

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
 Data File : BP001583.D
 Acq On : 09 Jan 2020 17:24
 Operator : JU
 Sample : L1047-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FMI109

Quant Time: Jan 10 06:10:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	35026	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	130686	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	87701	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	208212	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	174938	20.00	ng	0.00
87) Perylene-d12	23.43	264	172175	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	139344	77.93	ng	-0.01
7) Phenol-d6	6.85	99	122998	43.04	ng	-0.01
23) Nitrobenzene-d5	8.80	82	276020	92.29	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	184301	138.05	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	593037	99.42	ng	0.00
79) Terphenyl-d14	19.65	244	979421	102.40	ng	0.00

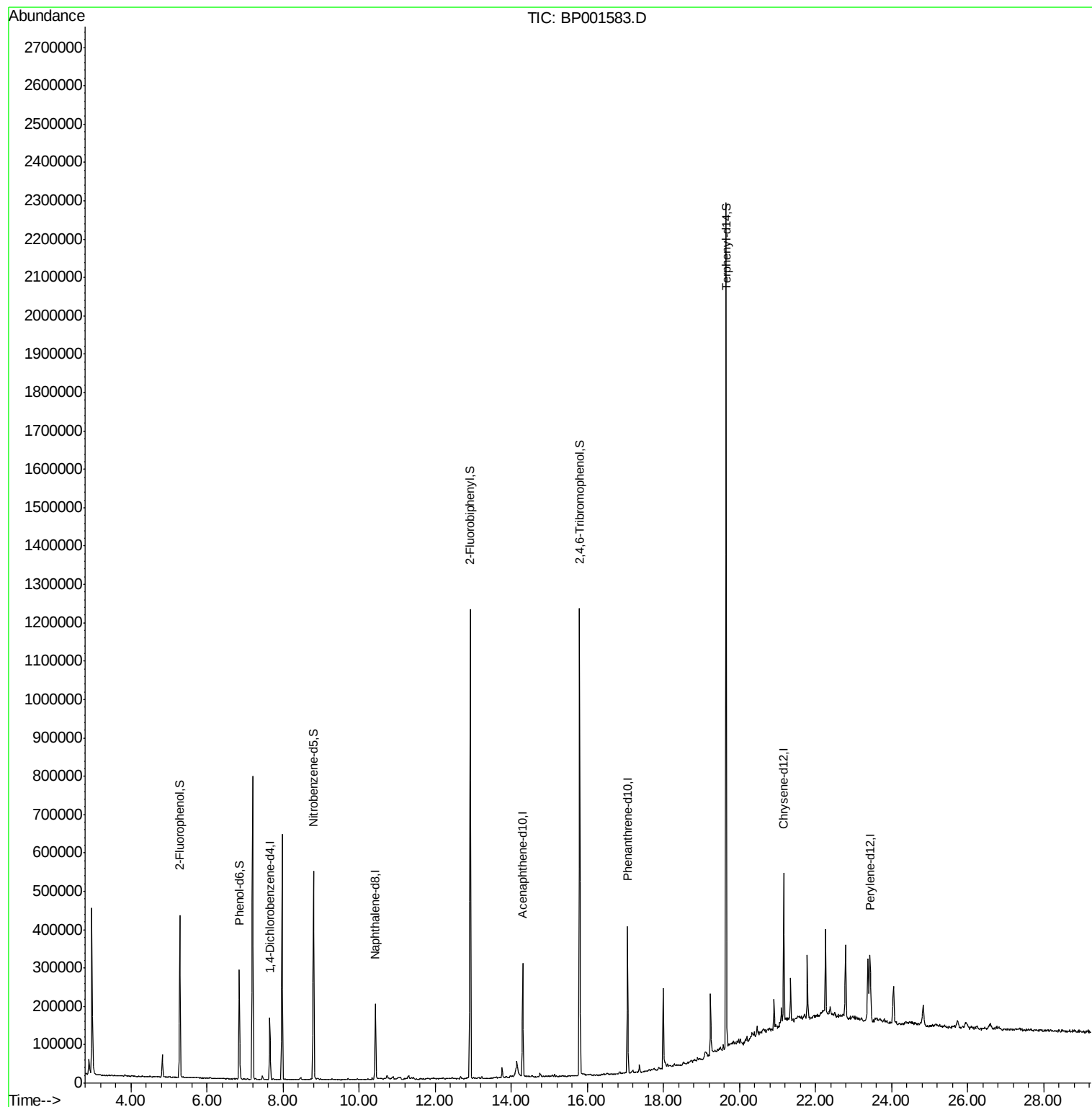
Target Compounds Qvalue

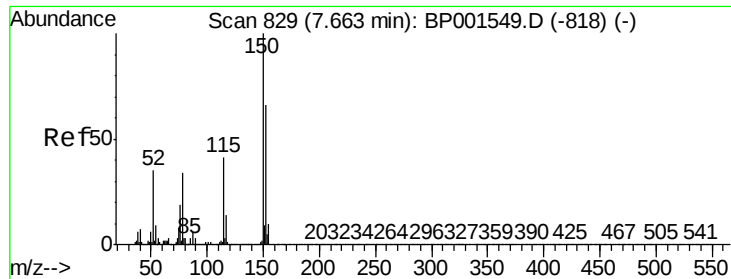
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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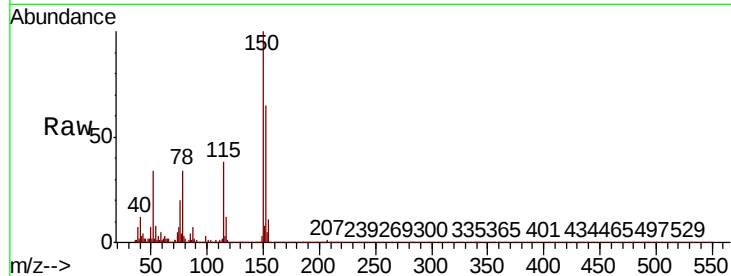


#1

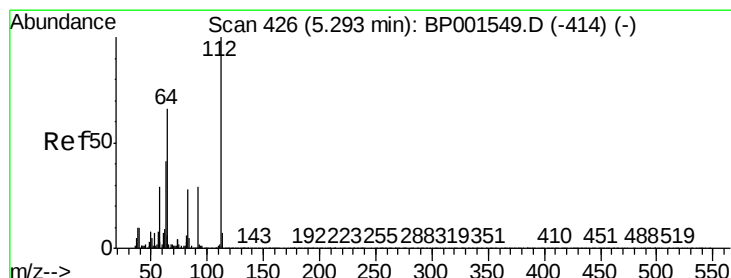
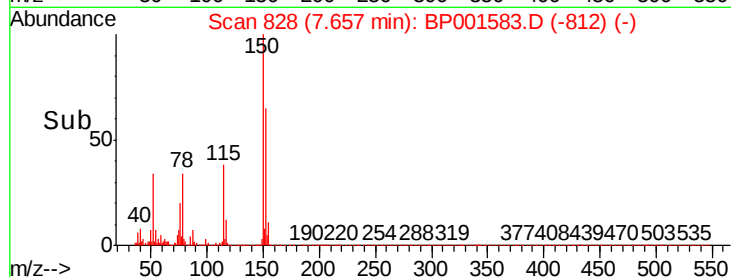
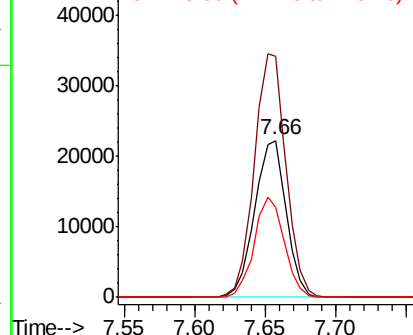
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Instrument :
BNA_P
ClientSampleId :
FMI109

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.0	183.0
115	57.6	50.7	76.1



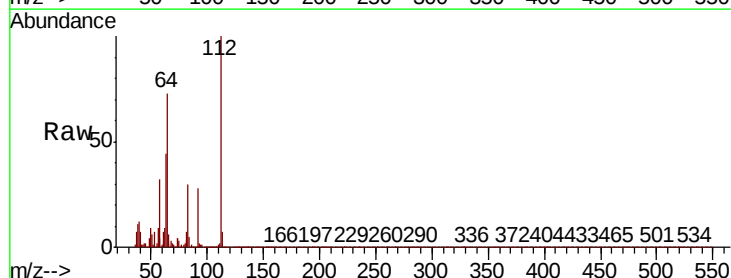
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



