

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000282.D
 Acq On : 17 Sep 2019 19:02
 Operator : HP/JU
 Sample : K4877-09 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-4

Quant Time: Sep 18 08:52:01 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	309217	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1125525	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	575729	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	978968	20.00	ng	0.00
76) Chrysene-d12	13.99	240	794538	20.00	ng	0.00
87) Perylene-d12	15.48	264	686309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	49807	2.78	ng	0.00
7) Phenol-d6	6.42	99	64692	2.95	ng	0.00
23) Nitrobenzene-d5	7.35	82	12881	0.74	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	9258	1.62	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	92228	2.88	ng	0.00
79) Terphenyl-d14	12.93	244	96191	2.54	ng	0.00

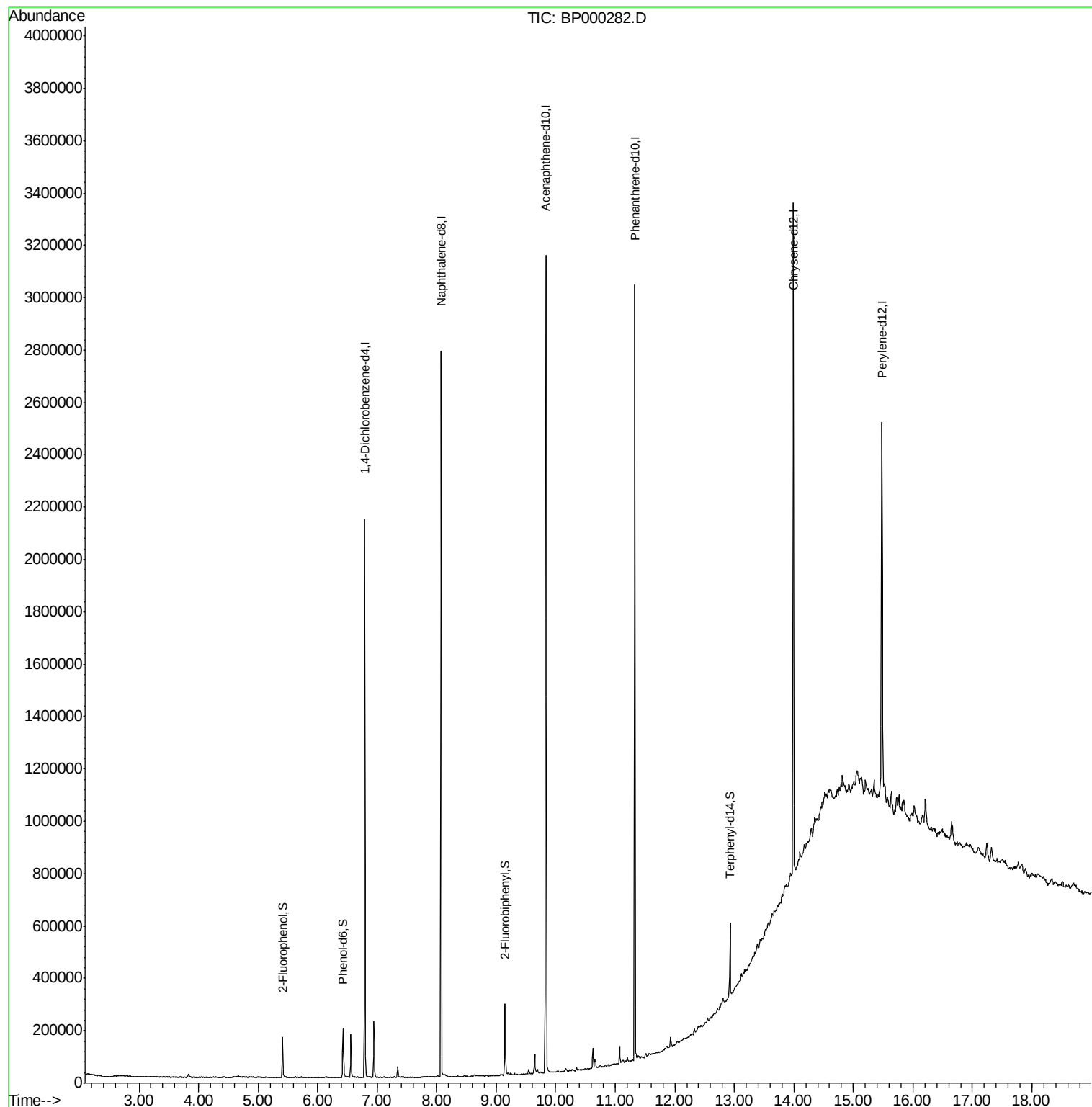
Target Compounds	Qvalue
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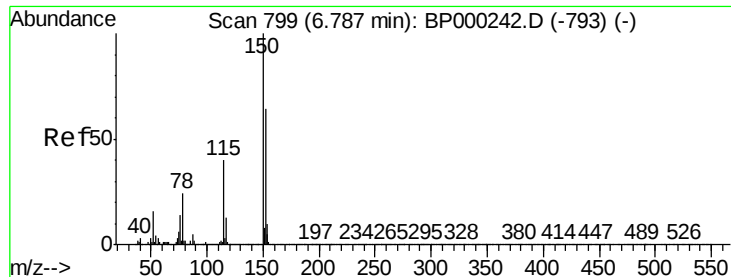
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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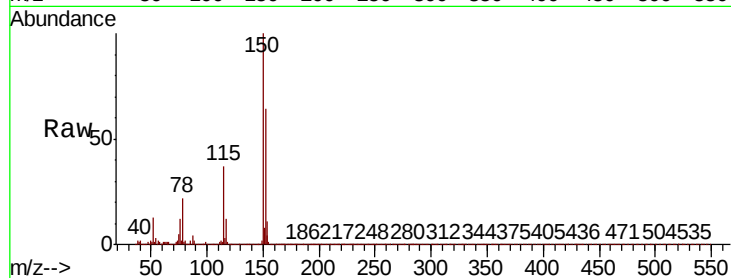


