

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001626.D
 Acq On : 16 Jan 2020 00:43
 Operator : JU
 Sample : L1004-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-RO-258

Quant Time: Jan 16 07:46:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	43717	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	163821	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	106102	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	219322	20.00	ng	0.00
76) Chrysene-d12	21.15	240	171859	20.00	ng	0.00
87) Perylene-d12	23.39	264	183433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	49464	22.16	ng	0.00
7) Phenol-d6	6.83	99	73774	20.68	ng	0.00
23) Nitrobenzene-d5	8.78	82	47377	12.64	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	25026	15.50	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	103384	14.33	ng	0.00
79) Terphenyl-d14	19.63	244	129912	13.83	ng	0.00

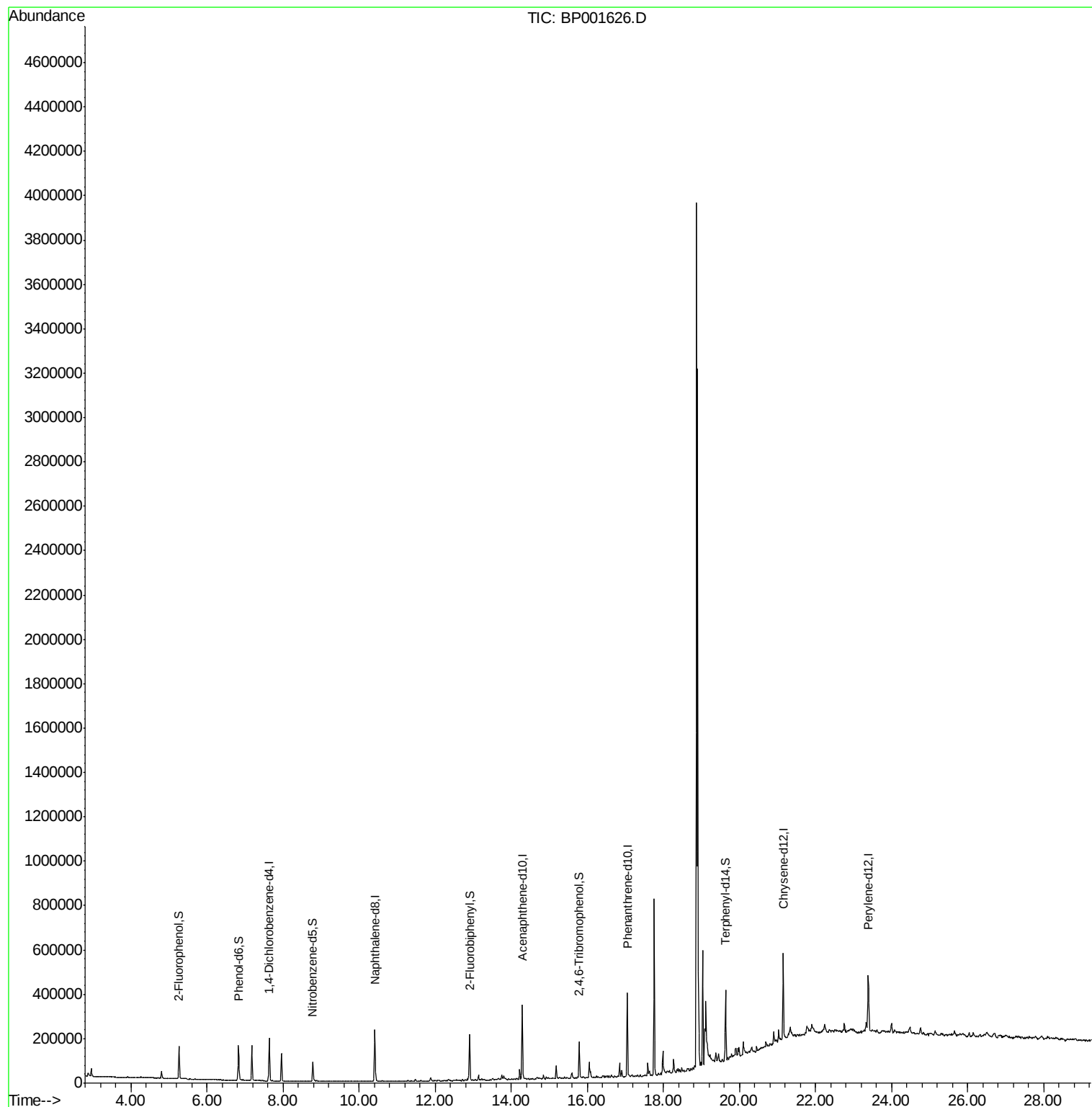
Target Compounds Qvalue

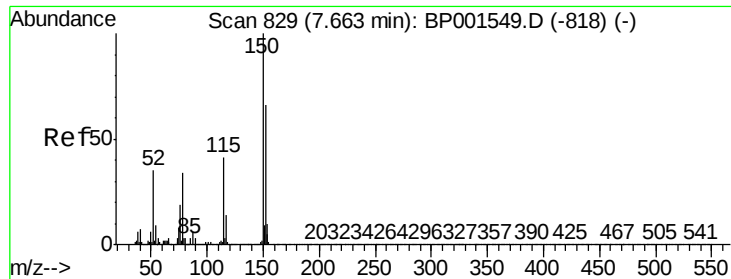
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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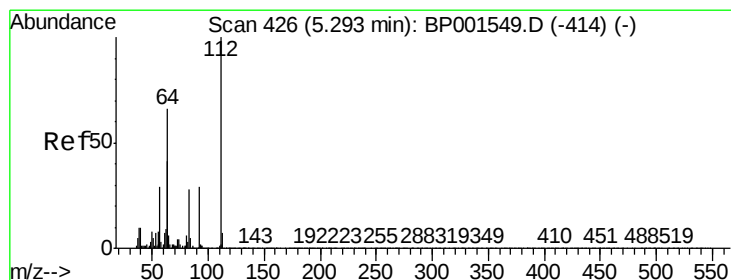
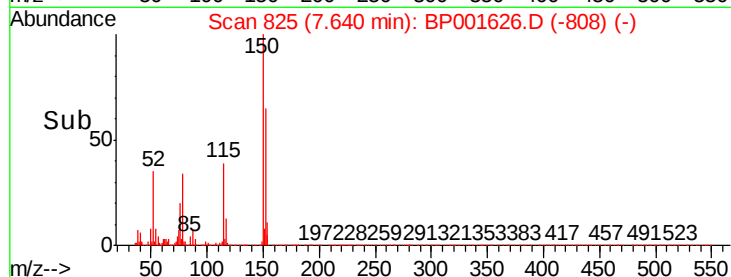
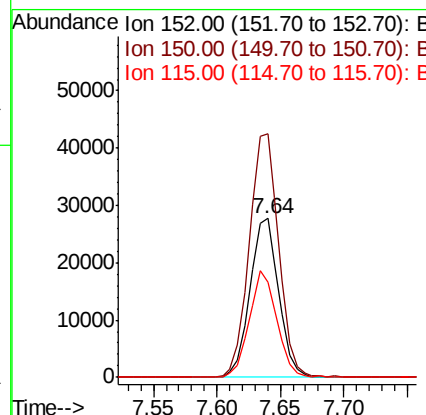
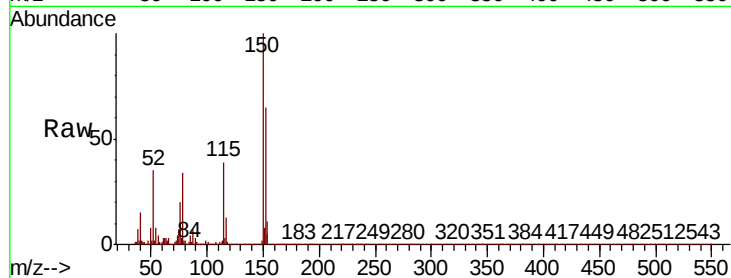




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.64 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BP001626.D
 Acq: 16 Jan 2020 00:43

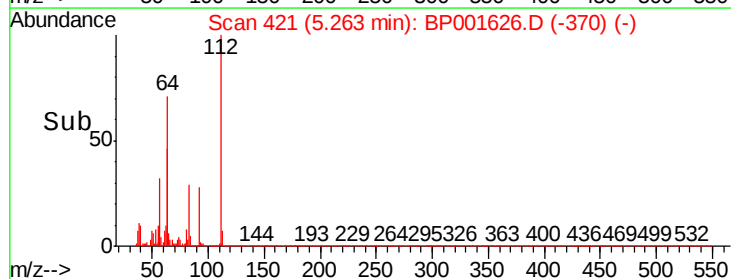
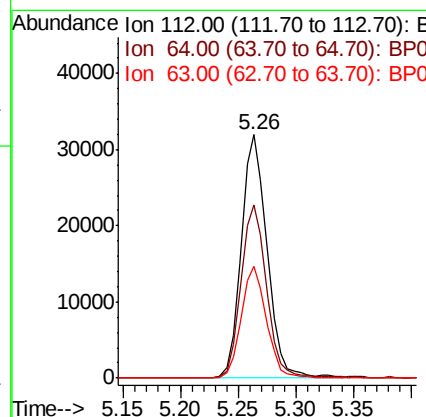
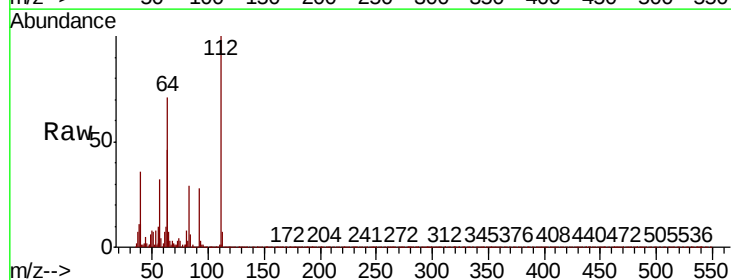
Instrument :
 BNA_P
 ClientSampled :
 BU-RO-258