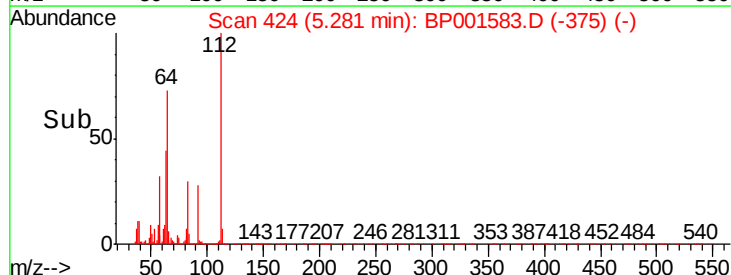
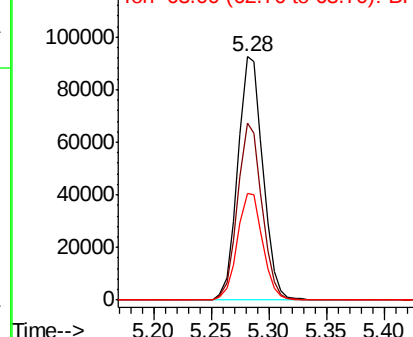
#5

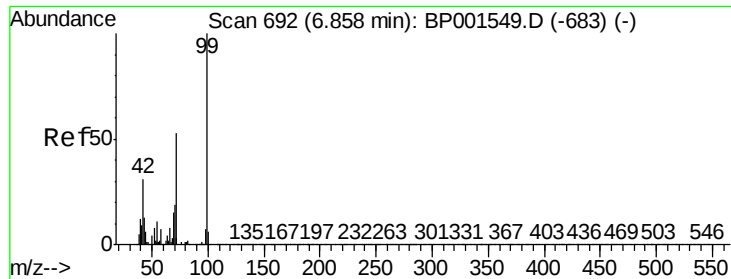
2-Fluorophenol
Concen: 77.931 ng
RT: 5.28 min Scan# 424
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	52.8	79.2
63	43.7	33.1	49.7



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: 43.042 ng

RT: 6.85 min Scan# 690

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

Instrument :

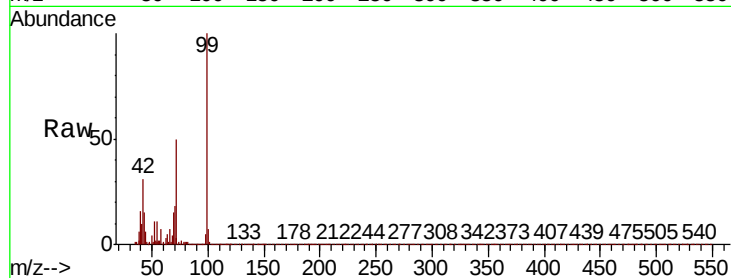
BNA_P

ClientSampleId :

FMI109

Tot Ion: 99 Resp: 122998

Ion	Ratio	Lower	Upper
99	100		
42	30.9	24.5	36.7
71	49.9	42.4	63.6

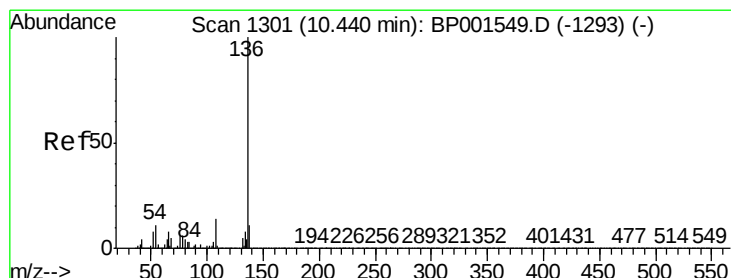
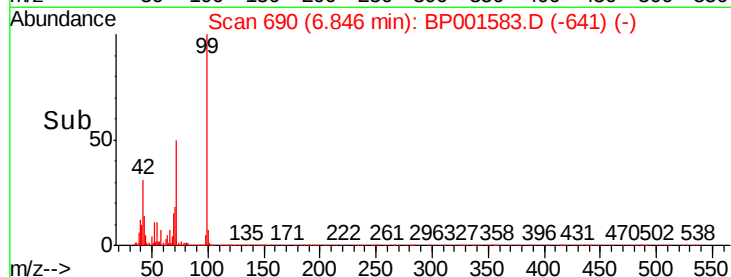