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Instrument :
BNA_P
ClientSampleId :
CSA-2-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	58.1	49.7	74.5

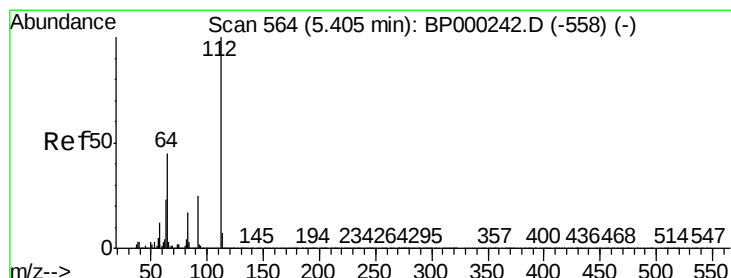
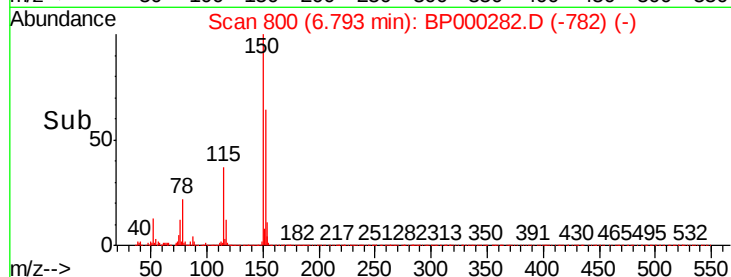
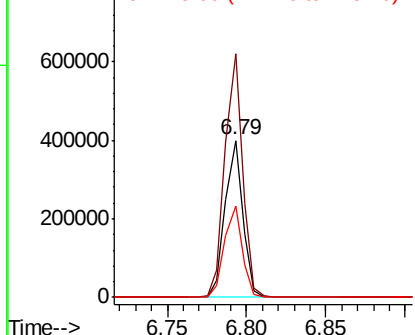


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

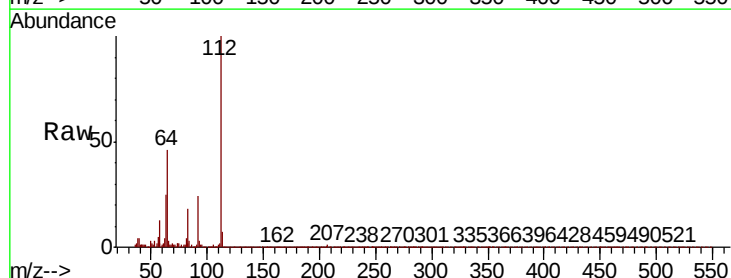
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.781 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	36.2	54.4
63	25.4	18.3	27.5

