

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
 Data File : BP003101.D
 Acq On : 25 Aug 2020 16:41
 Operator : CG/JU
 Sample : PB131201TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131201TB

Quant Time: Aug 25 17:23:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	211245	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	783057	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	449205	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	938698	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1025784	20.00	ng	0.00
86) Perylene-d12	23.39	264	1197205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1372505	114.87	ng	0.00
7) Phenol-d6	6.85	99	1568214	104.70	ng	0.00
23) Nitrobenzene-d5	8.81	82	917250	84.44	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	693453	114.14	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2658023	86.65	ng	0.00
79) Terphenyl-d14	19.63	244	3686194	79.07	ng	0.00

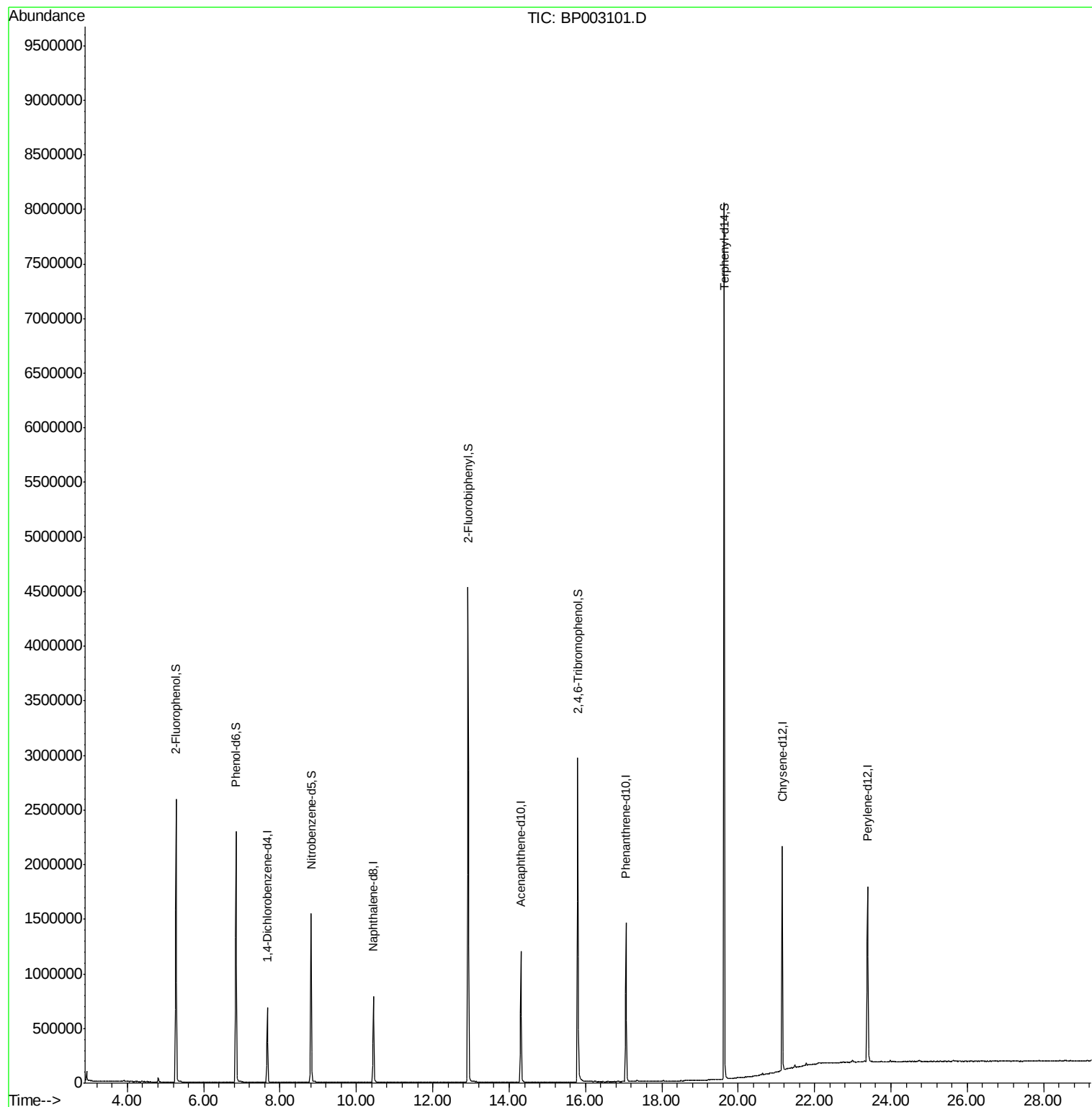
Target Compounds Qvalue

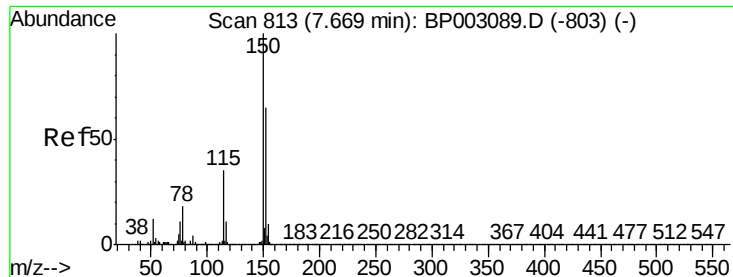
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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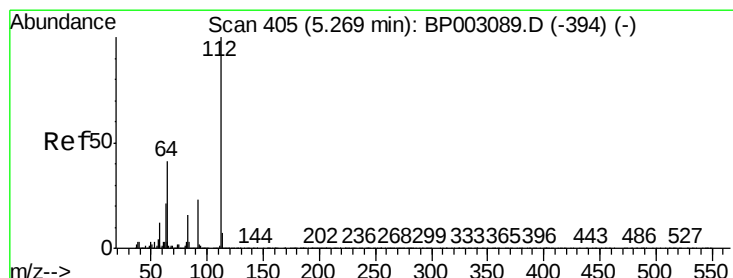
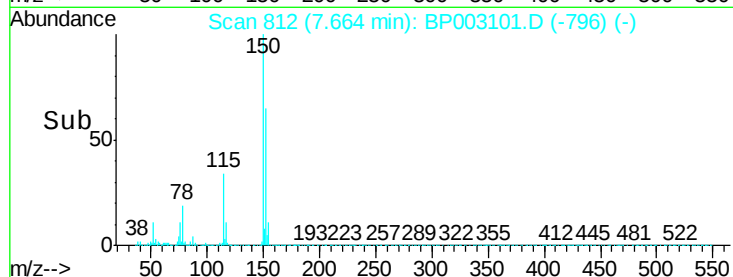
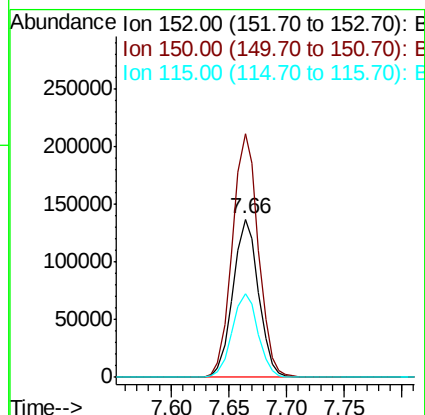
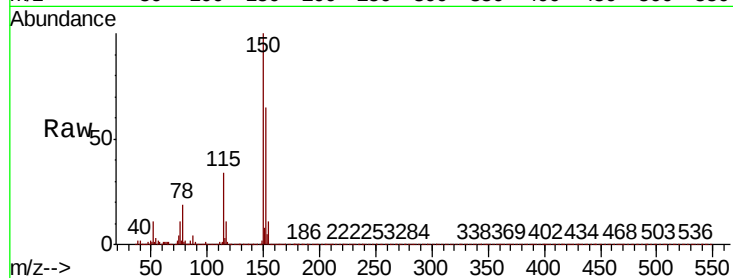


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003101.D
Acq: 25 Aug 2020 16:41

Instrument :
BNA_P
ClientSampleId :
PB131201TB

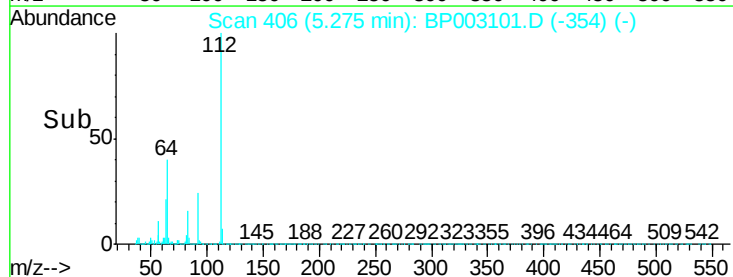
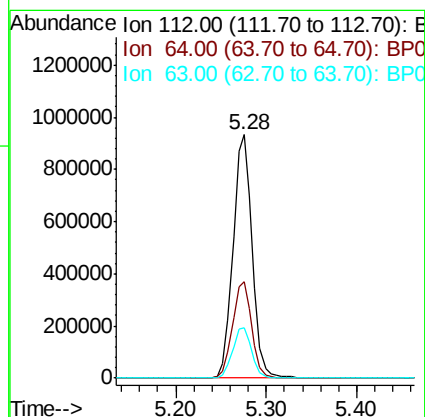
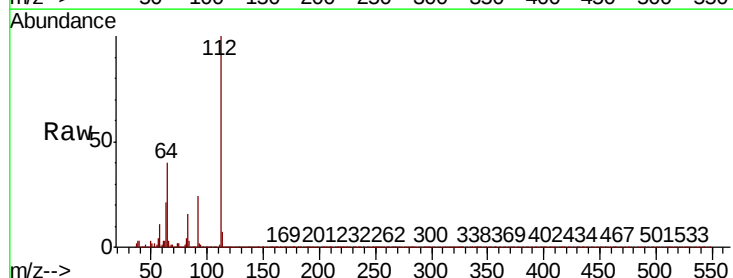
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.1	184.7
115	52.7	42.8	64.2

