

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000314.D
 Acq On : 18 Sep 2019 22:03
 Operator : HP/JU
 Sample : K4863-13 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-5

Quant Time: Sep 19 05:04:43 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	264069	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	983511	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	549210	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	961619	20.00	ng	0.00
76) Chrysene-d12	13.99	240	792789	20.00	ng	0.00
87) Perylene-d12	15.48	264	813817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	56564	3.70	ng	0.00
7) Phenol-d6	6.42	99	75313	4.02	ng	0.00
23) Nitrobenzene-d5	7.35	82	27660	1.81	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	19028	3.49	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	108102	3.54	ng	0.00
79) Terphenyl-d14	12.92	244	120792	3.20	ng	-0.01

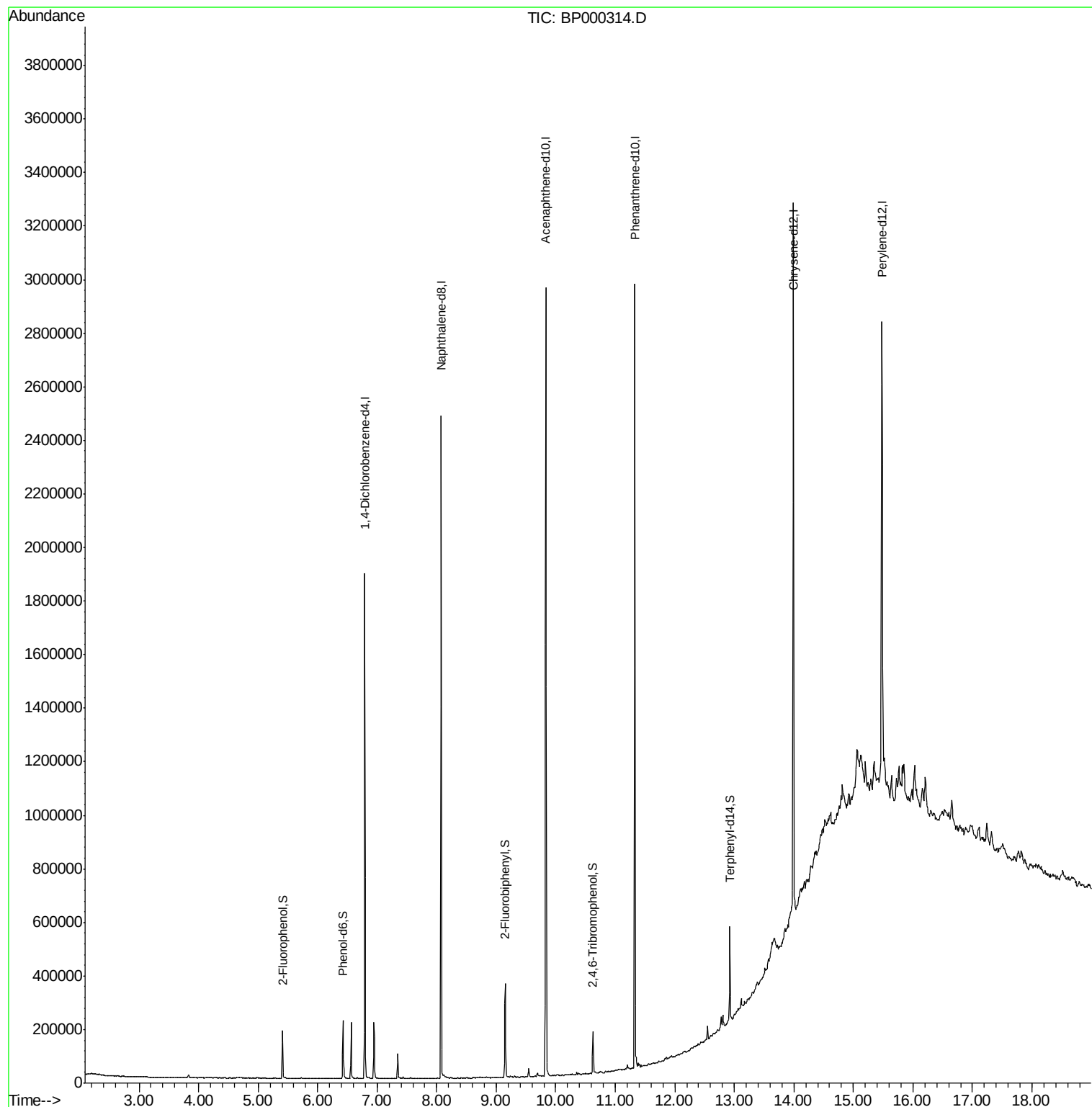
Target Compounds Qvalue

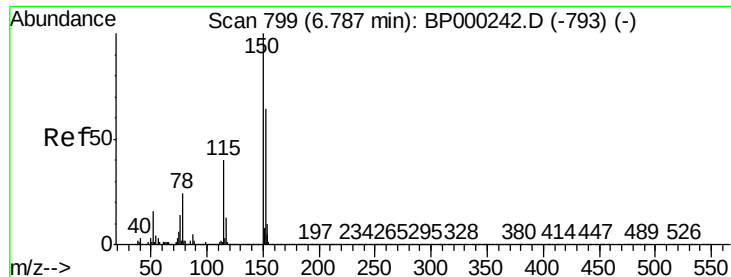
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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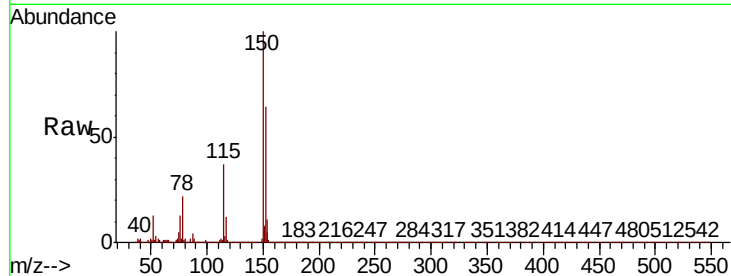


#1

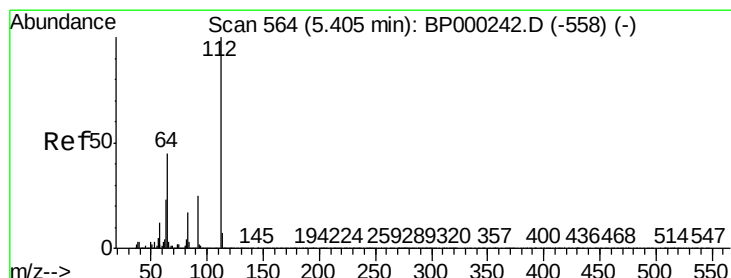
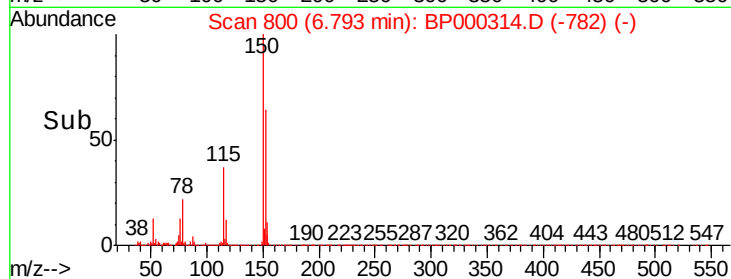
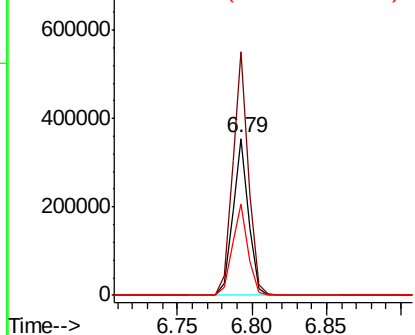
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000314.D
Acq: 18 Sep 2019 22:03

Instrument :
BNA_P
ClientSampleId :
CSA-2-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.2	187.8
115	58.0	49.7	74.5



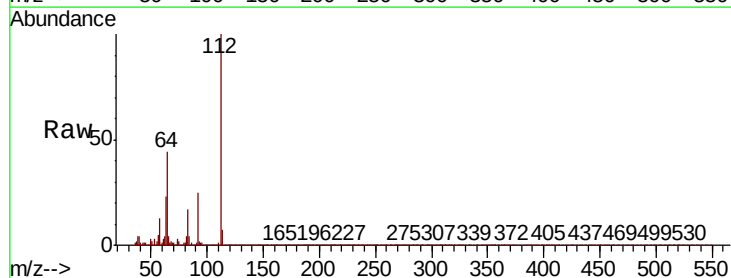
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