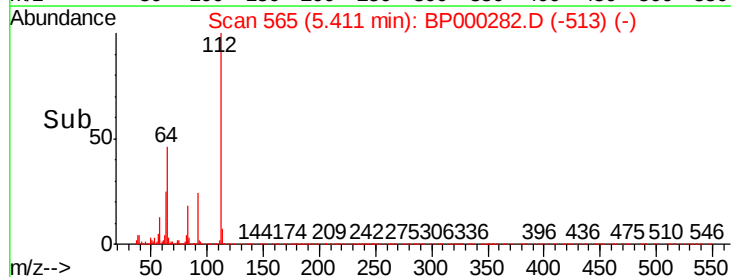
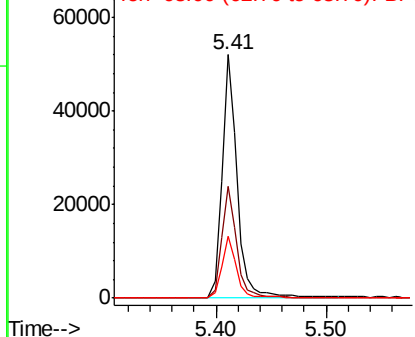


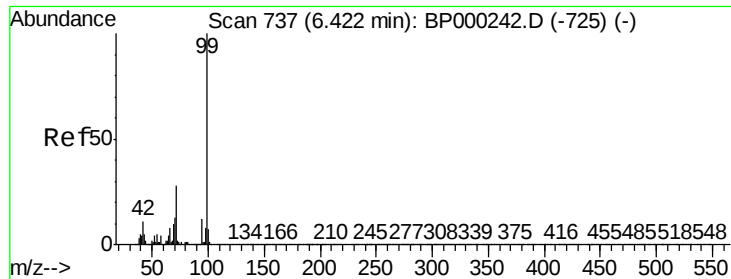
Abundance

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: 2.946 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

CSA-2-4

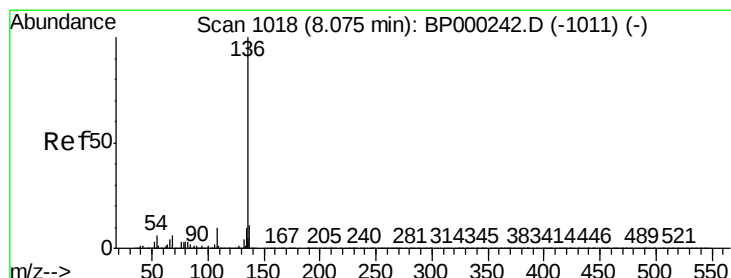
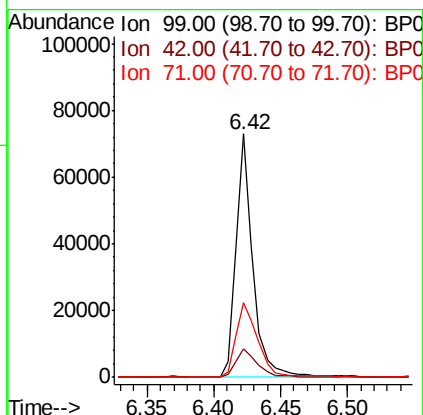
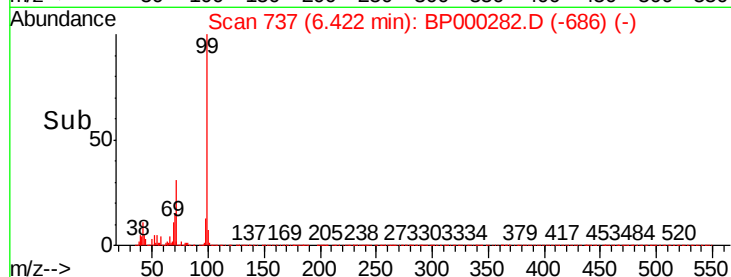
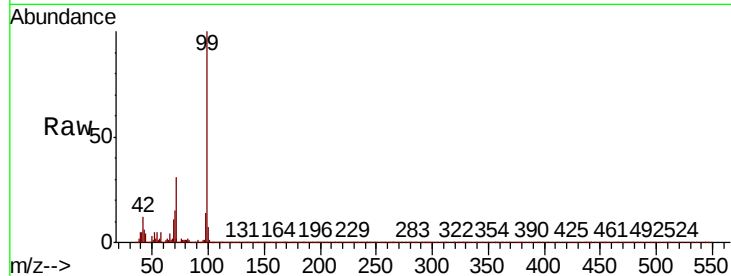
Tot Ion: 99 Resp: 64692