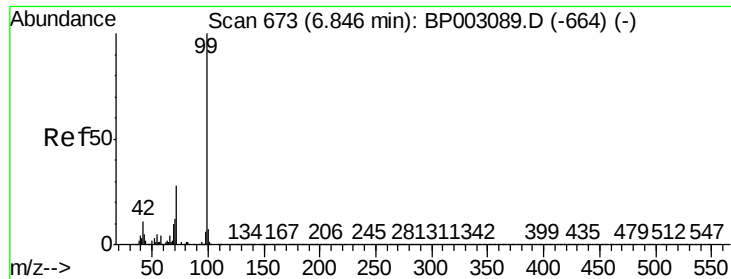


#5

2-Fluorophenol
Concen: 114.873 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003101.D
Acq: 25 Aug 2020 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.6	33.0	49.6
63	20.6	16.9	25.3





#7

Phenol-d6

Concen: 104.703 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003101.D

Acq: 25 Aug 2020 16:41

Instrument :

BNA_P

ClientSampleId :

PB131201TB

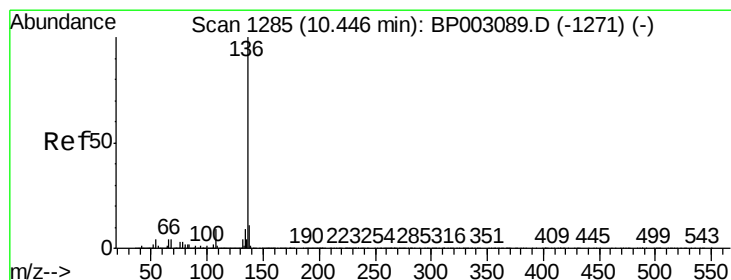
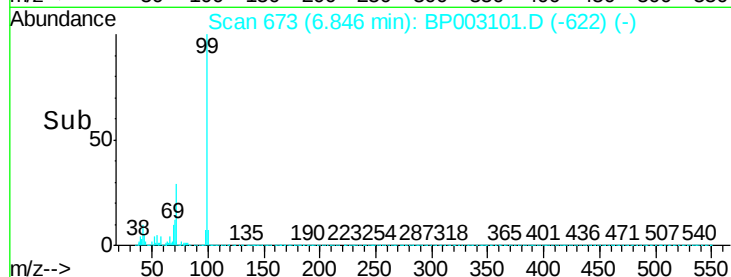
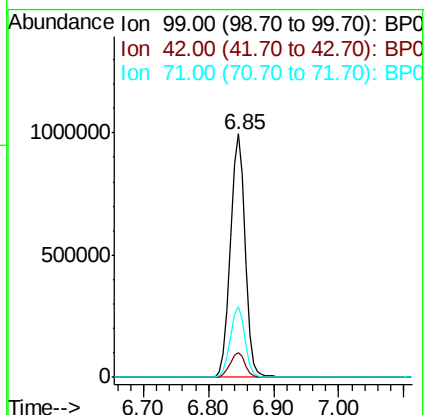
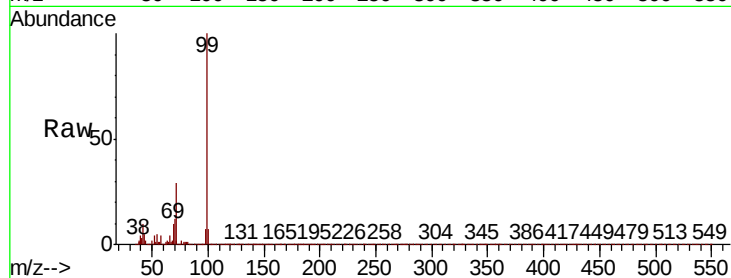
Tot Ion: 99 Resp: 1568214

