

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003149.D
 Acq On : 28 Aug 2020 14:14
 Operator : CG/JU
 Sample : PB131271BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131271BL

Quant Time: Aug 28 14:45:34 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

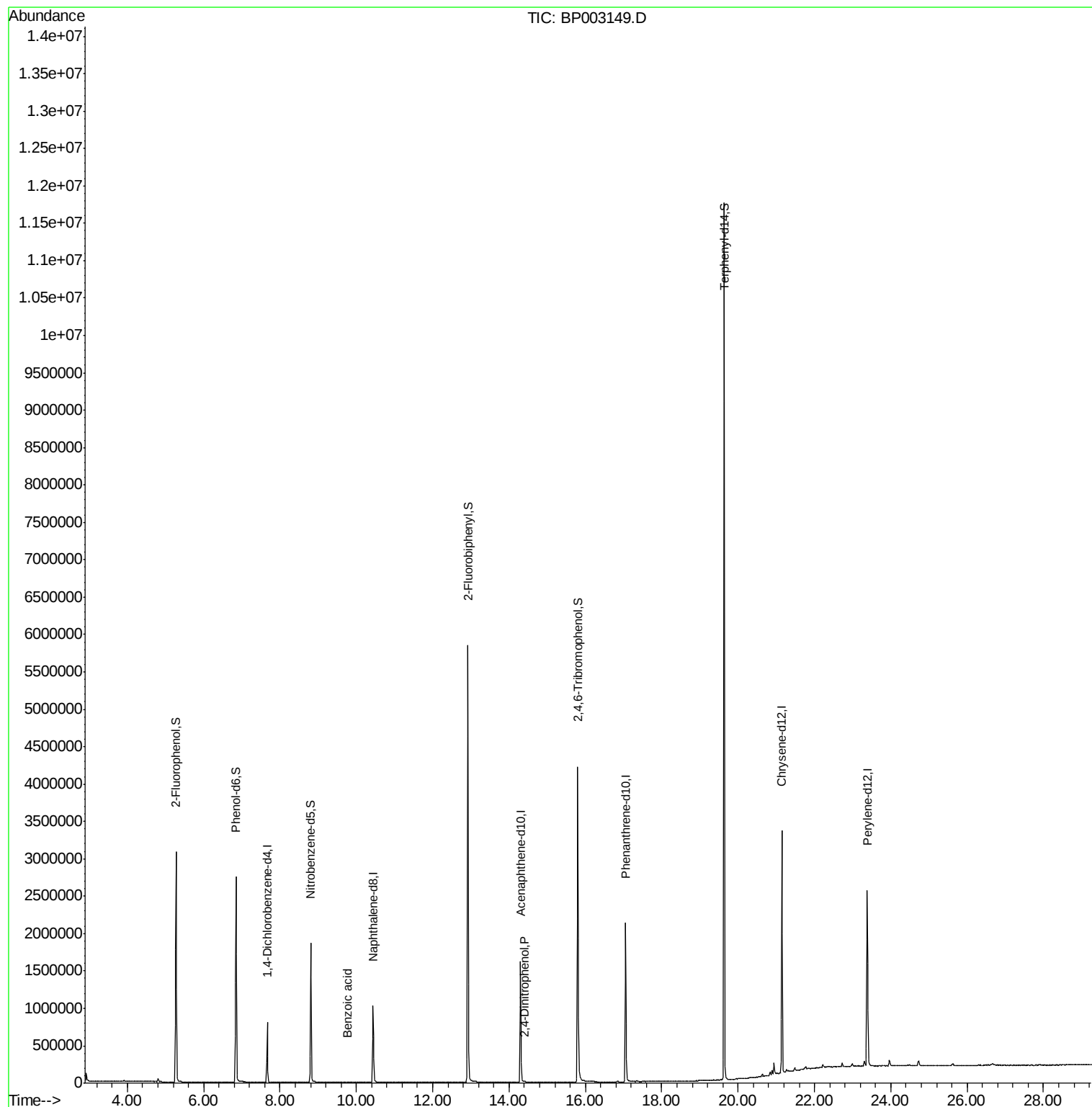
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	249641	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	995357	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	621390	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1421030	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1642721	20.00	ng	0.00
86) Perylene-d12	23.39	264	1802994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1653634	117.11	ng	0.00
7) Phenol-d6	6.85	99	1920217	108.49	ng	0.00
23) Nitrobenzene-d5	8.81	82	1138456	82.45	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1054766	125.51	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3356693	79.11	ng	0.00
79) Terphenyl-d14	19.63	244	5400406	72.34	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	13	8.998	ng	# 64
54) 2,4-Dinitrophenol	14.40	184	27	7.760	ng	# 50