Ion Ratio Lower Upper

99 100

42 11.7 8.5 12.7

71 30.8 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: BP000282.D

Acq: 17 Sep 2019 19:02

Tgt Ion: 136 Resp: 1125525

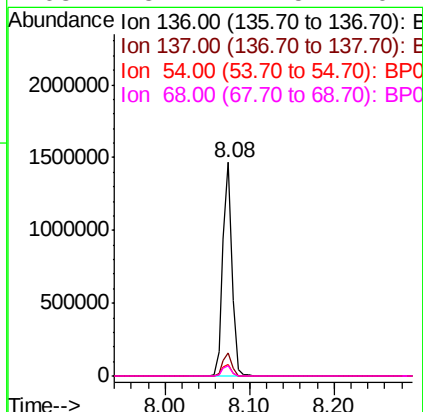
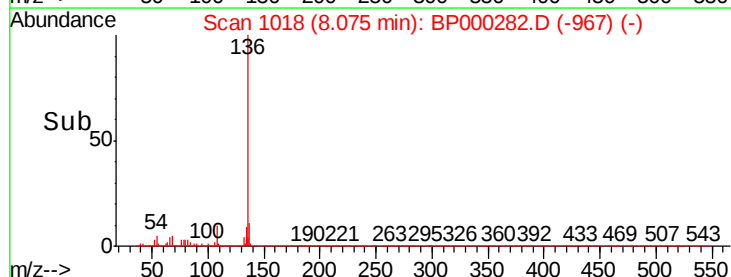
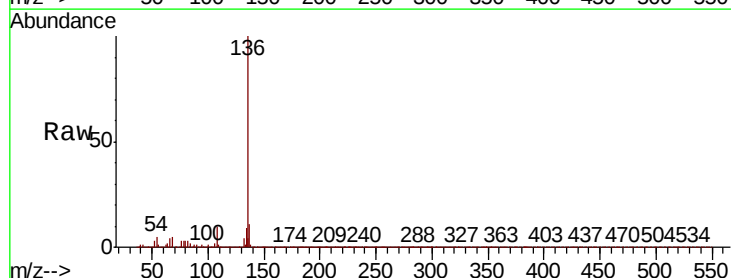
Ion Ratio Lower Upper

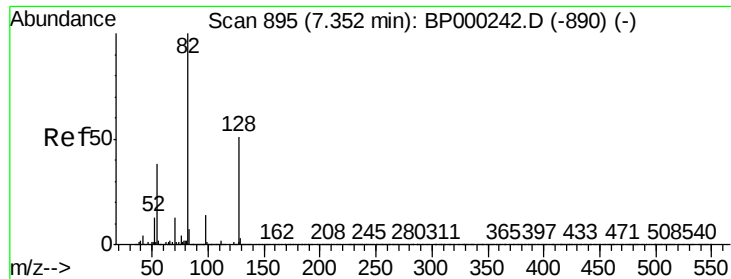
136 100

137 11.0 8.6 13.0

54 5.2 4.5 6.7

68 5.1 4.5 6.7

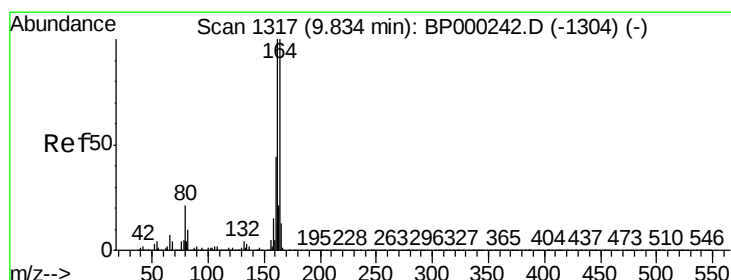
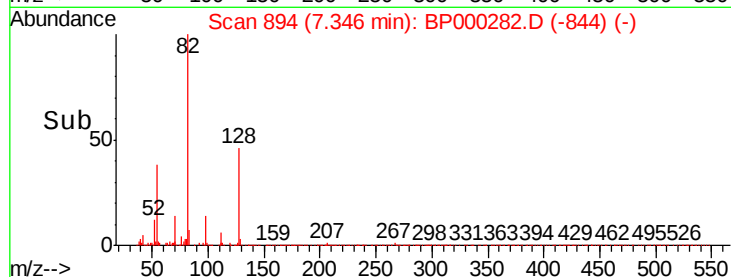
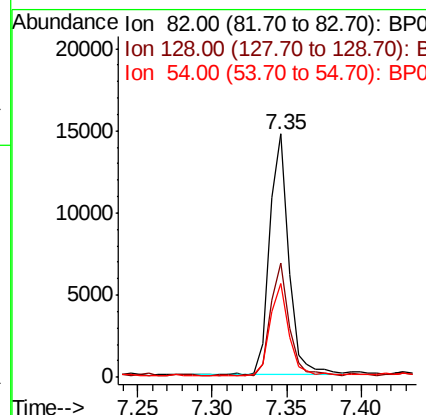
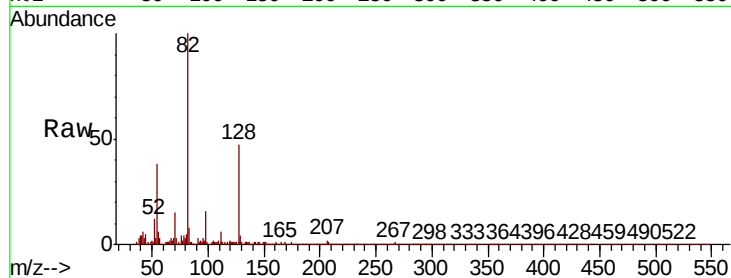