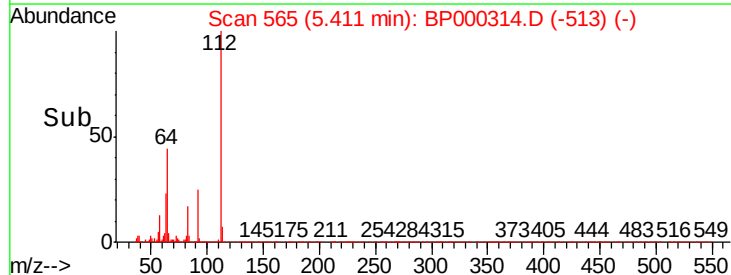
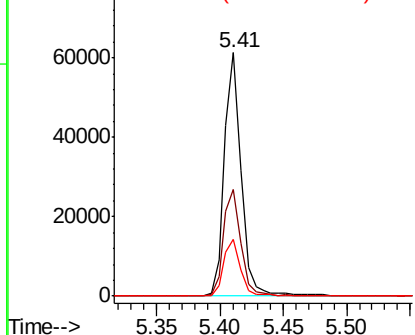
#5

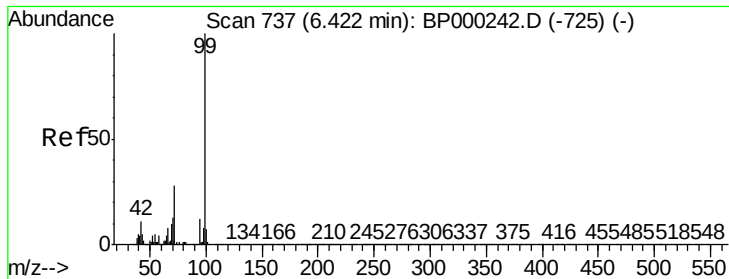
2-Fluorophenol
Concen: 3.698 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000314.D
Acq: 18 Sep 2019 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.8	36.2	54.4
63	23.3	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: 4.017 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000314.D

Acq: 18 Sep 2019 22:03

Instrument :

BNA_P

ClientSampleId :

CSA-2-5

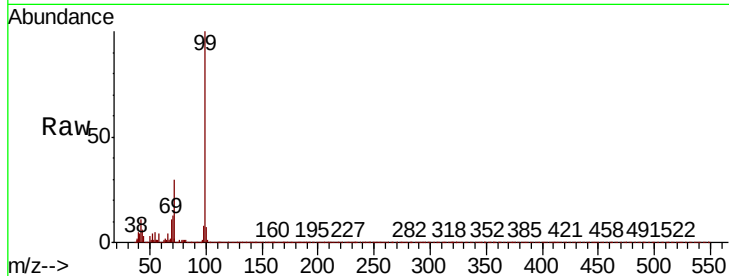
Tot Ion: 99 Resp: 75313

Ion Ratio Lower Upper

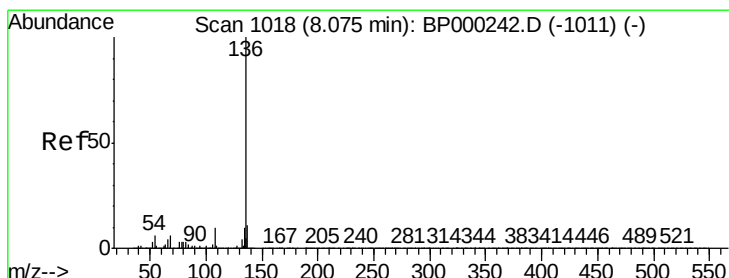
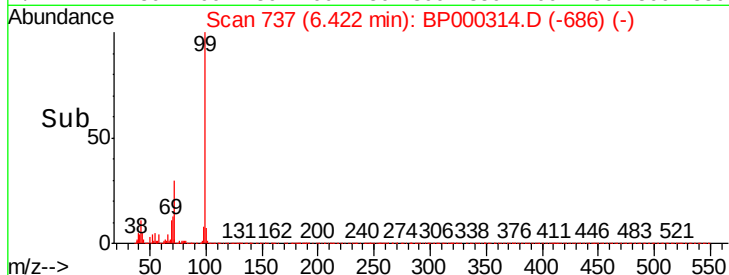
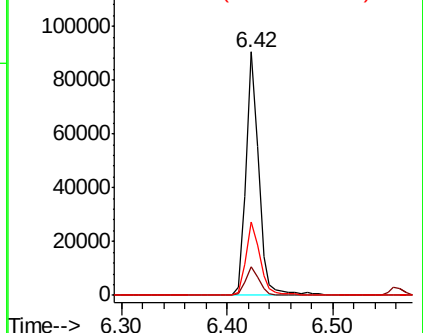
99 100