Ion Ratio Lower Upper

99 100

42 10.3 8.5 12.7

71 28.8 22.8 34.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BP003101.D

Acq: 25 Aug 2020 16:41

Tgt Ion: 136 Resp: 783057

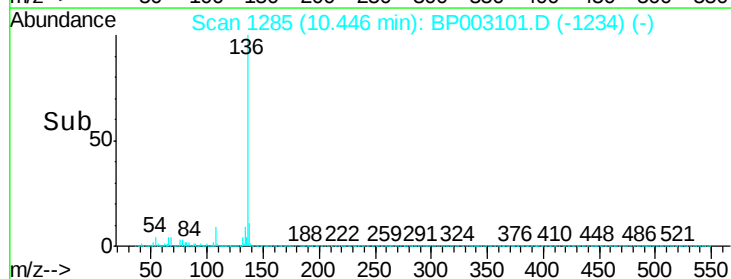
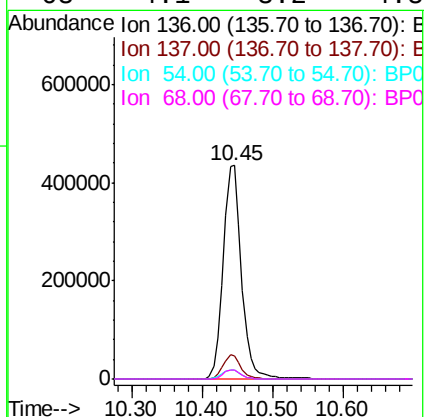
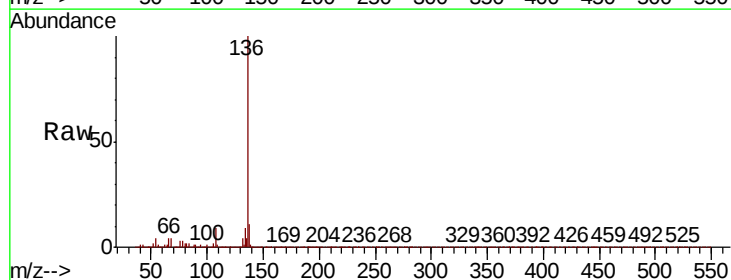
Ion Ratio Lower Upper

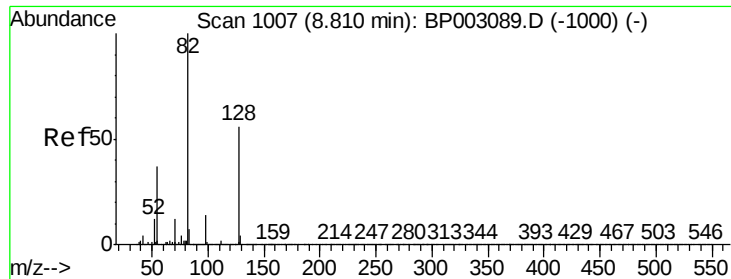
136 100

137 10.5 8.8 13.2

54 4.2 3.5 5.3

68 4.1 3.2 4.8

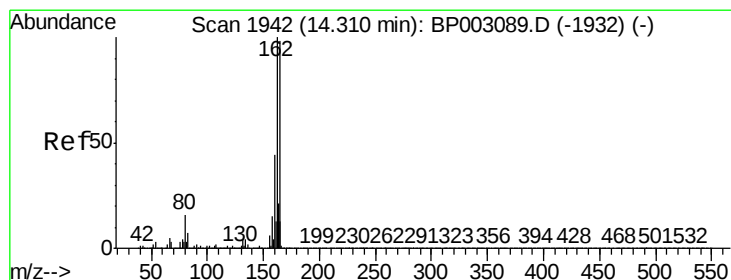
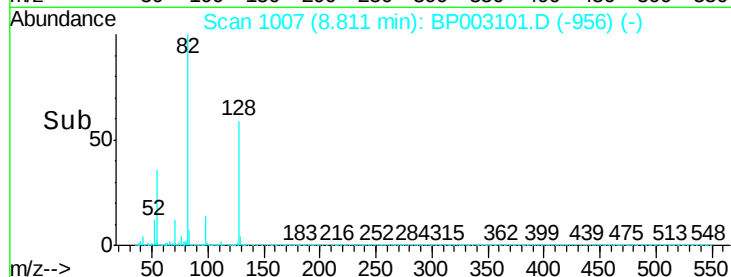
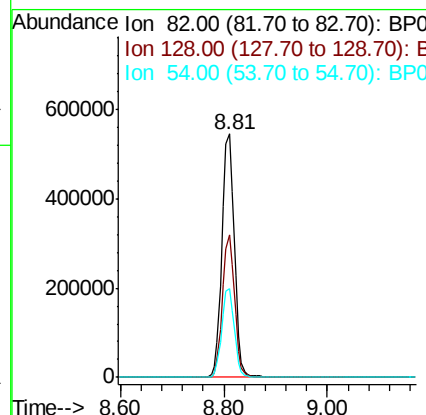
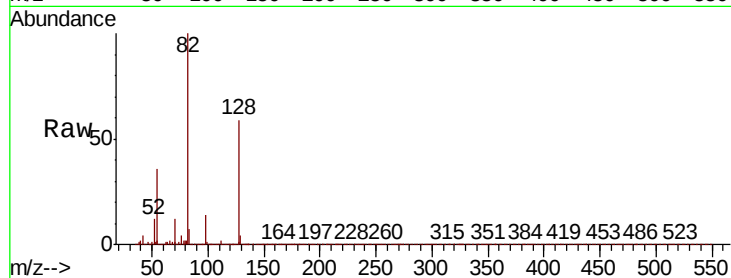