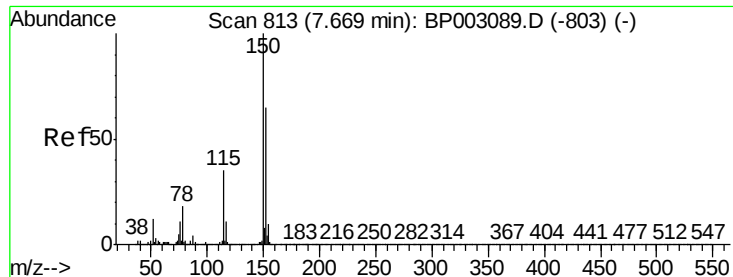
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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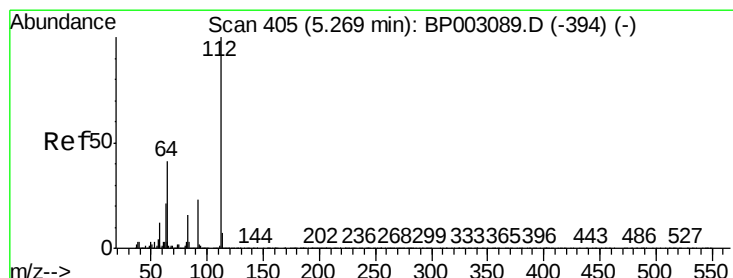
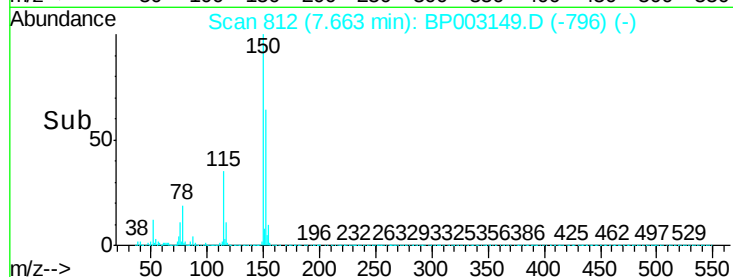
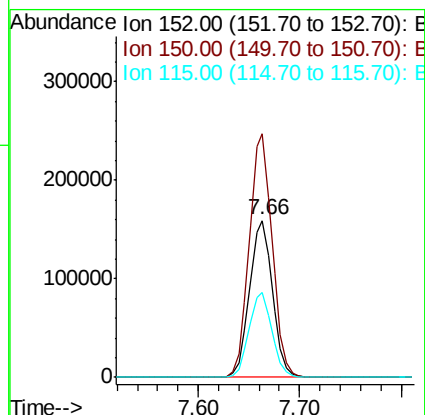
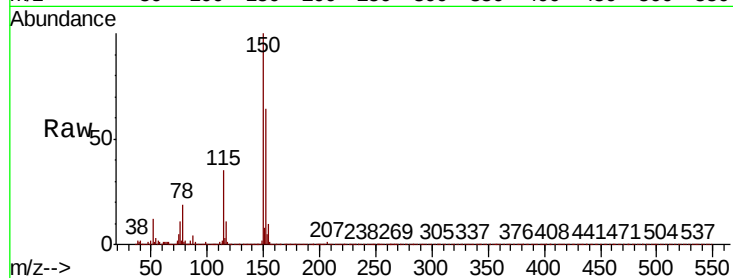