42 11.5 8.5 12.7

71 30.0 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000314.D

Acq: 18 Sep 2019 22:03

Tgt Ion: 136 Resp: 983511

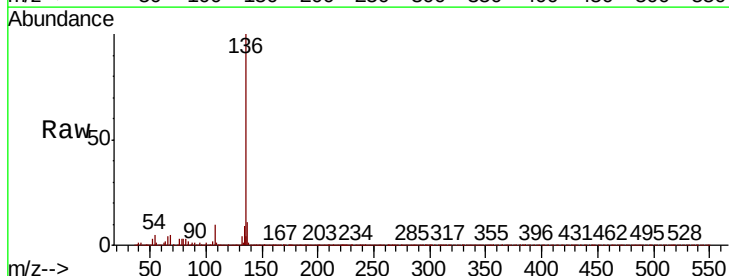
Ion Ratio Lower Upper

136 100

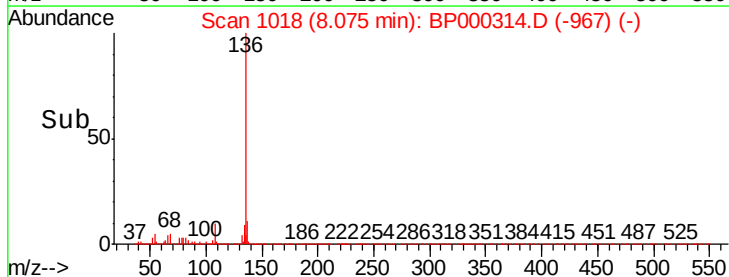
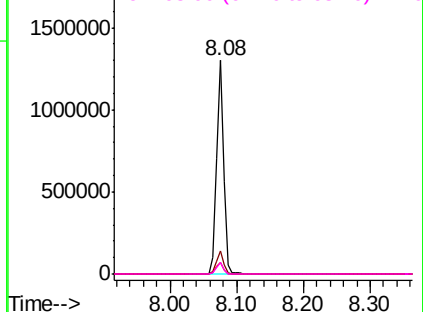
137 11.0 8.6 13.0

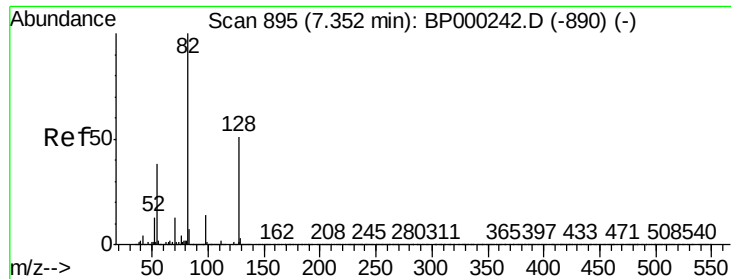
54 5.4 4.5 6.7

68 5.2 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

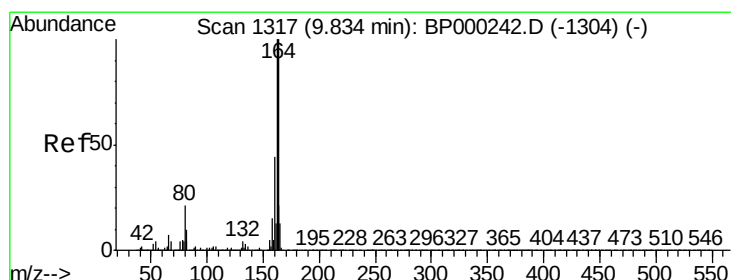
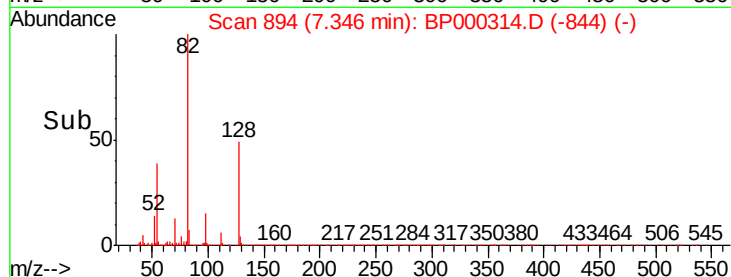
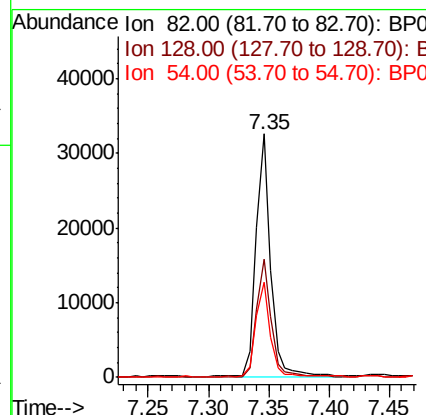
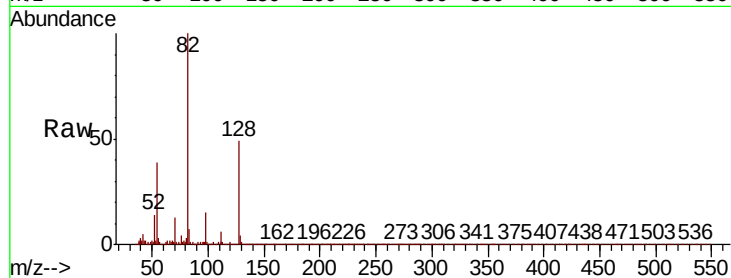