Abundance

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: 10.43 min Scan# 1299

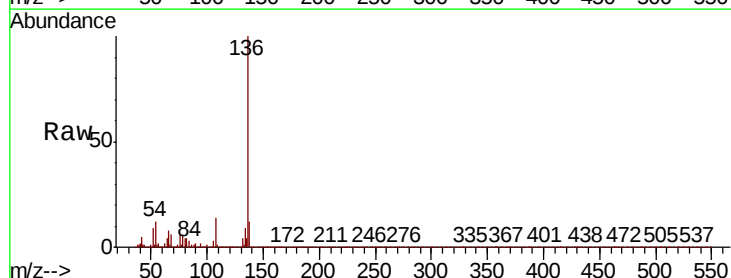
Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

Tgt Ion: 136 Resp: 130686

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	12.4	9.2	13.8
68	6.3	4.1	6.1#



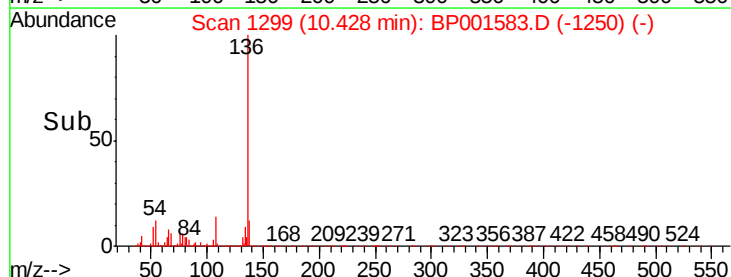
Abundance

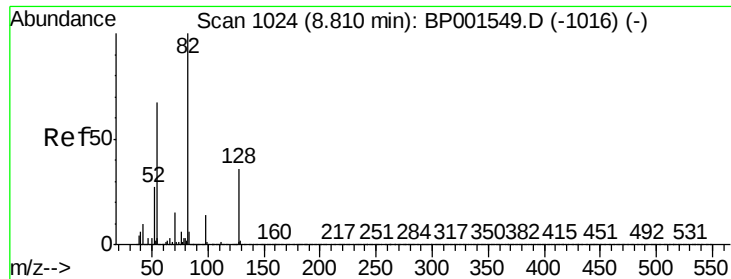
Ion 136.00 (135.70 to 136.70): E

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

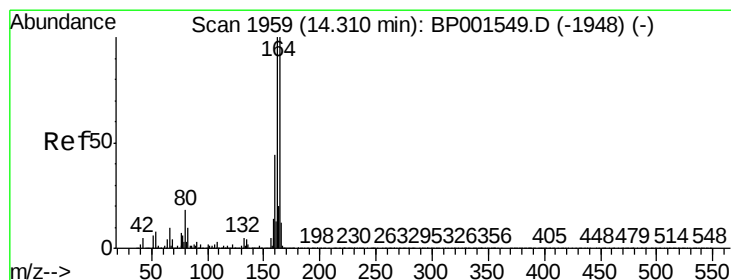
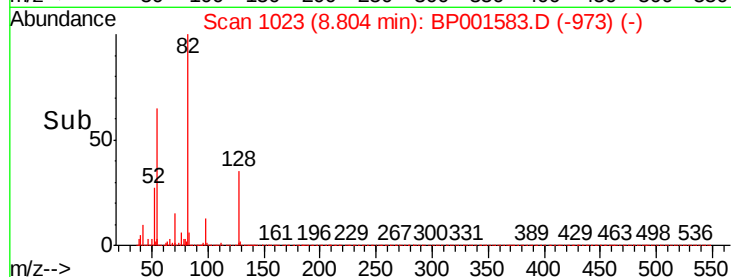
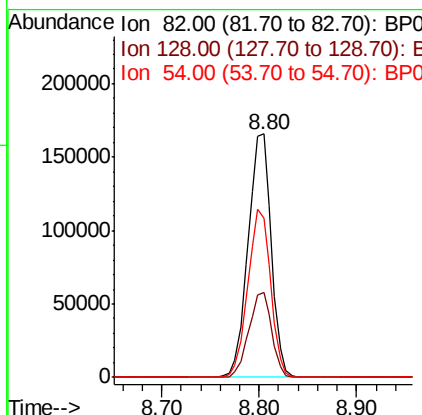
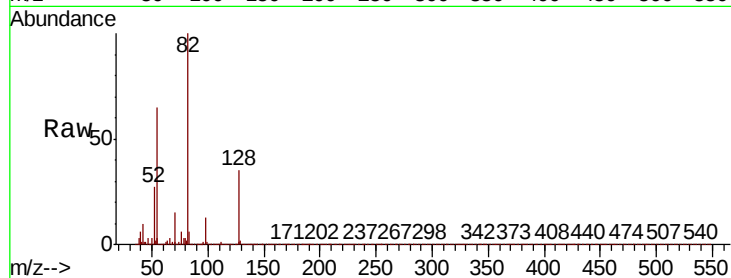