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

Instrument :
BNA_P
ClientSampleId :
PB131271BL

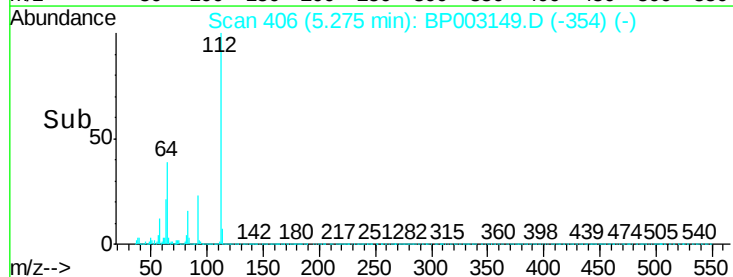
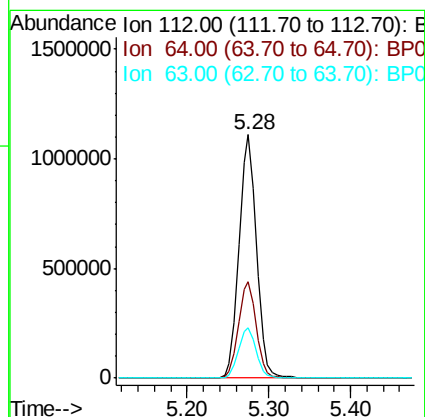
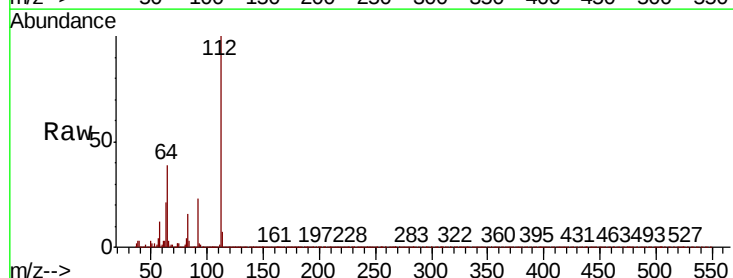
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.1	184.7
115	54.3	42.8	64.2

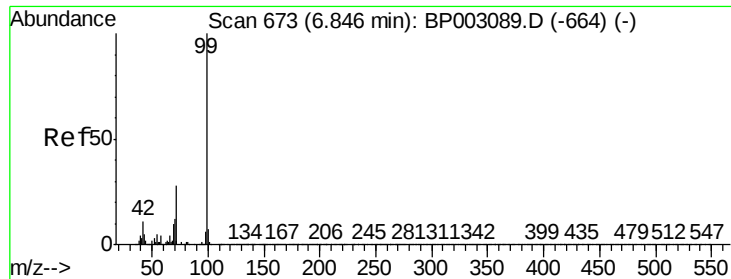


#5

2-Fluorophenol
Concen: 117.115 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.4	33.0	49.6
63	20.5	16.9	25.3





#7

Phenol-d6

Concen: 108.486 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

Instrument :

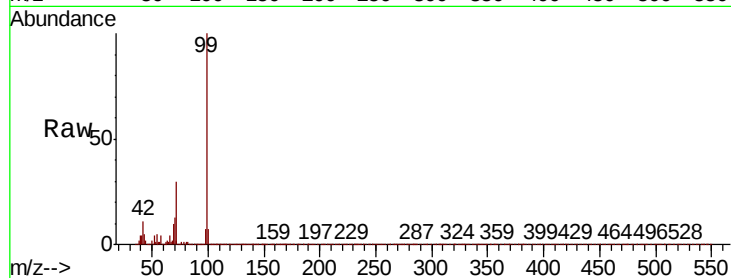
BNA_P

ClientSampleId :