#23
Nitrobenzene-d5
Concen: 1.815 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000314.D
Acq: 18 Sep 2019 22:03

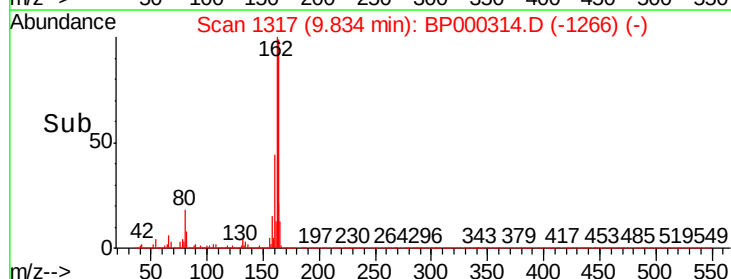
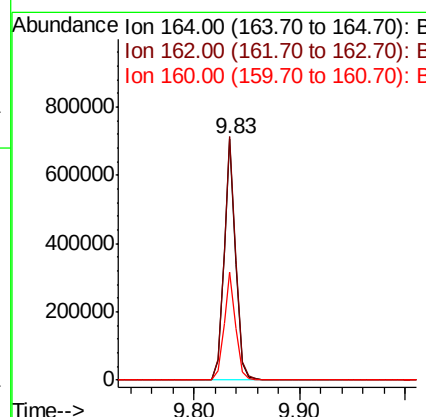
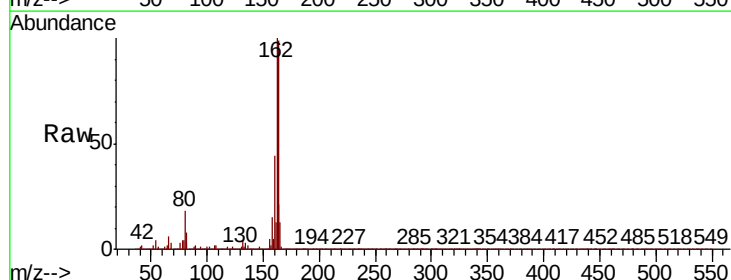
Instrument :
BNA_P
ClientSampleId :
CSA-2-5

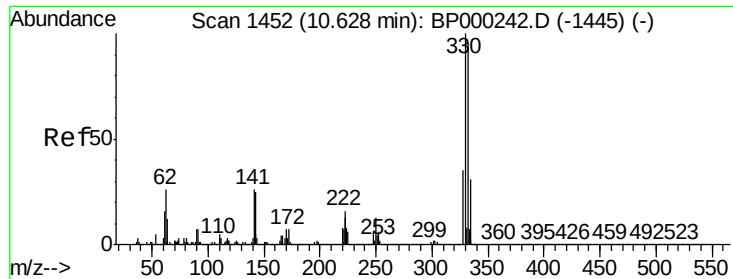
Tot Ion	82	Resp	27660
Ion Ratio	Lower	Upper	
82	100		
128	48.6	40.7	61.1
54	38.9	30.1	45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000314.D
Acq: 18 Sep 2019 22:03

Tgt Ion	164	Resp	549210
Ion Ratio	Lower	Upper	
164	100		
162	100.8	79.9	119.9
160	44.5	35.6	53.4