#23
 Nitrobenzene-d5
 Concen: 84.445 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003101.D
 Acq: 25 Aug 2020 16:41

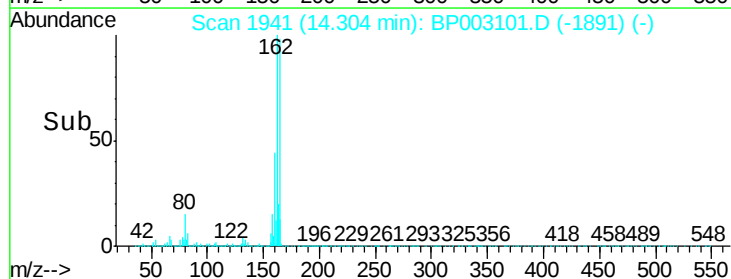
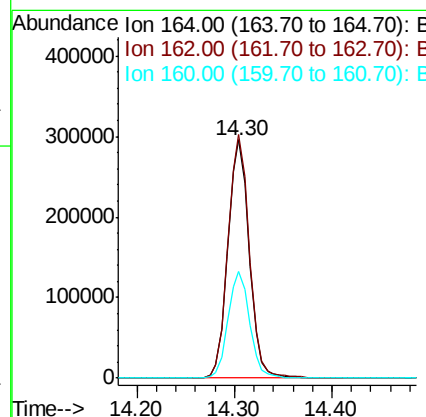
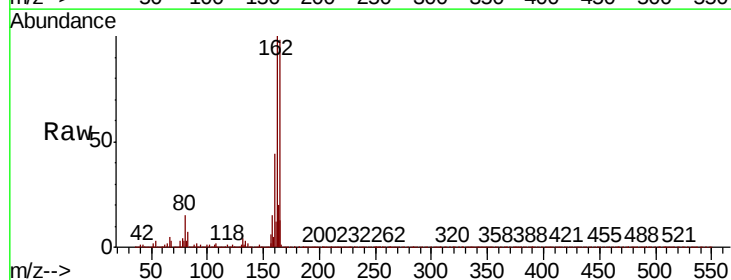
Instrument :
 BNA_P
 ClientSampleId :
 PB131201TB

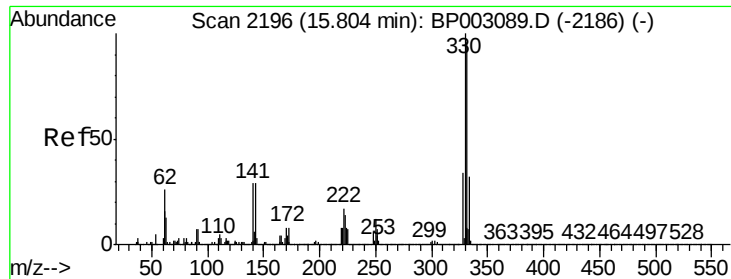
Tot Ion	82	Resp	917250
Ion Ratio	Lower	Upper	
82	100		
128	58.7	44.9	67.3
54	36.2	29.4	44.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BP003101.D
 Acq: 25 Aug 2020 16:41

Tgt Ion	164	Resp	449205
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.2	121.8
160	44.7	36.0	54.0