PB131271BL

Tot Ion: 99 Resp: 1920217

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.9	22.8	34.2

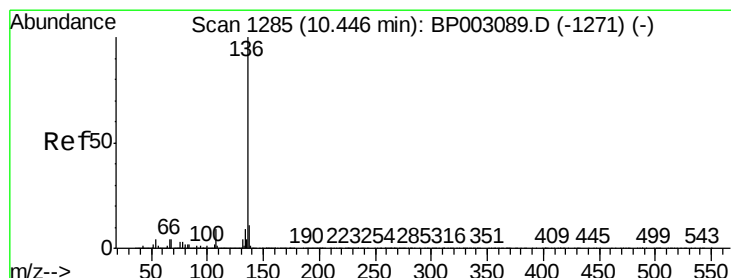
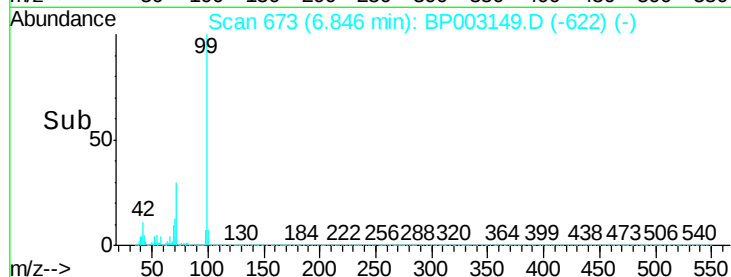


Abundance

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: 10.44 min Scan# 1284

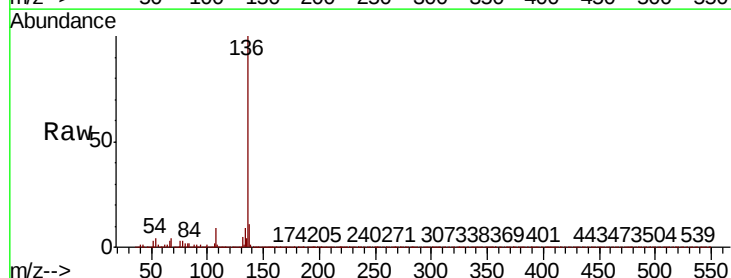
Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