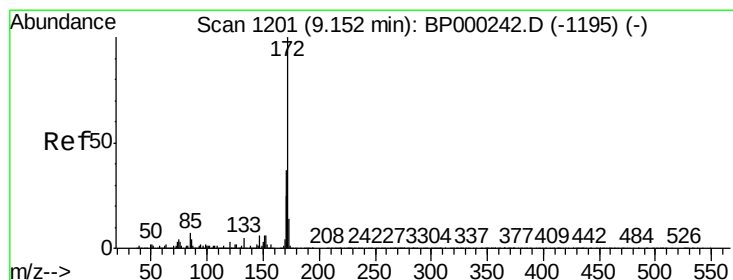
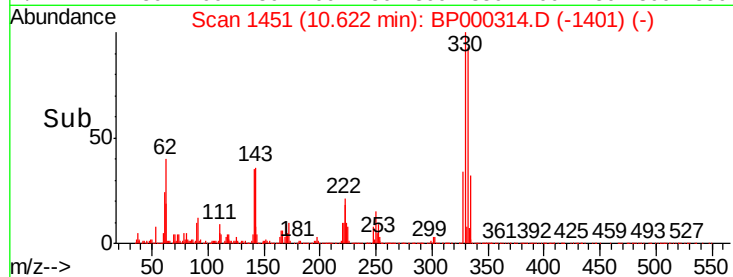
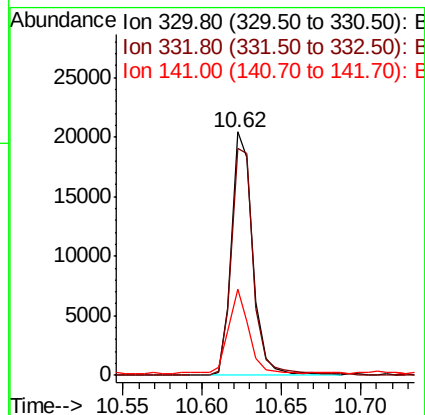
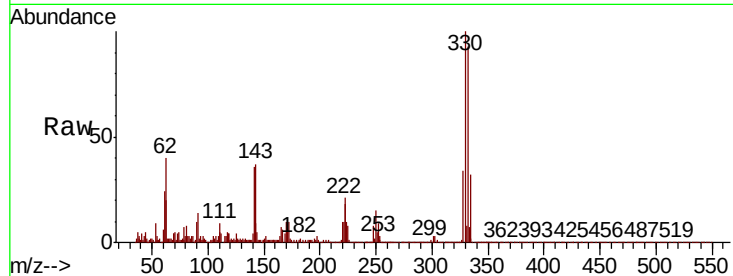




#42
2,4,6-Tribromophenol
Concen: 3.493 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000314.D
Acq: 18 Sep 2019 22:03

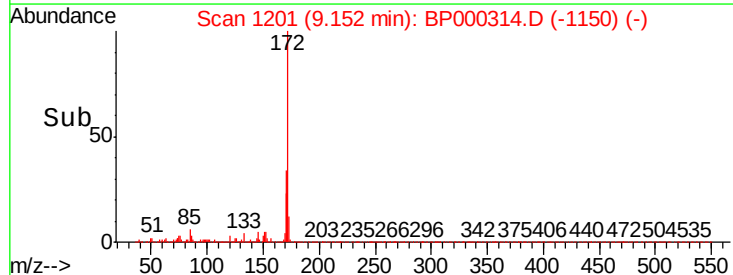
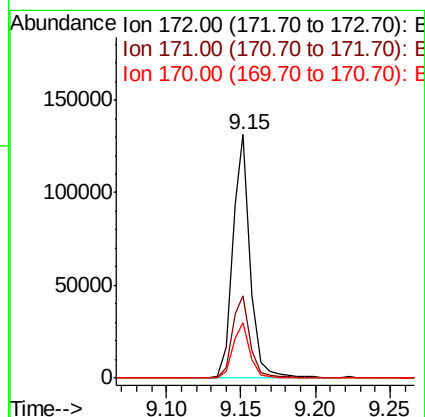
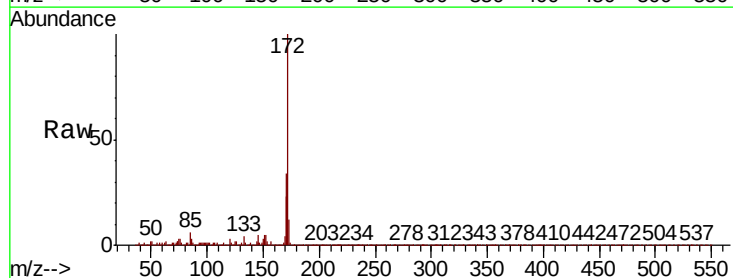
Instrument :
BNA_P
ClientSampleId :
CSA-2-5

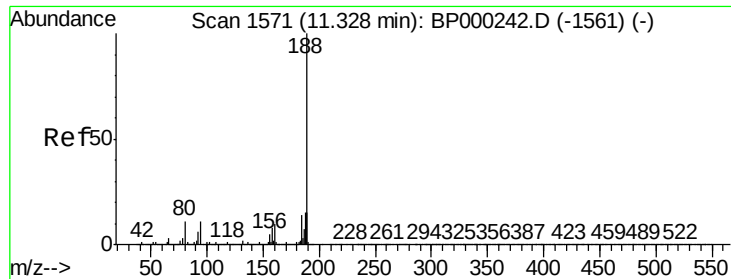
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	32.8	26.5	39.7