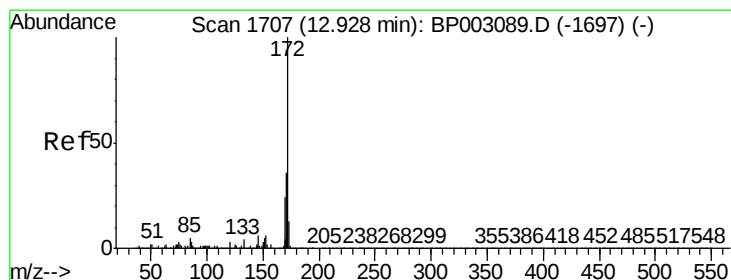
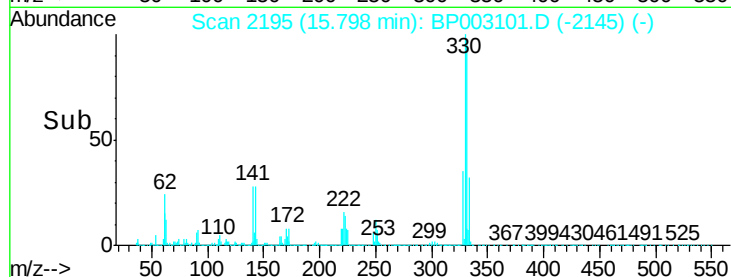
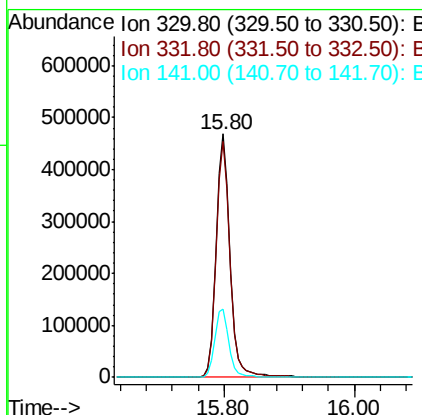
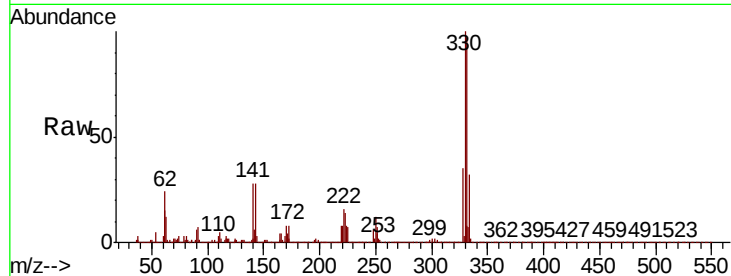




#42
 2,4,6-Tribromophenol
 Concen: 114.141 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003101.D
 Acq: 25 Aug 2020 16:41

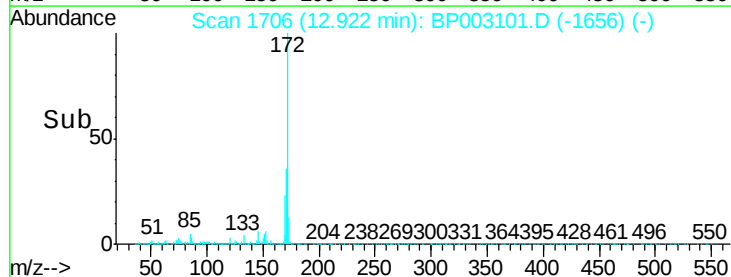
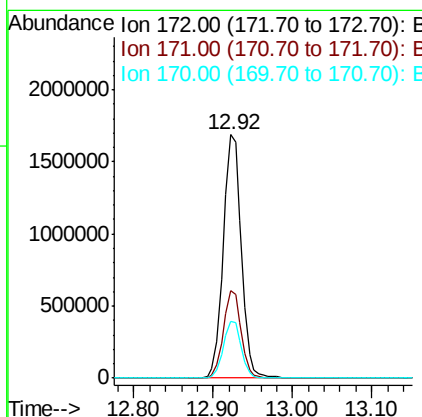
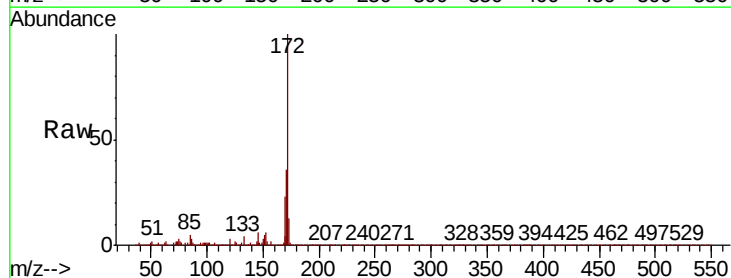
Instrument :
 BNA_P
 ClientSampleId :
 PB131201TB