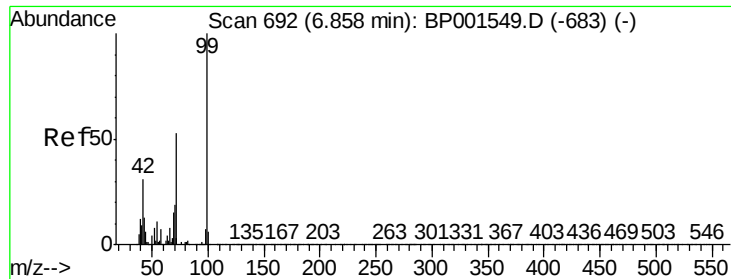
Tot Ion:152 Resp: 43717
 Ion Ratio Lower Upper
 152 100
 150 153.3 122.0 183.0
 115 60.1 50.7 76.1



#5
 2-Fluorophenol
 Concen: 22.164 ng
 RT: 5.26 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BP001626.D
 Acq: 16 Jan 2020 00:43

Tgt Ion:112 Resp: 49464
 Ion Ratio Lower Upper
 112 100
 64 71.0 52.8 79.2
 63 45.8 33.1 49.7





#7

Phenol-d6

Concen: 20.684 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001626.D

Acq: 16 Jan 2020 00:43

Instrument :

BNA_P

ClientSampleId :

BU-RO-258

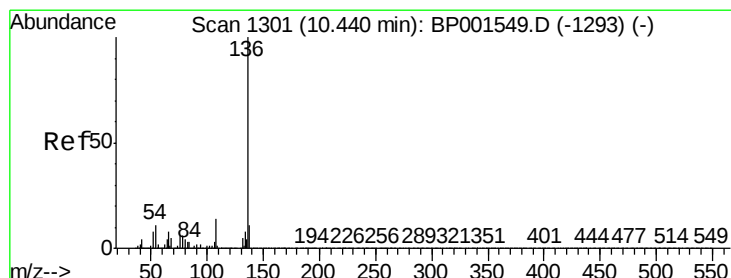
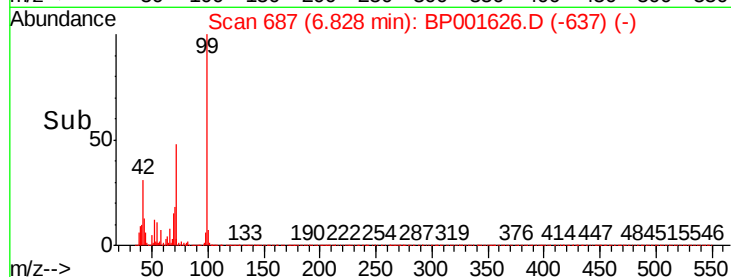
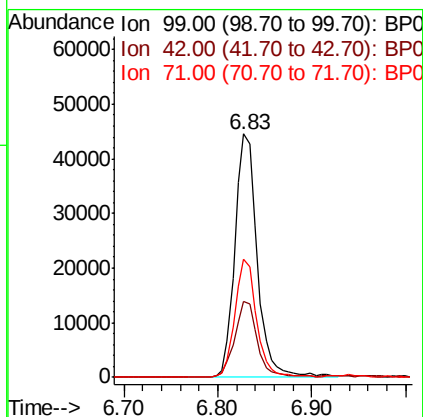
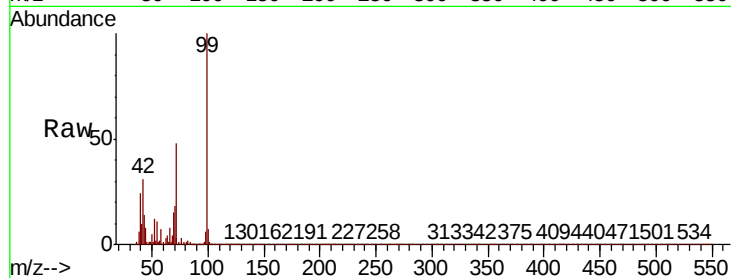
Tot Ion: 99 Resp: 73774