#23
 Nitrobenzene-d5
 Concen: 0.738 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

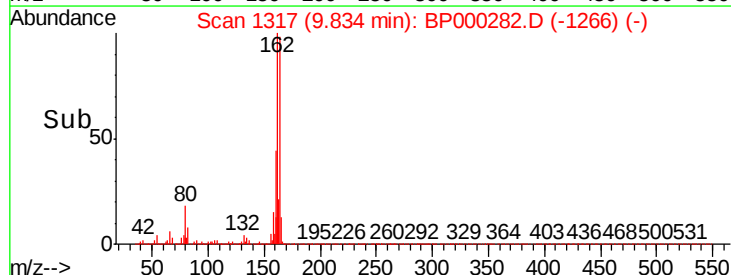
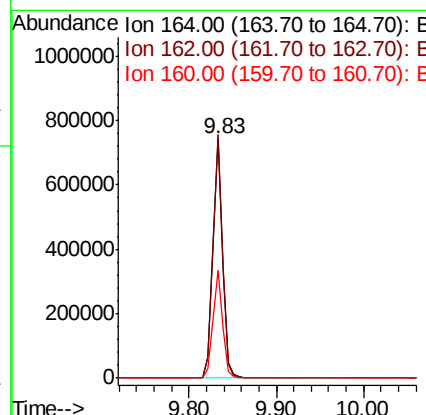
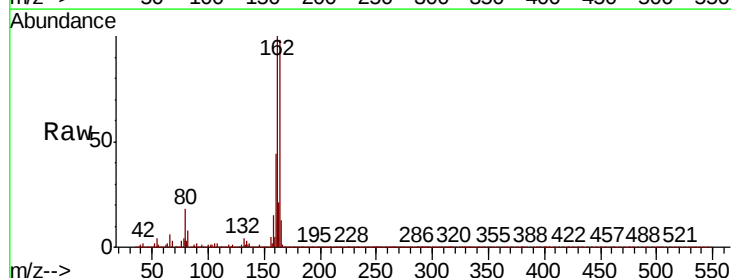
Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-4

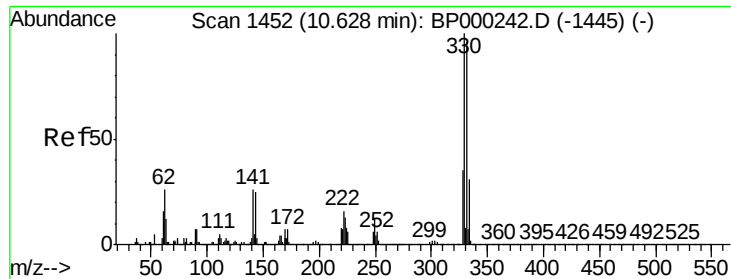
Tot Ion	82	Resp	128
Ion Ratio	100		
Lower	40.7		61.1
Upper	30.1		45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

Tgt Ion	164	Resp	575
Ion Ratio	100		
Lower	79.9		119.9
Upper	35.6		53.4

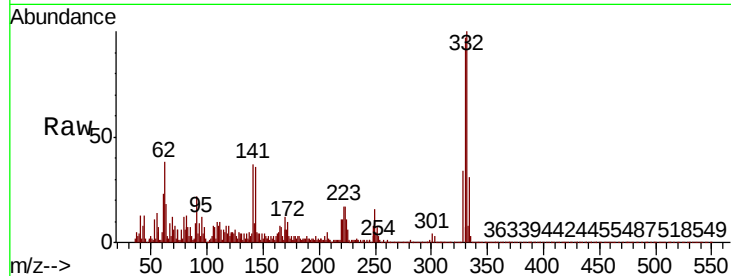




#42
2,4,6-Tribromophenol
Concen: 1.621 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Instrument :
BNA_P
ClientSampleId :
CSA-2-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	33.0	26.5	39.7