#23
Nitrobenzene-d5
Concen: 92.293 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

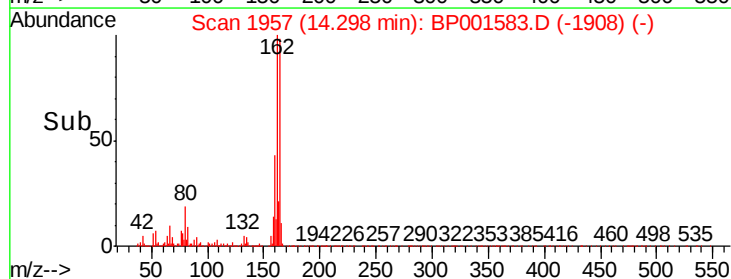
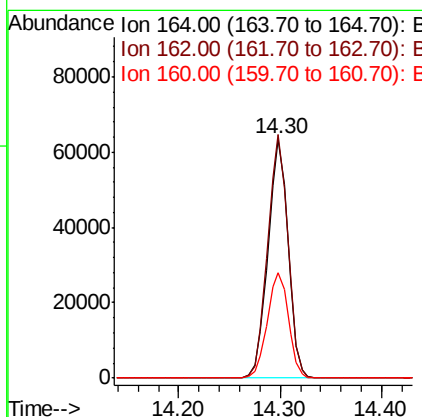
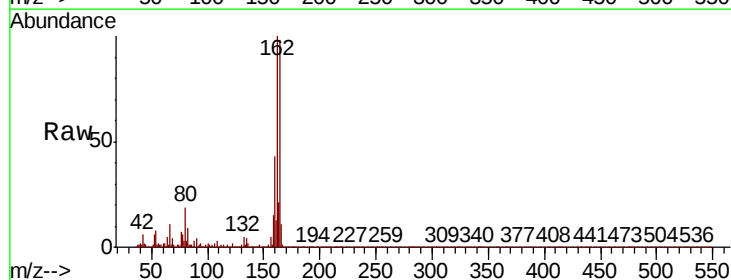
Instrument :
BNA_P
ClientSampleId :
FMI109

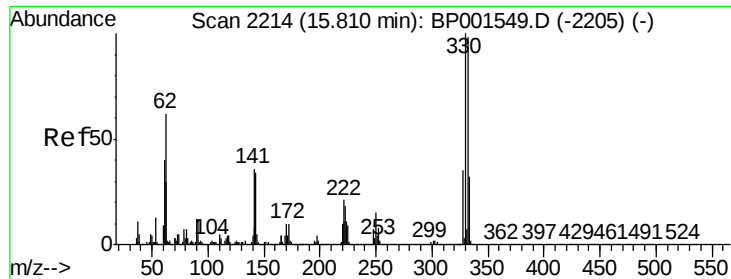
Tot Ion	82	Resp	276020
Ion Ratio	Lower	Upper	
82	100		
128	34.7	28.4	42.6
54	65.4	53.4	80.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Tgt Ion	164	Resp	87701
Ion Ratio	Lower	Upper	
164	100		
162	102.1	79.8	119.6
160	44.3	35.0	52.6