Ion Ratio Lower Upper

99 100

42 31.1 24.5 36.7

71 48.4 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001626.D

Acq: 16 Jan 2020 00:43

Tgt Ion: 136 Resp: 163821

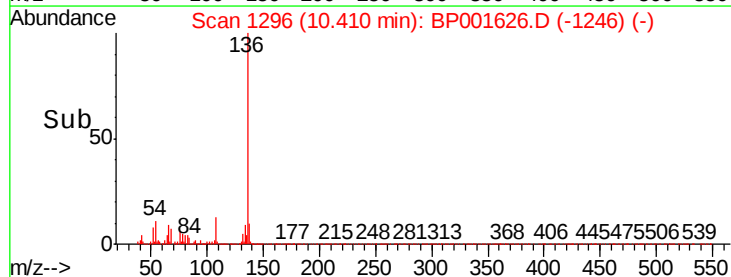
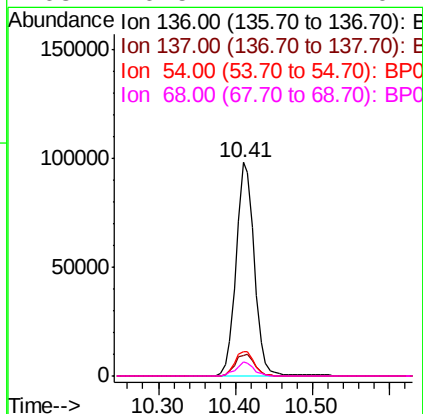
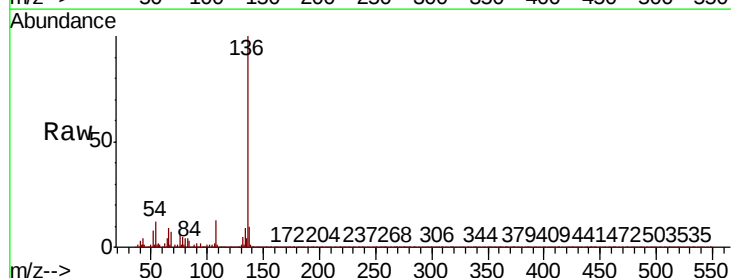
Ion Ratio Lower Upper

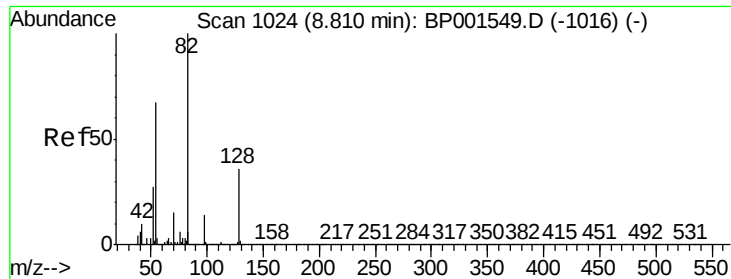
136 100

137 9.8 8.6 12.8

54 11.5 9.2 13.8

68 6.5 4.1 6.1#

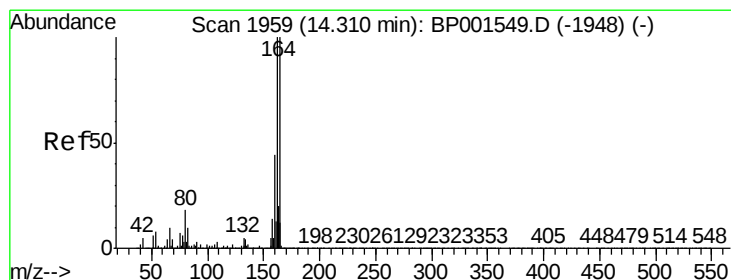
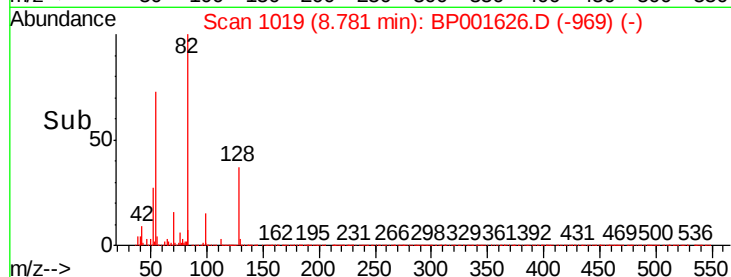
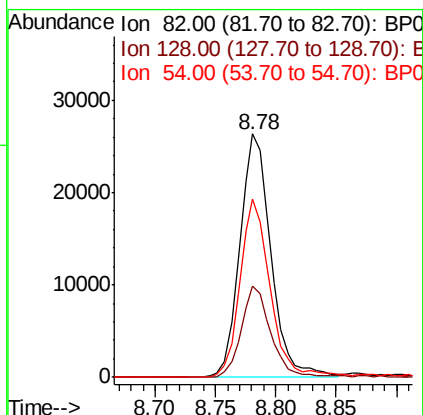
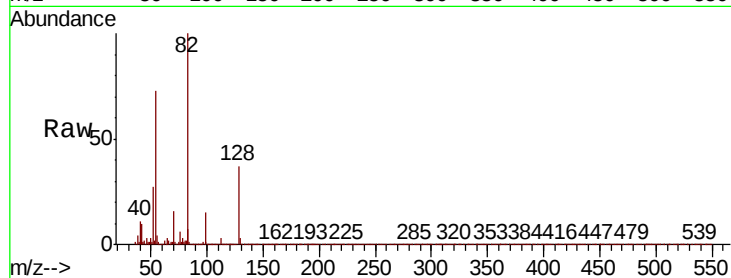