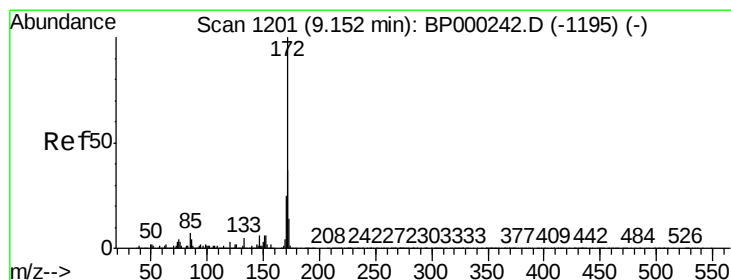
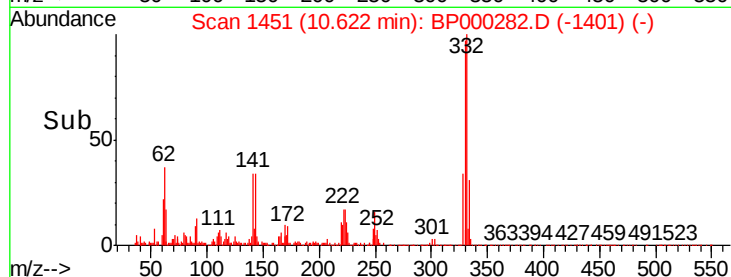
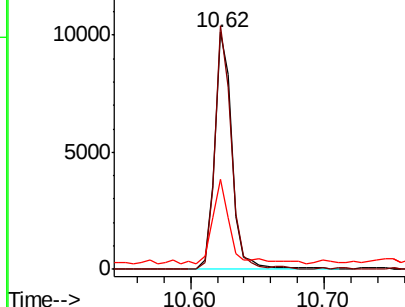


Abundance

Ion 329.80 (329.50 to 330.50): E

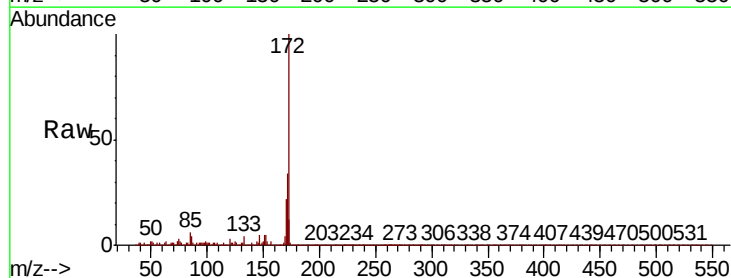
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 2.883 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.8	44.6
170	22.0	19.8	29.6

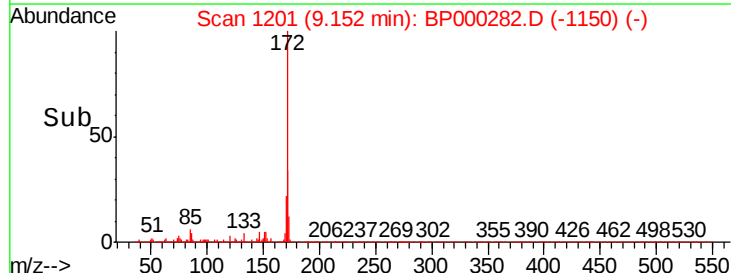
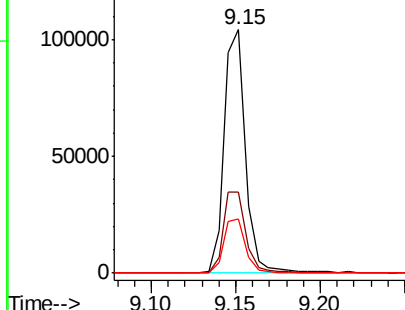


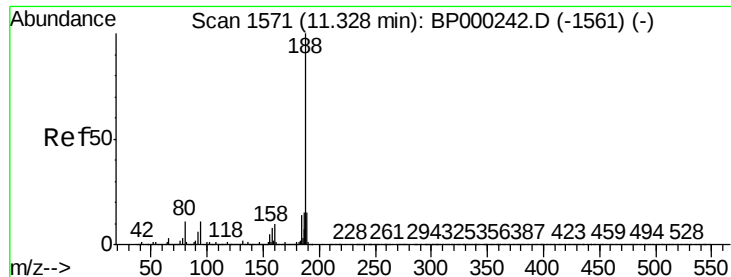
Abundance

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: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