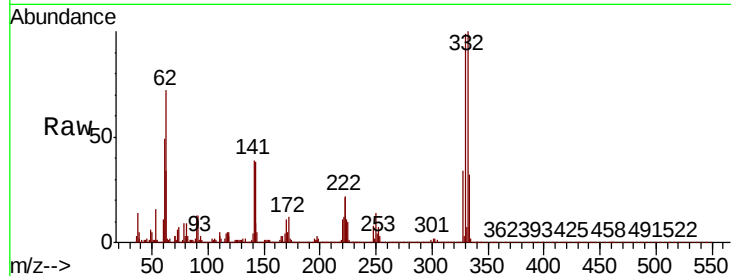




#42
2,4,6-Tribromophenol
Concen: 138.055 ng
RT: 15.80 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Instrument :
BNA_P
ClientSampleId :
FMI109

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.8	116.6
141	38.3	28.7	43.1

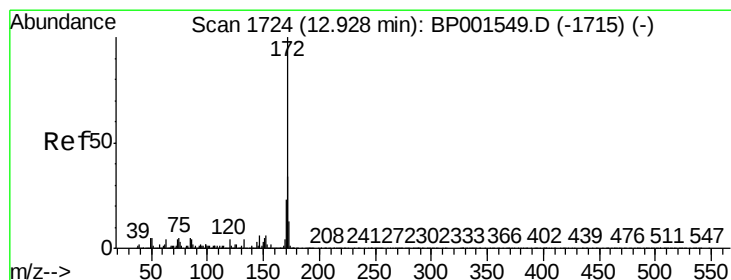
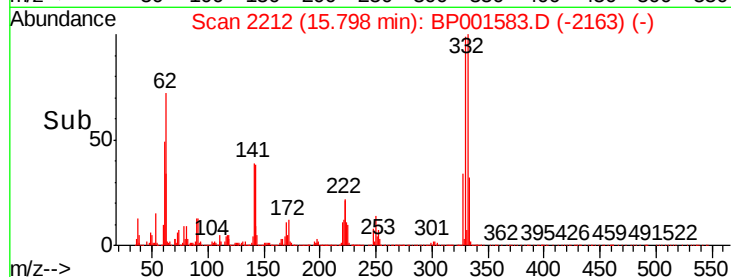
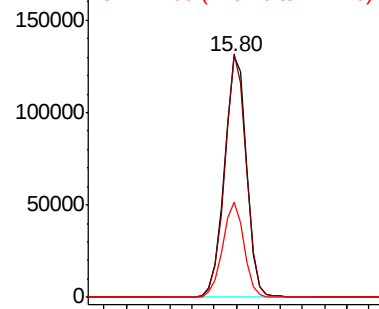


Abundance

Ion 329.80 (329.50 to 330.50): E

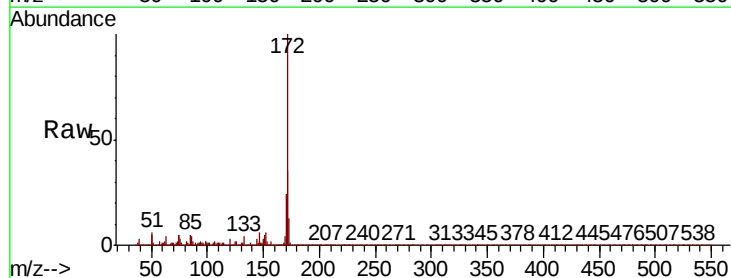
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 99.420 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001583.D
Acq: 09 Jan 2020 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	24.0	18.3	27.5

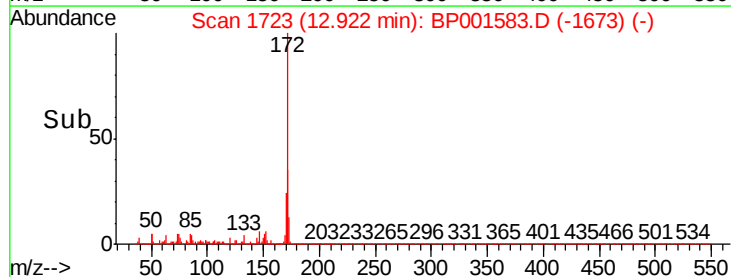
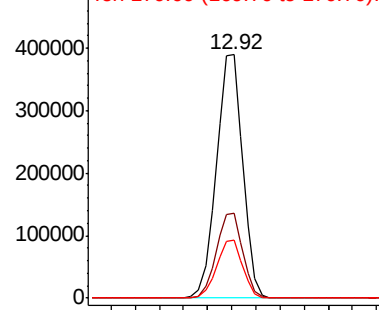