#23
 Nitrobenzene-d5
 Concen: 12.637 ng
 RT: 8.78 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BP001626.D
 Acq: 16 Jan 2020 00:43

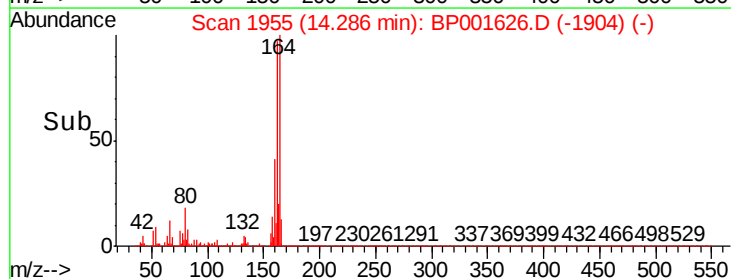
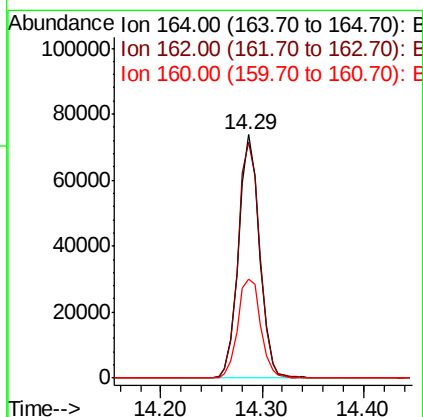
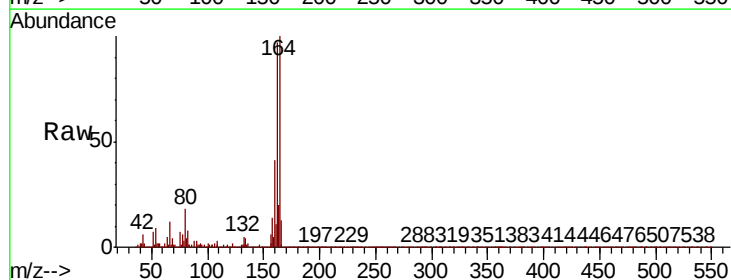
Instrument :
 BNA_P
 ClientSampleId :
 BU-RO-258

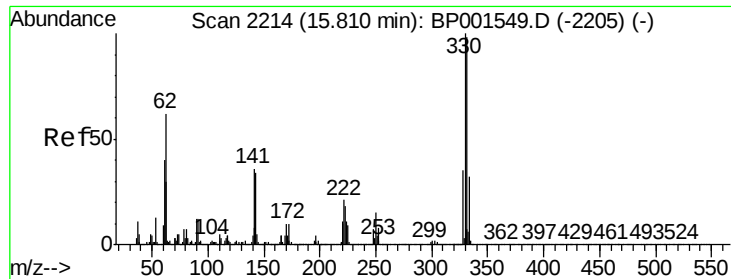
Tot Ion	82	Resp	47377
Ion Ratio	Lower	Upper	
82	100		
128	37.4	28.4	42.6
54	73.1	53.4	80.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BP001626.D
 Acq: 16 Jan 2020 00:43

Tgt Ion	164	Resp	106102
Ion Ratio	Lower	Upper	
164	100		
162	96.7	79.8	119.6
160	40.9	35.0	52.6