CSA-2-4

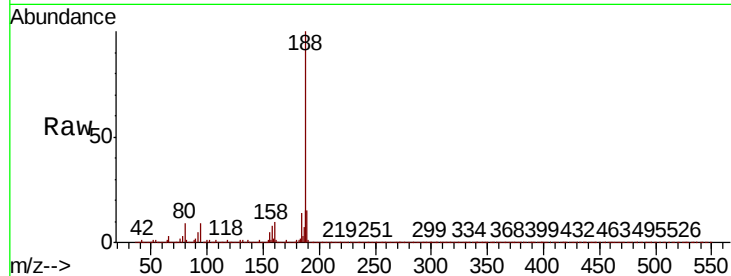
Tot Ion:188 Resp: 978968

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

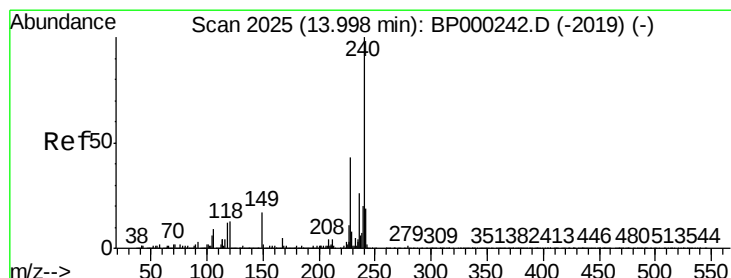
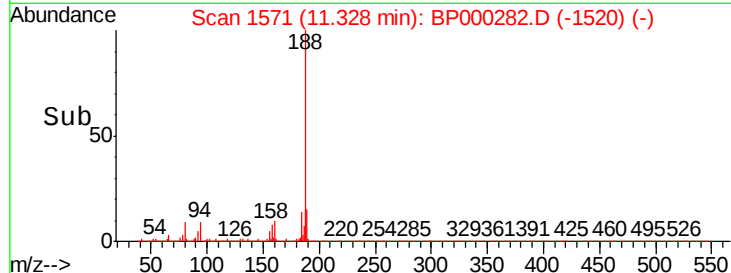
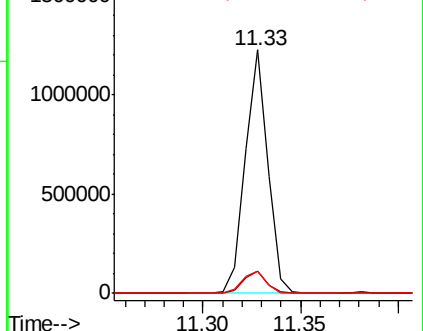
80 9.3 8.6 13.0



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: BP000282.D

Acq: 17 Sep 2019 19:02

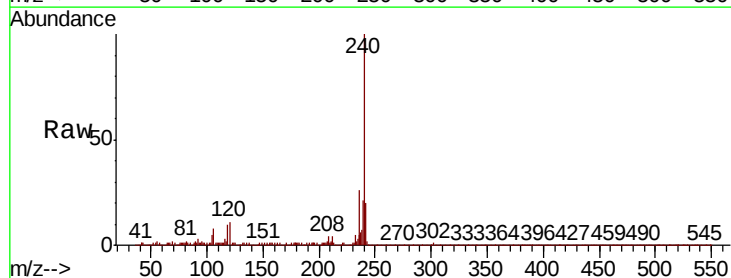
Tgt Ion:240 Resp: 794538

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

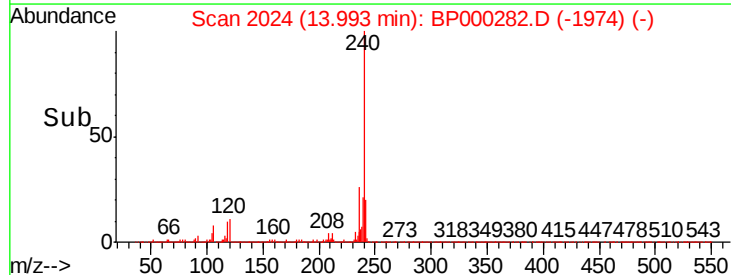
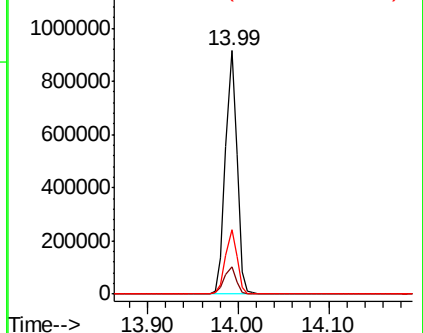
236 26.3 21.0 31.6