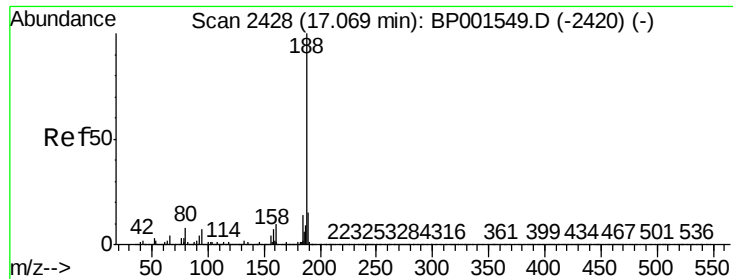
Abundance

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: 17.06 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

FMI109

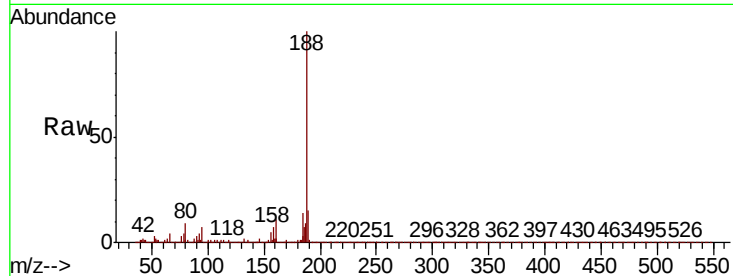
Tot Ion:188 Resp: 208212

Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 8.8 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

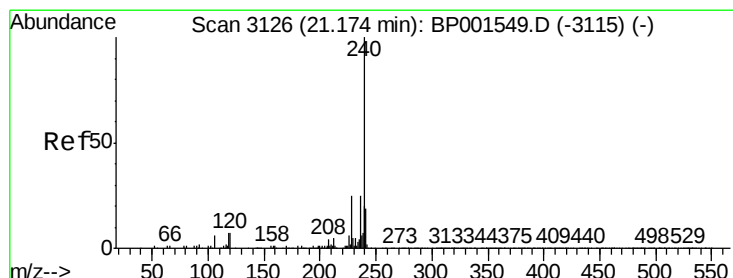
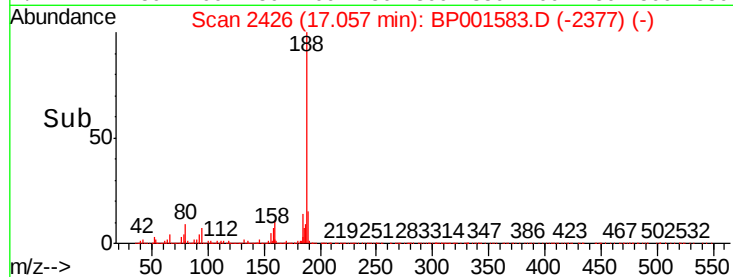
17.06

100000

50000

0

Time--> 16.95 17.00 17.05 17.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

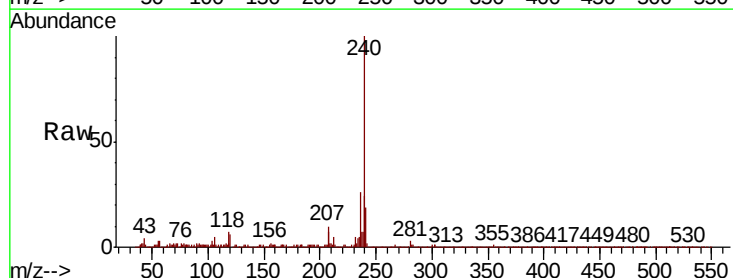
Tgt Ion:240 Resp: 174938

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 25.5 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