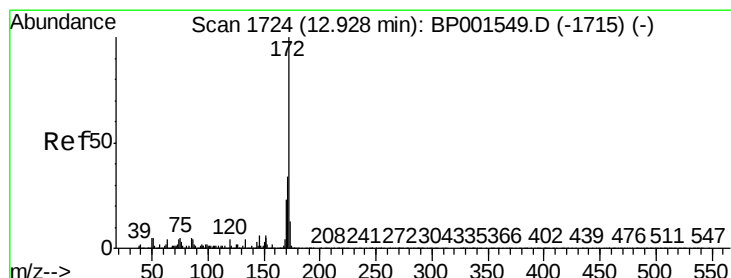
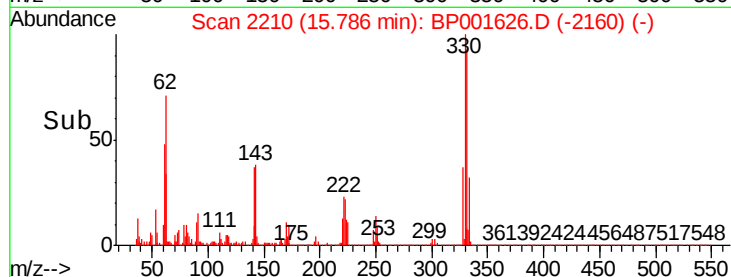
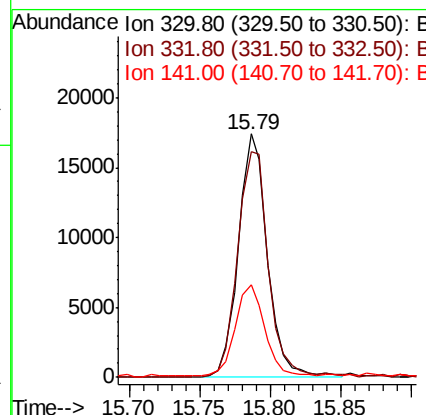
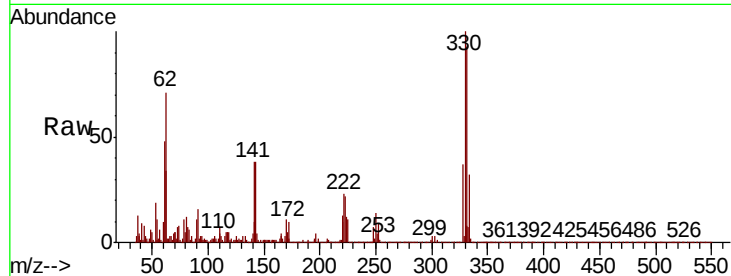




#42
 2,4,6-Tribromophenol
 Concen: 15.495 ng
 RT: 15.79 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BP001626.D
 Acq: 16 Jan 2020 00:43

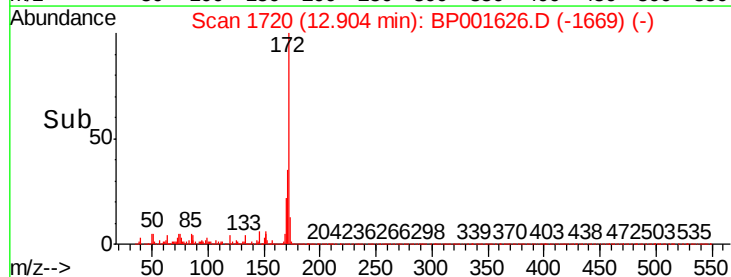
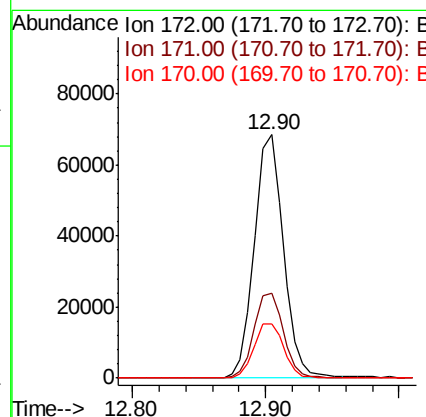
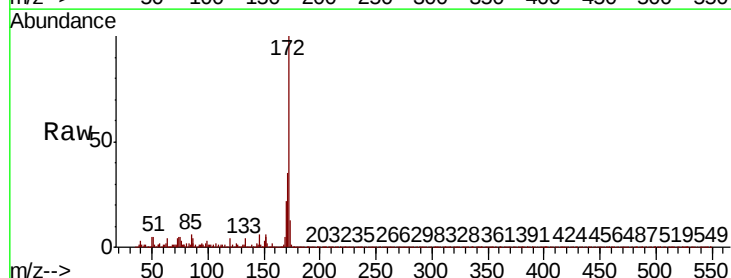
Instrument :
 BNA_P
 ClientSampleId :
 BU-RO-258

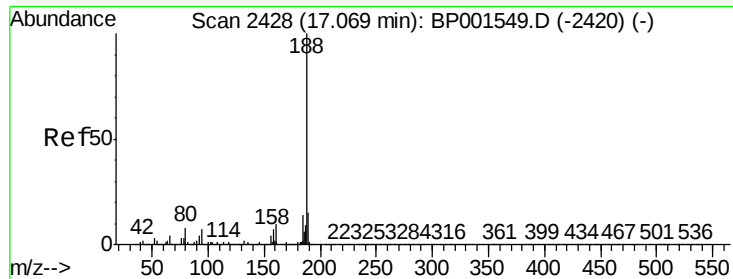
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.8	116.6
141	37.5	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 14.326 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BP001626.D
 Acq: 16 Jan 2020 00:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	22.3	18.3	27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BP001626.D