Tgt Ion: 136 Resp: 995357

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.3	3.5	5.3
68	4.2	3.2	4.8



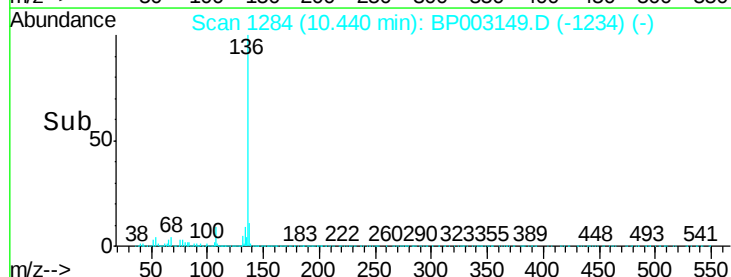
Abundance

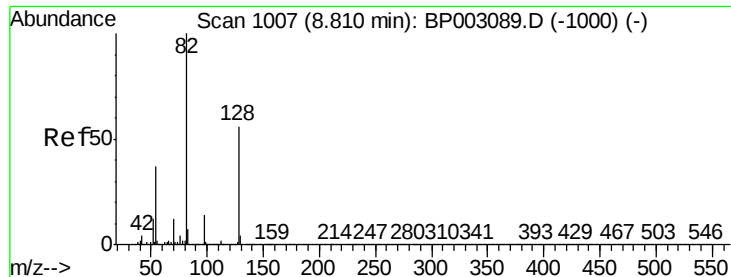
Ion 136.00 (135.70 to 136.70): E

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

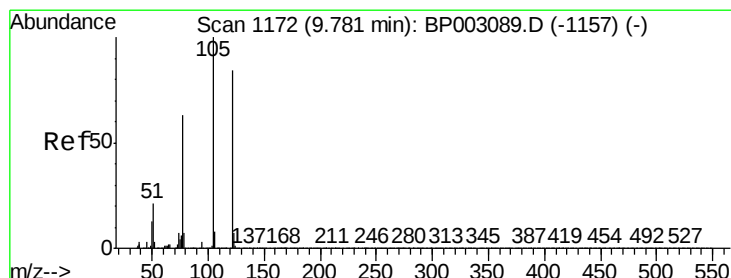
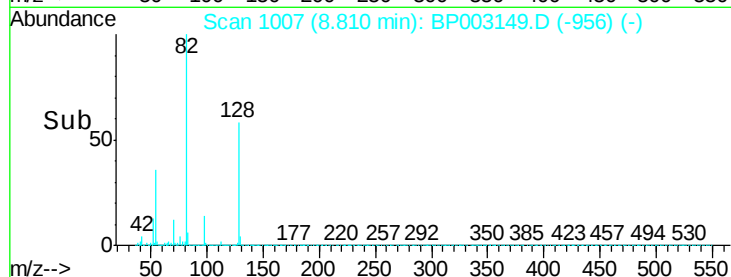
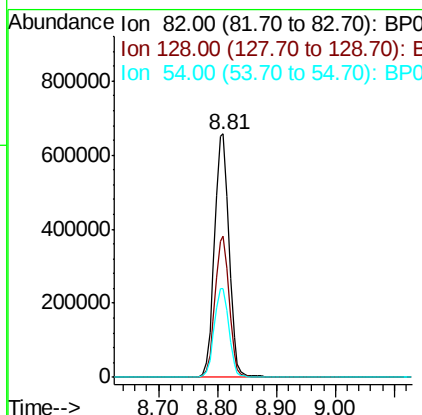
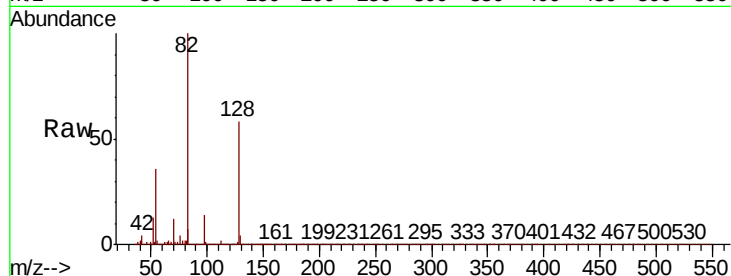




#23
Nitrobenzene-d5
Concen: 82.455 ng
RT: 8.81 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

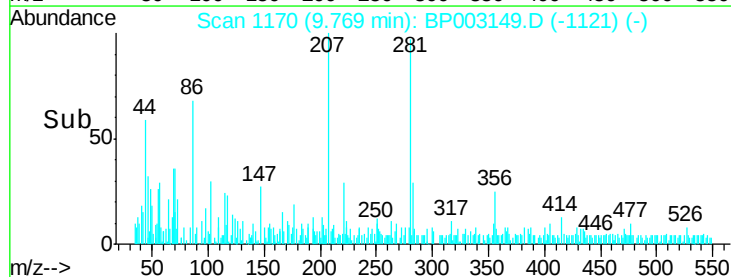
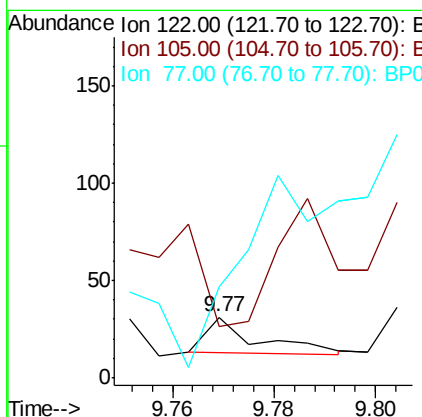
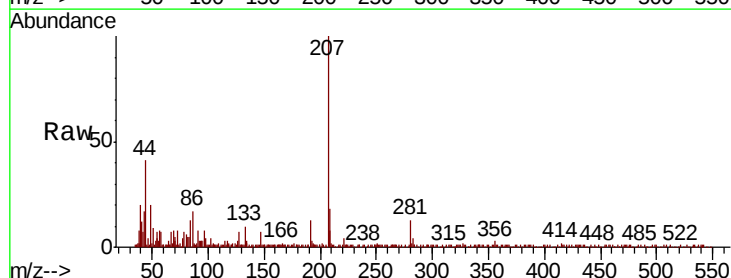
Instrument :
BNA_P
ClientSampleId :
PB131271BL