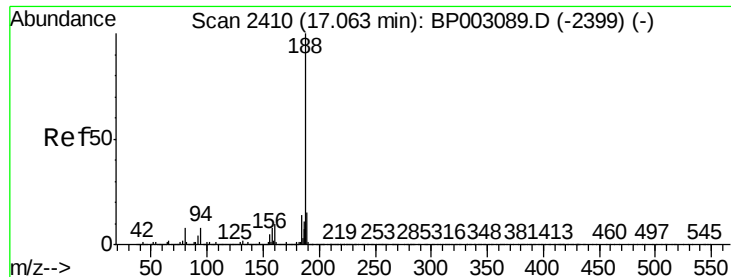
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	28.9	24.4	36.6



#45
 2-Fluorobiphenyl
 Concen: 86.654 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003101.D
 Acq: 25 Aug 2020 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	23.5	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003101.D

Acq: 25 Aug 2020 16:41

Instrument :

BNA_P

ClientSampleId :

PB131201TB

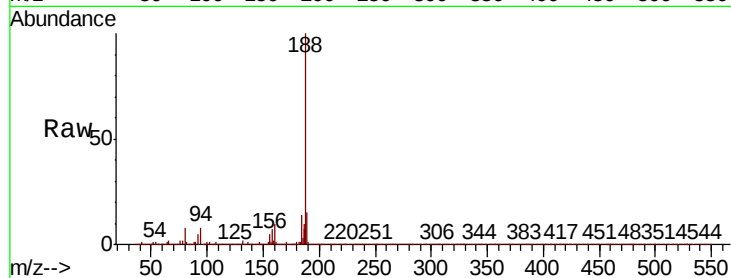
Tot Ion:188 Resp: 938698

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

80 7.5 6.4 9.6



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

800000

600000

400000

200000

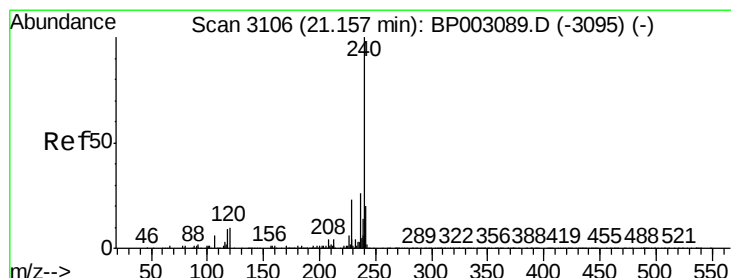
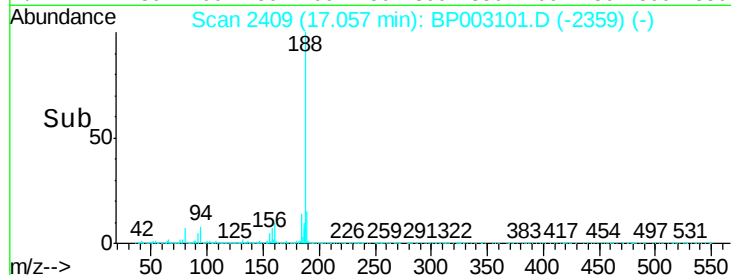
0