Acq: 16 Jan 2020 00:43

Instrument :

BNA_P

ClientSampleId :

BU-RO-258

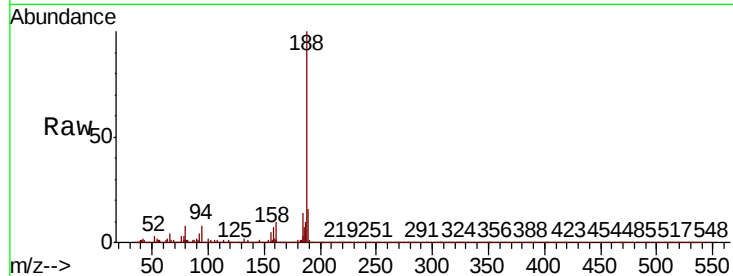
Tot Ion:188 Resp: 219322

Ion Ratio Lower Upper

188 100

94 7.6 5.9 8.9

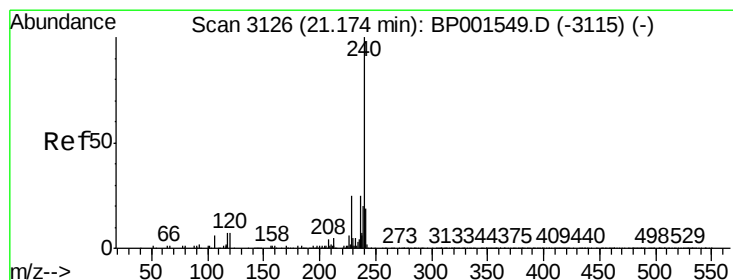
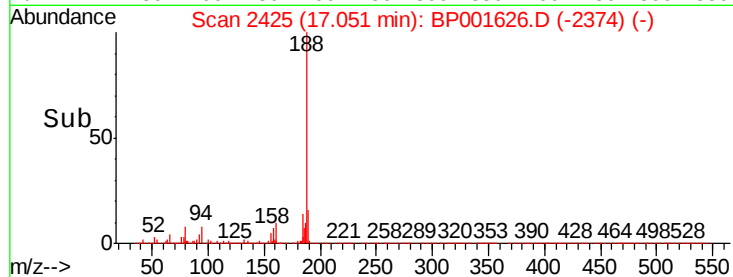
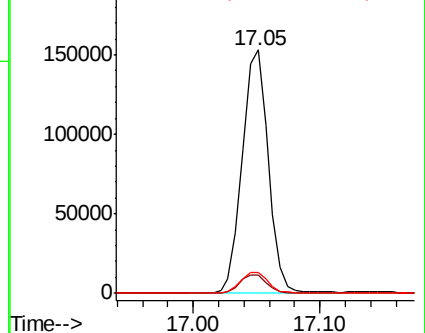
80 9.2 6.8 10.2



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: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001626.D

Acq: 16 Jan 2020 00:43

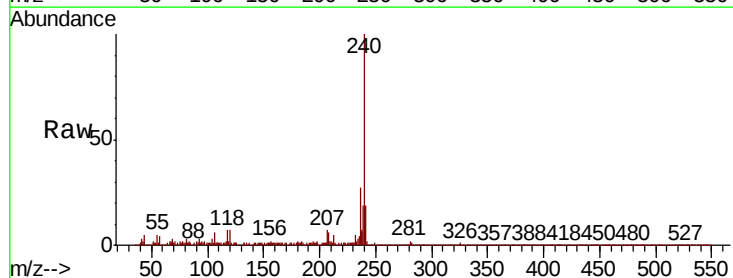
Tgt Ion:240 Resp: 171859

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

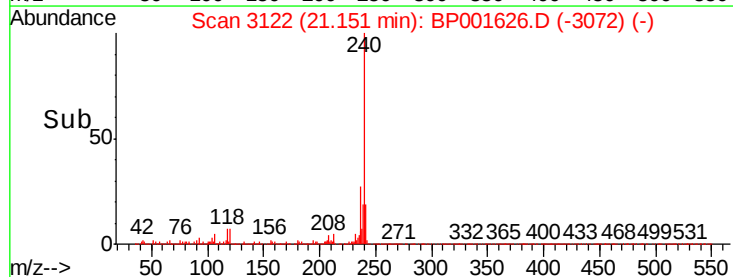
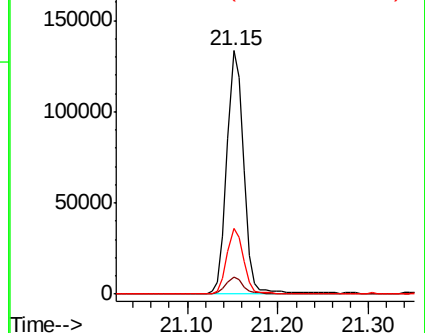
236 26.9 20.4 30.6