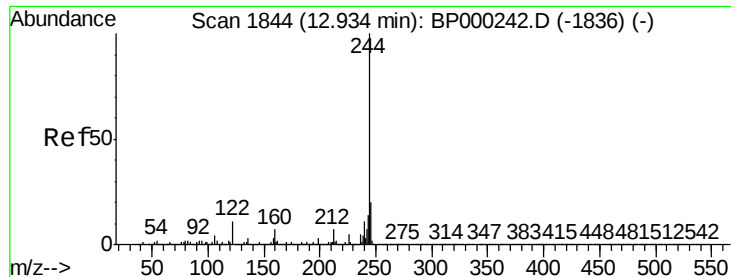


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 2.540 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

CSA-2-4

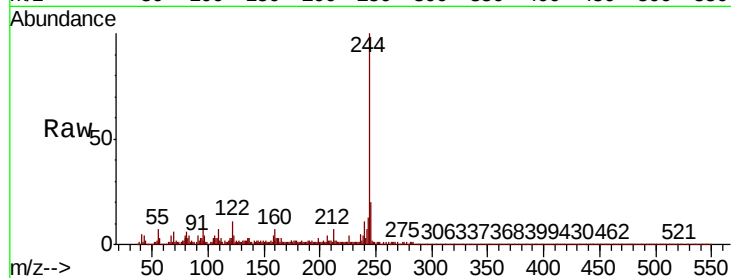
Tot Ion:244 Resp: 96191

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

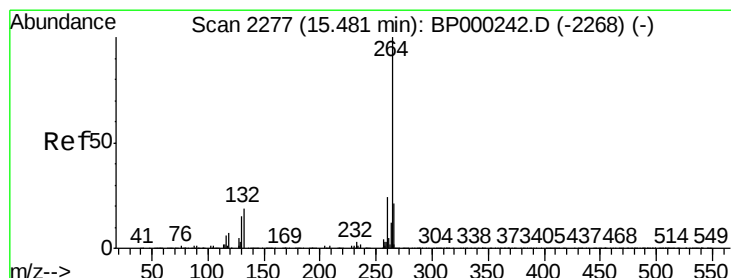
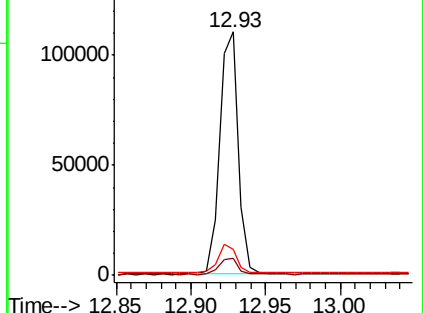
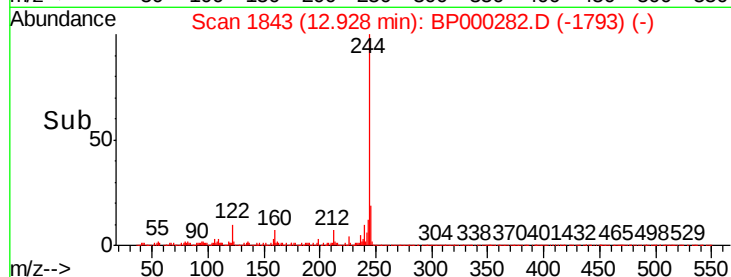
122 10.6 9.0 13.4



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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

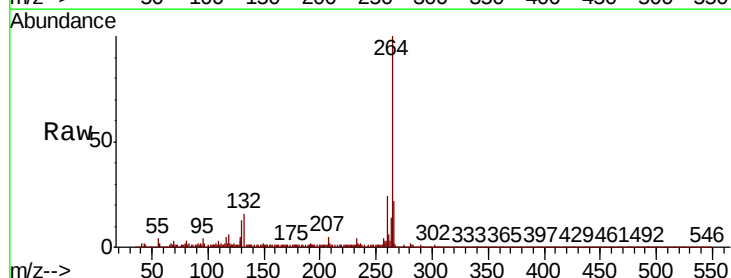
Tgt Ion:264 Resp: 686309

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.2 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