17.06

17.00

17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003101.D

Acq: 25 Aug 2020 16:41

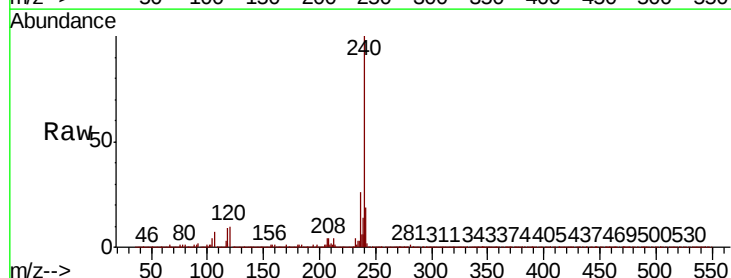
Tgt Ion:240 Resp: 1025784

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.8 20.6 31.0



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

1000000

800000

600000

400000

200000

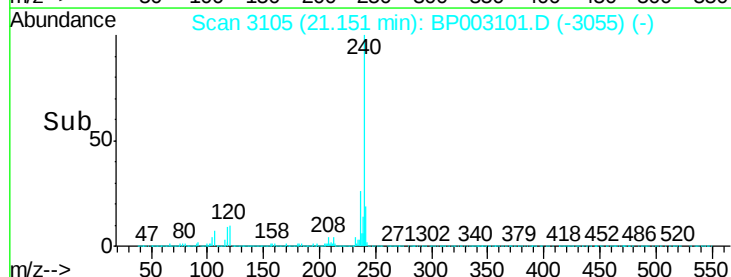
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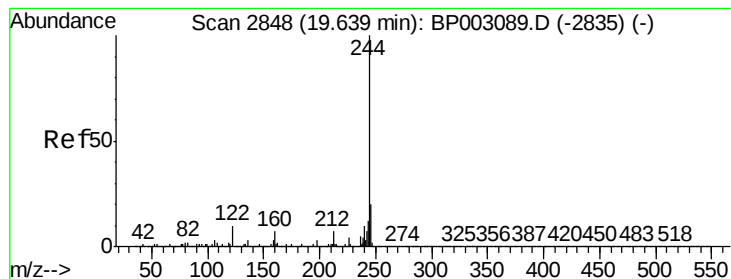
21.15

21.00

21.20

Time-->





#79

Terphenyl-d14

Concen: 79.073 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003101.D

Acq: 25 Aug 2020 16:41

Instrument :

BNA_P

ClientSampleId :

PB131201TB

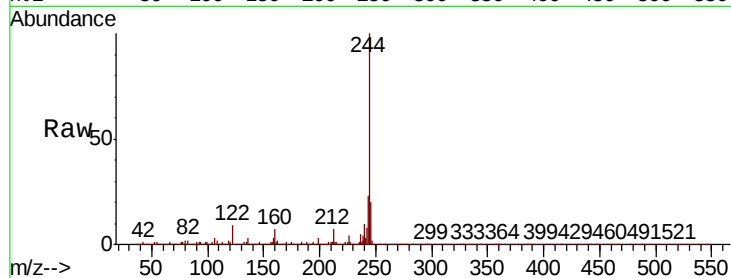
Tot Ion:244 Resp: 3686194

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.4	7.7	11.5

244 100

212 7.2 5.8 8.8

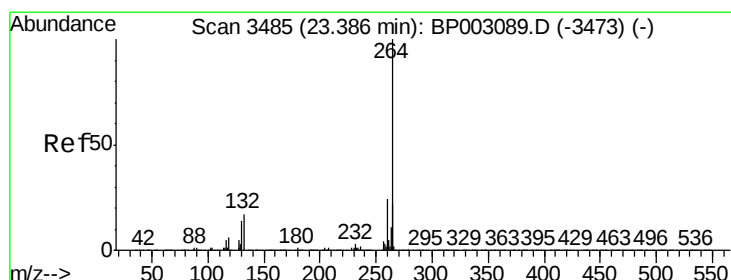
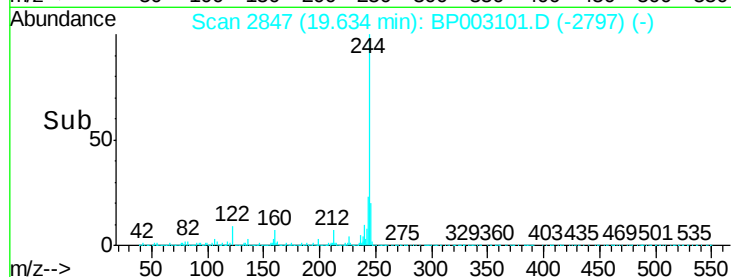
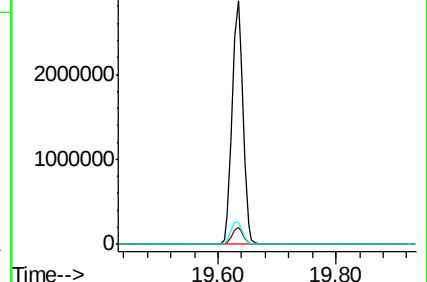
122 9.4 7.7 11.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

Delta R.T. 0.00 min

Lab File: BP003101.D

Acq: 25 Aug 2020 16:41

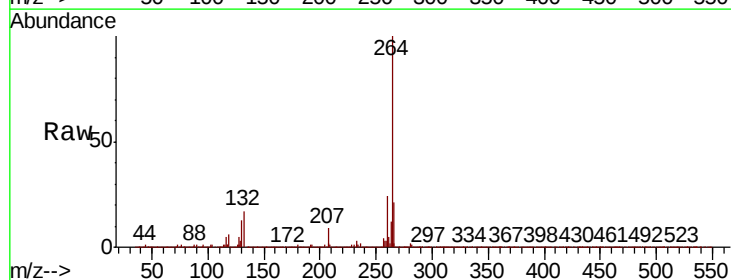
Tgt Ion:264 Resp: 1197205

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.4	17.7	26.5

264 100

260 23.5 19.0 28.6

265 21.4 17.7 26.5



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