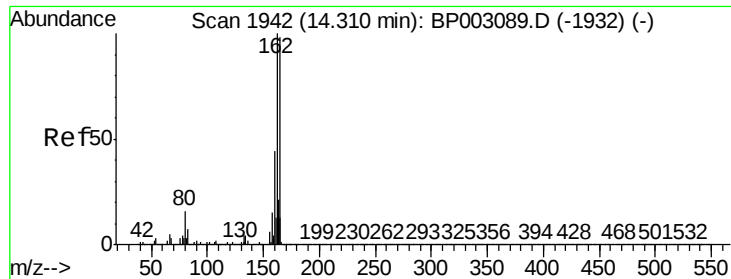
Tot Ion: 82 Resp: 1138456
Ion Ratio Lower Upper
82 100
128 58.1 44.9 67.3
54 36.4 29.4 44.2



#32
Benzoic acid
Concen: 8.998 ng
RT: 9.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

Tgt Ion: 122 Resp: 13
Ion Ratio Lower Upper
122 100
105 116.1 98.1 138.1
77 151.6 55.3 95.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

Instrument :

BNA_P

ClientSampleId :

PB131271BL

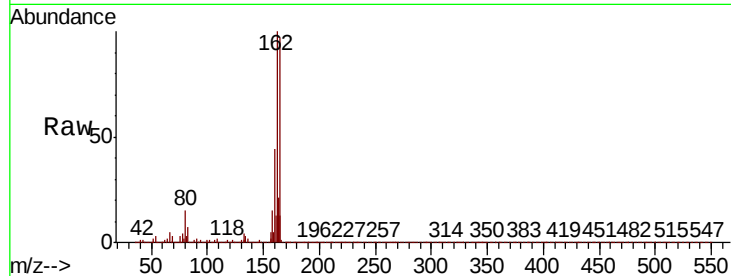
Tot Ion:164 Resp: 621390

Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

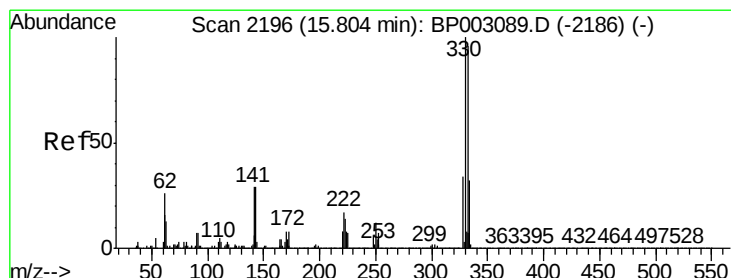
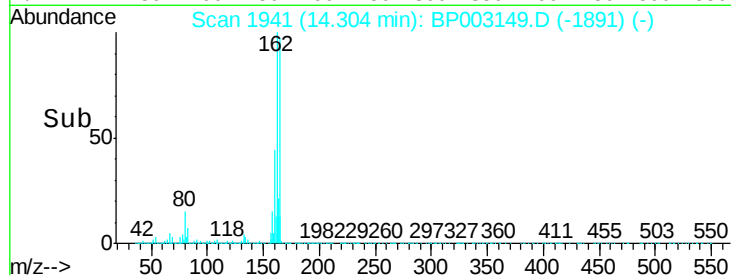
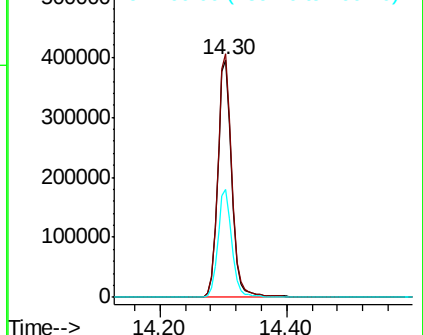
160 45.3 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 125.505 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