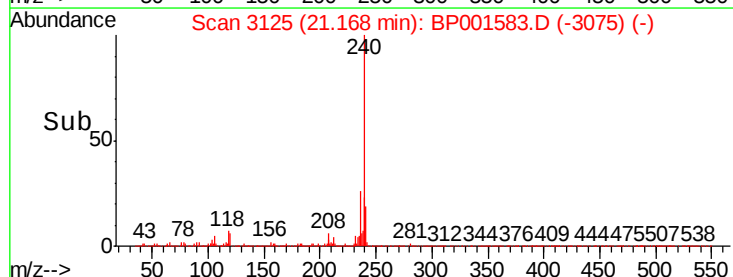
21.17

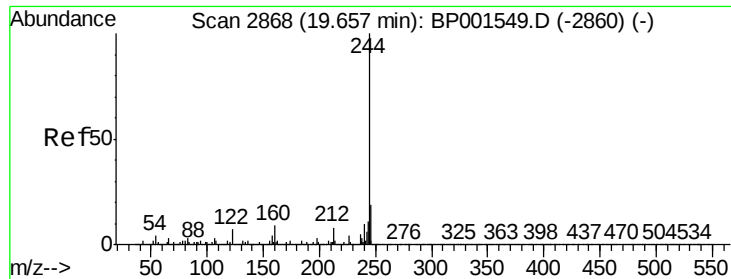
100000

50000

0

Time--> 21.10 21.15 21.20 21.25





#79

Terphenyl-d14

Concen: 102.402 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

Instrument :

BNA_P

ClientSampleId :

FMI109

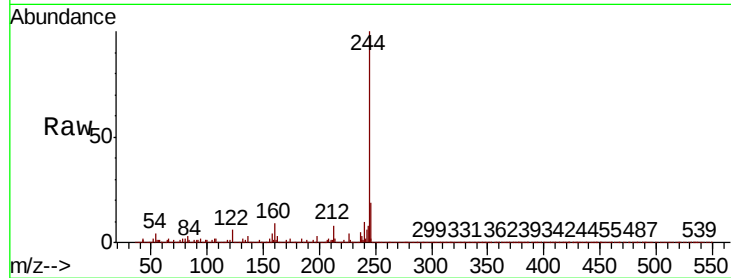
Tot Ion:244 Resp: 979421

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

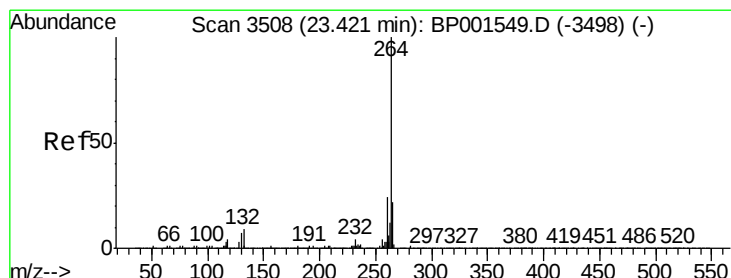
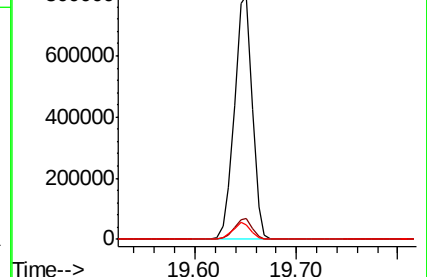
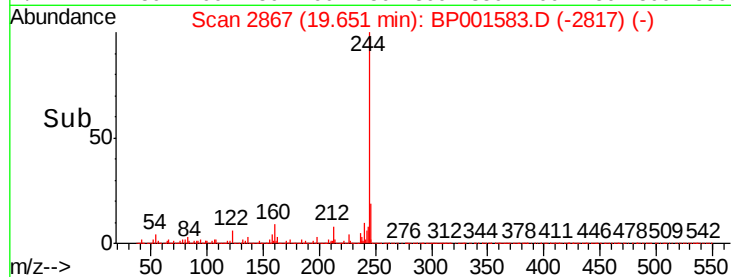
122 6.1 5.8 8.6



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: 23.43 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BP001583.D

Acq: 09 Jan 2020 17:24

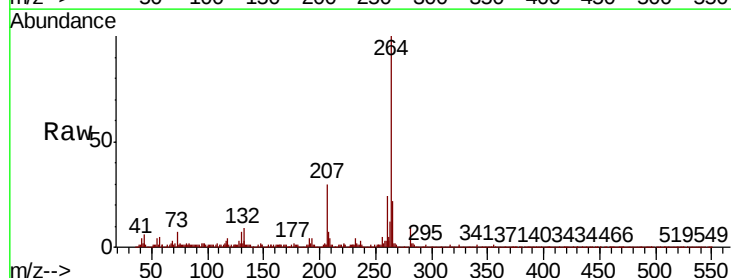
Tgt Ion:264 Resp: 172175

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.5 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