#45
2-Fluorobiphenyl
Concen: 3.543 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000314.D
Acq: 18 Sep 2019 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.8	44.6
170	22.8	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: BP000314.D

Acq: 18 Sep 2019 22:03

Instrument :

BNA_P

ClientSampleId :

CSA-2-5

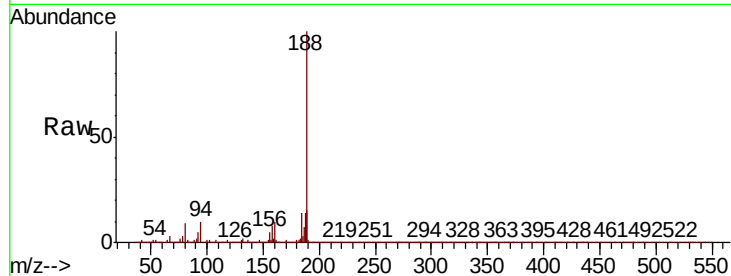
Tot Ion:188 Resp: 961619

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

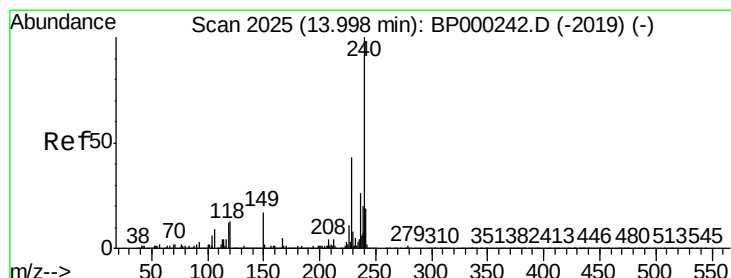
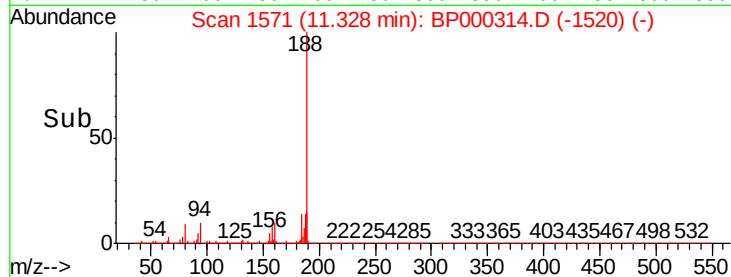
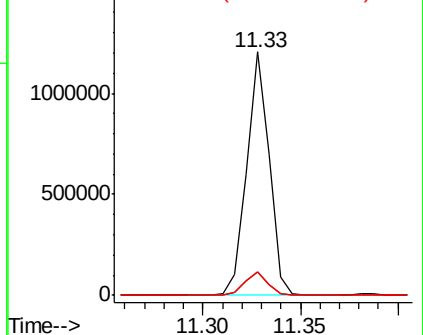
80 9.5 8.6 13.0



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: BP000314.D

Acq: 18 Sep 2019 22:03

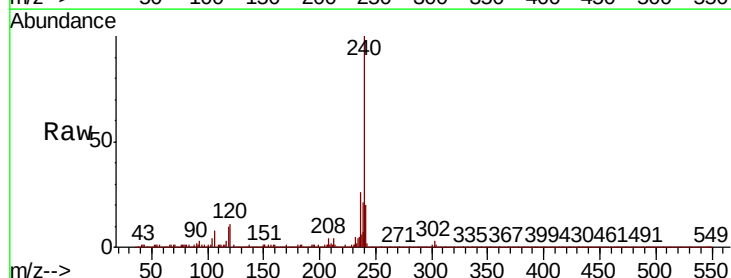
Tgt Ion:240 Resp: 792789

Ion Ratio Lower Upper

240 100

120 11.0 10.4 15.6

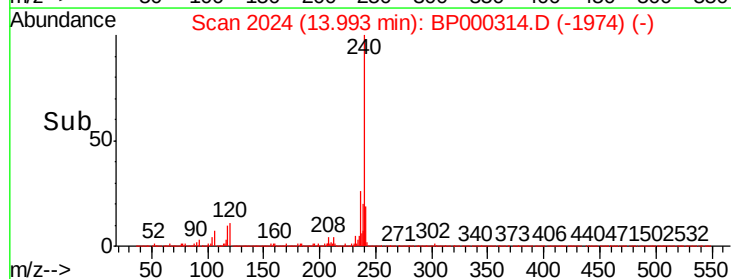
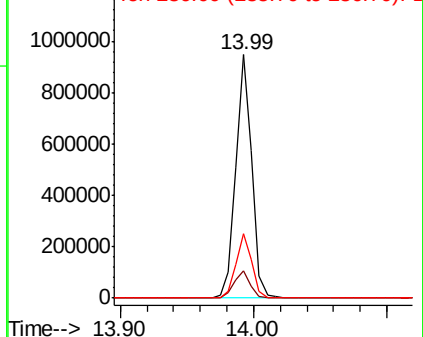
236 26.4 21.0 31.6