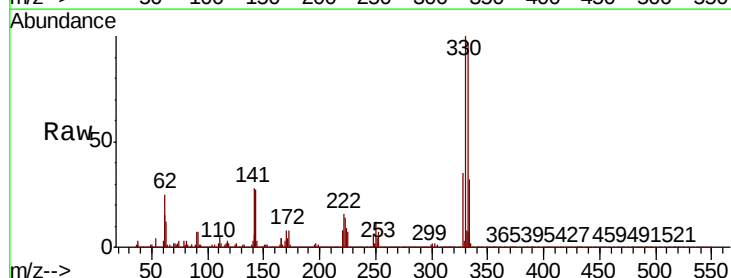
Tgt Ion:330 Resp: 1054766

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

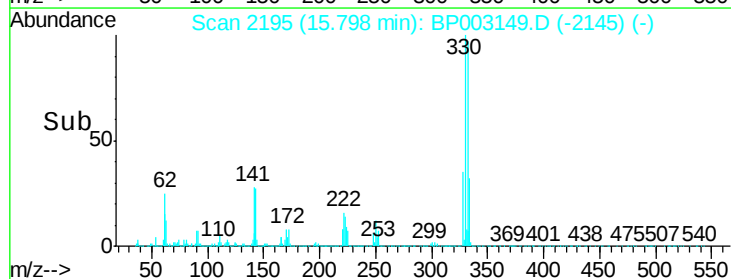
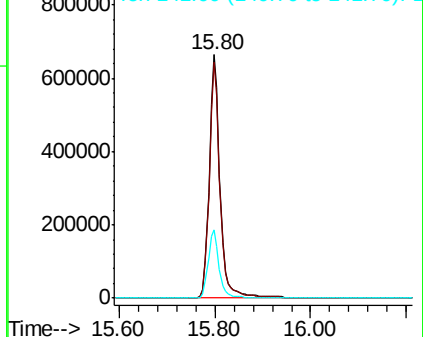
141 28.9 24.4 36.6

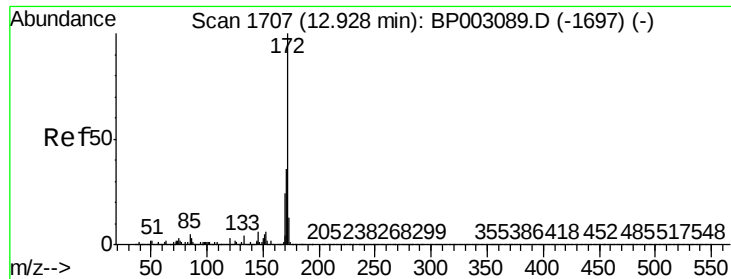


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

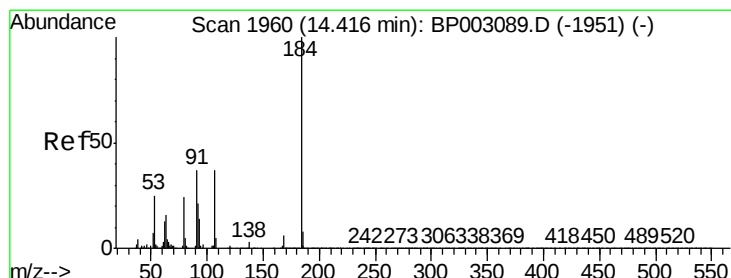
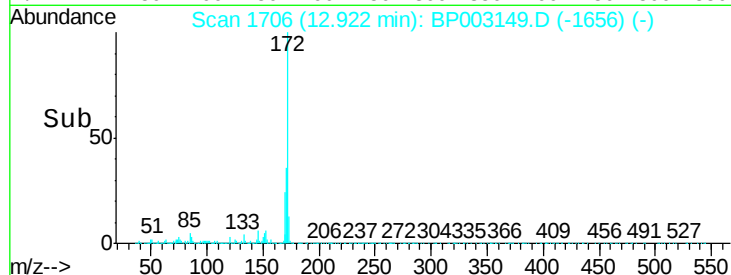
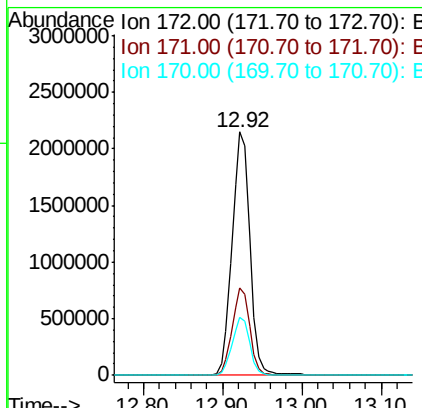
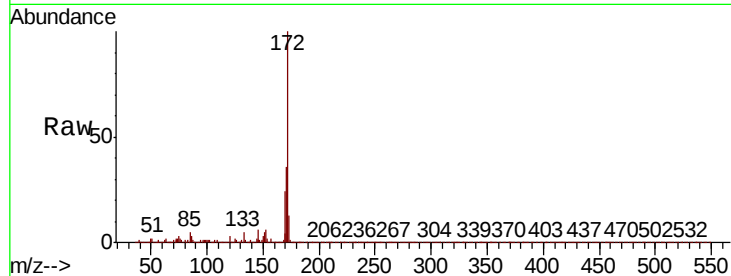