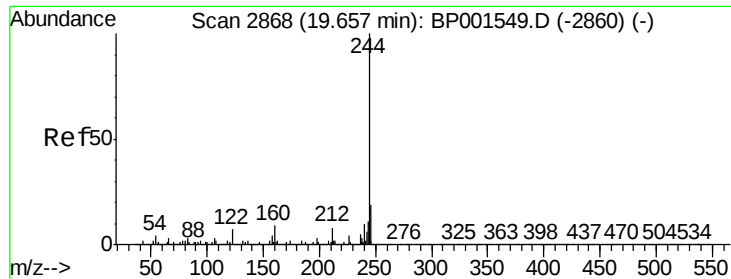


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 13.826 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001626.D

Acq: 16 Jan 2020 00:43

Instrument :

BNA_P

ClientSampleId :

BU-RO-258

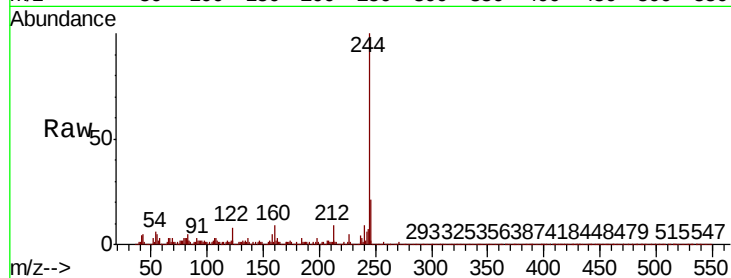
Tot Ion:244 Resp: 129912

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

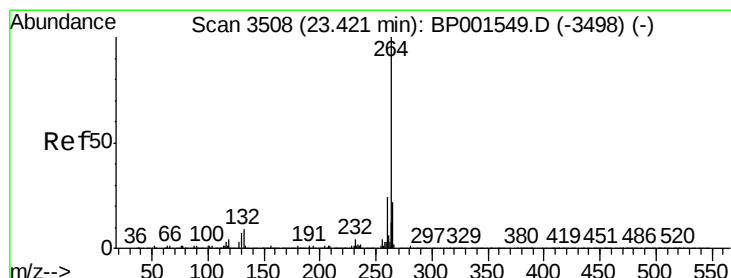
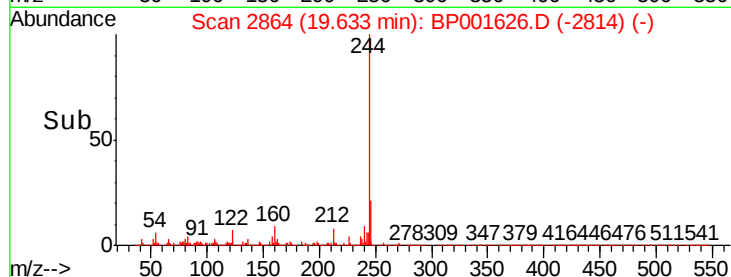
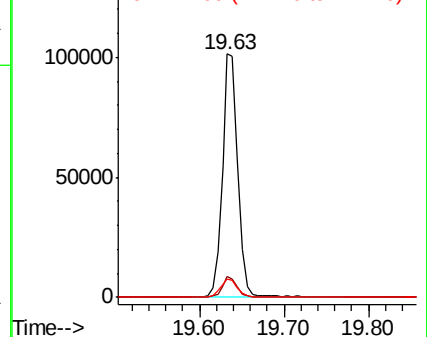
122 7.6 5.8 8.6



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: 23.39 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BP001626.D

Acq: 16 Jan 2020 00:43

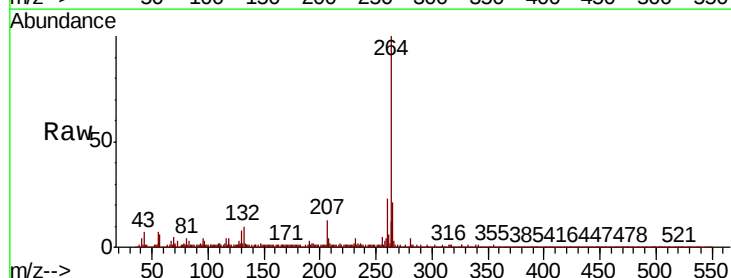
Tgt Ion:264 Resp: 183433

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.2 18.2 27.4



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