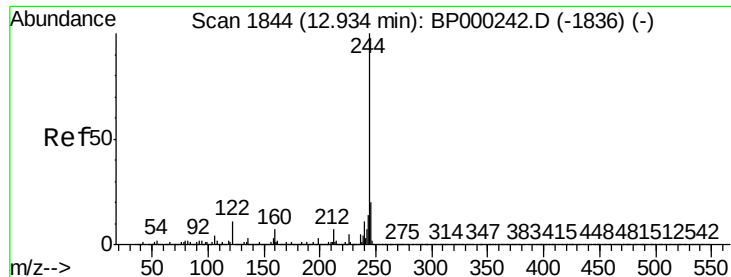


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 3.196 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BP000314.D

Acq: 18 Sep 2019 22:03

Instrument :

BNA_P

ClientSampleId :

CSA-2-5

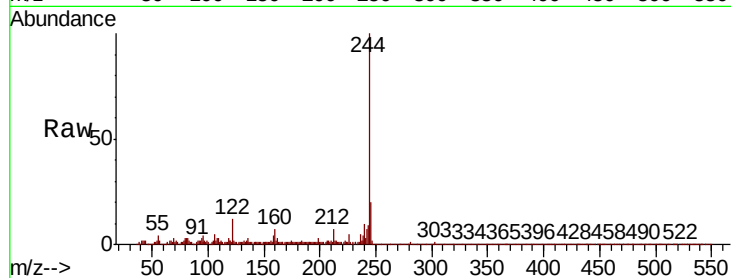
Tot Ion:244 Resp: 120792

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

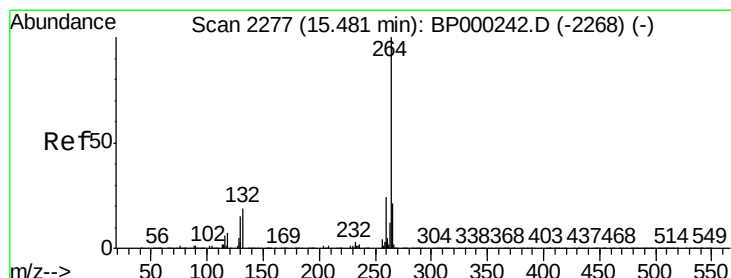
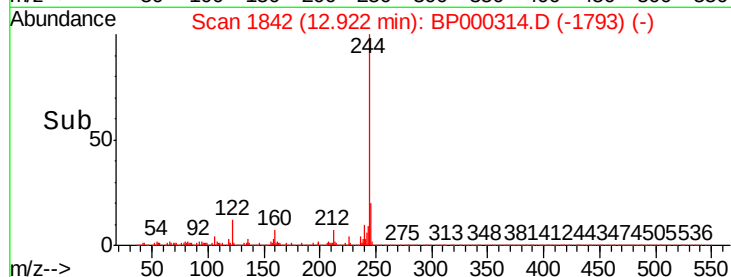
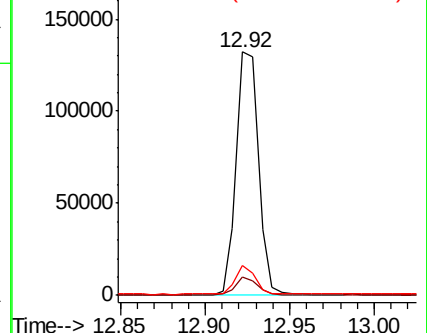
122 12.3 9.0 13.4



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: BP000314.D

Acq: 18 Sep 2019 22:03

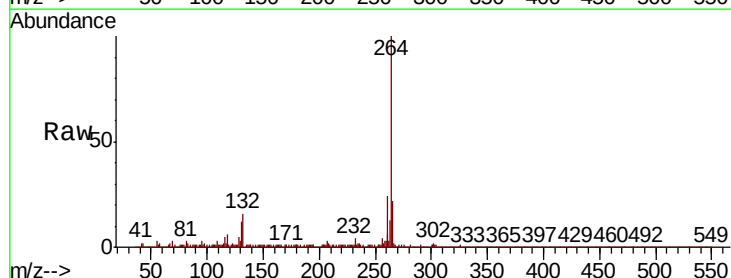
Tgt Ion:264 Resp: 813817

Ion Ratio Lower Upper

264 100

260 23.7 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

