Tribromophenol
Concen: 0.956 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000285.D
Acq: 17 Sep 2019 20:14

Instrument :
BNA_P
ClientSampleId :
CSA-2-3

Tot Ion:330 Resp: 5244
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 31.1 26.5 39.7

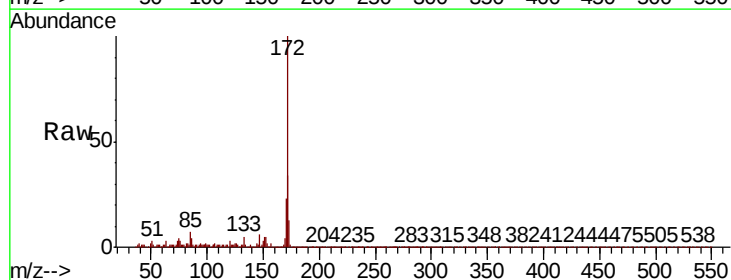


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

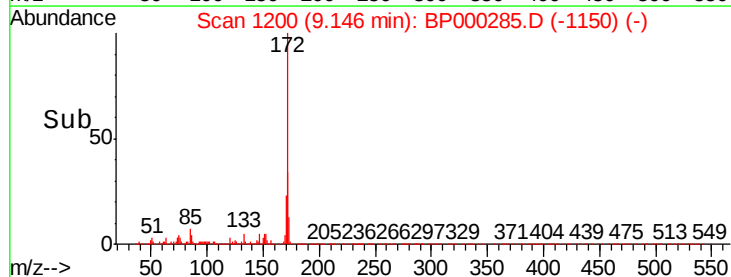
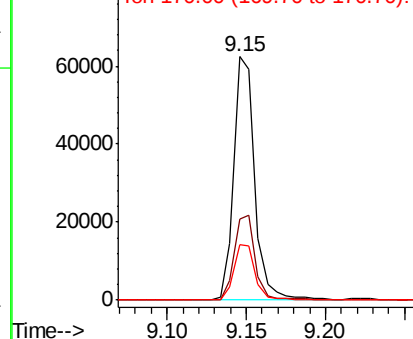


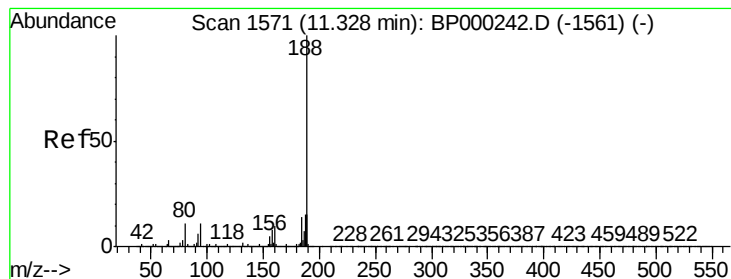
#45
2-Fluorobiphenyl
Concen: 1.868 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000285.D
Acq: 17 Sep 2019 20:14

Tgt Ion:172 Resp: 57395
Ion Ratio Lower Upper
172 100
171 33.6 29.8 44.6
170 22.8 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000285.D

Acq: 17 Sep 2019 20:14

Instrument :

BNA_P

ClientSampleId :

CSA-2-3

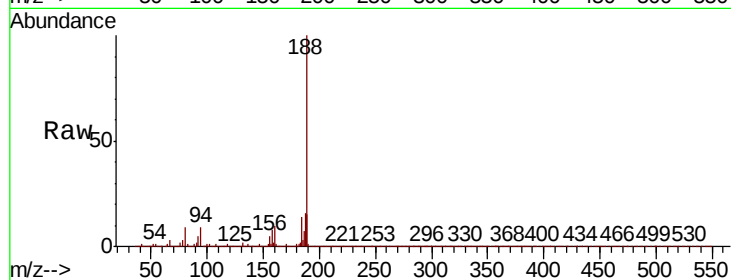
Tot Ion:188 Resp: 982164

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

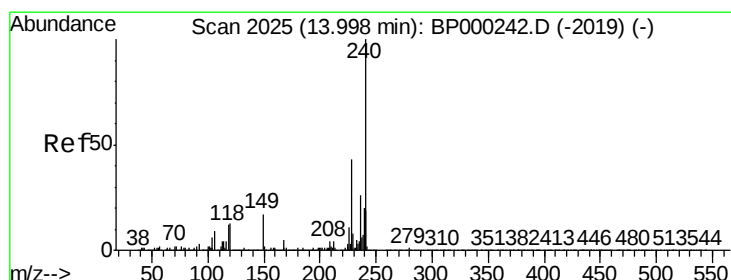
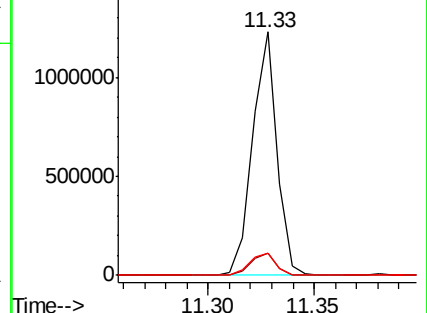
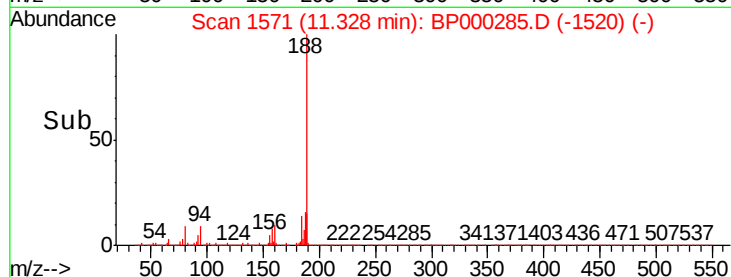
80 9.1 8.6 13.0



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: BP000285.D

Acq: 17 Sep 2019 20:14

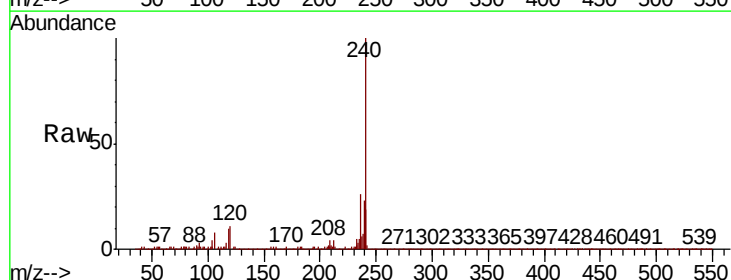
Tgt Ion:240 Resp: 810154

Ion Ratio Lower Upper

240 100

120 10.6 10.4 15.6

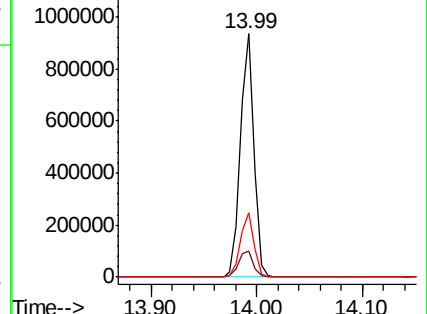
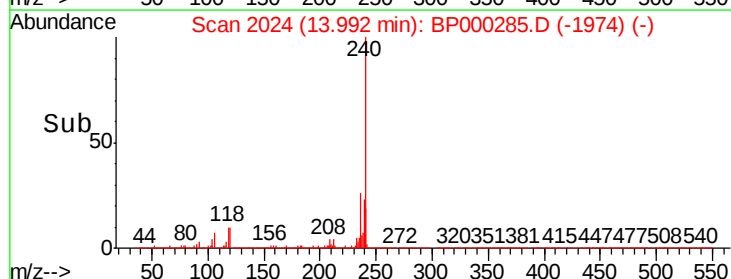
236 26.5 21.0 31.6

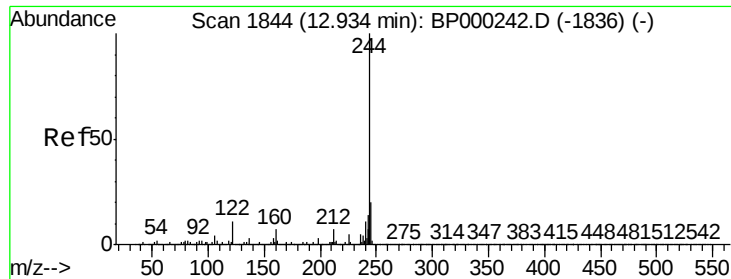


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

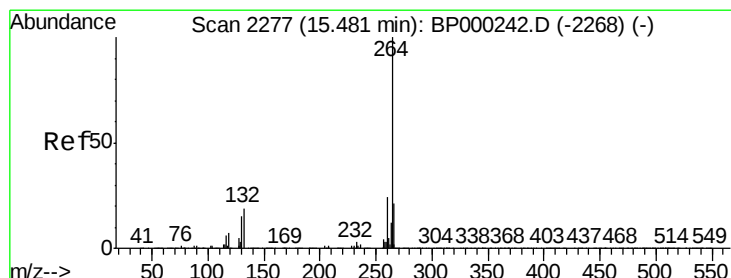
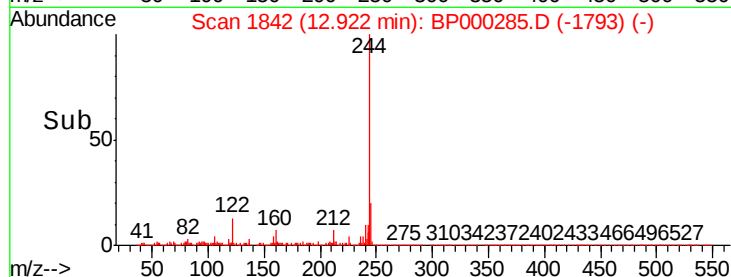
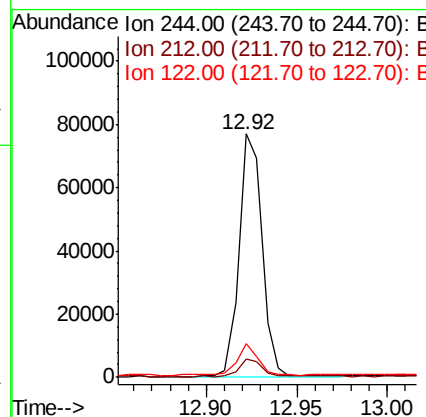
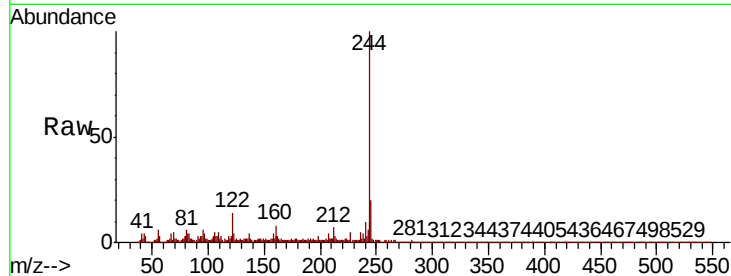




#79
 Terphenyl-d14
 Concen: 1.759 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BP000285.D
 Acq: 17 Sep 2019 20:14

Instrument :
 BNA_P
 ClientSampleID :
 CSA-2-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	13.7	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000285.D
 Acq: 17 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.0	17.2	25.8