#45
2-Fluorobiphenyl
Concen: 79.108 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

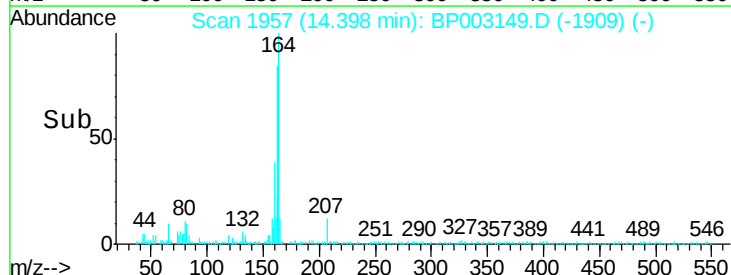
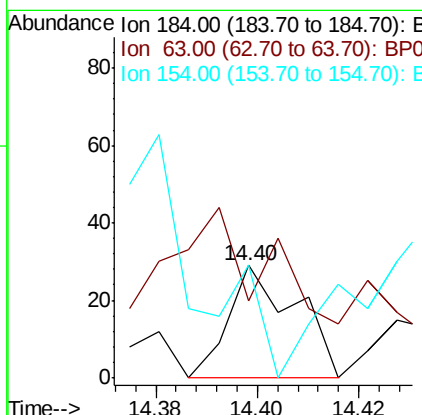
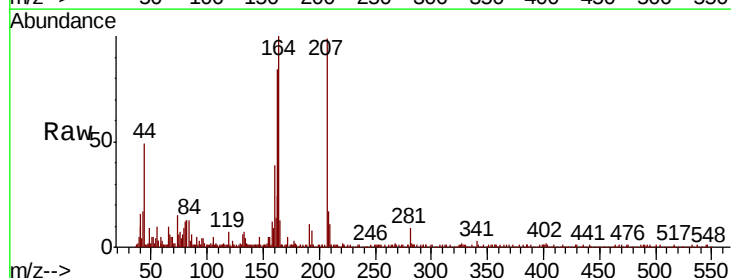
Instrument :
BNA_P
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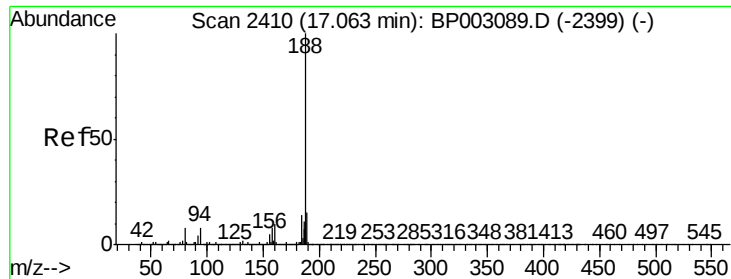
Tot Ion:172 Resp: 3356693
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.9 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.760 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BP003149.D
Acq: 28 Aug 2020 14:14

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 69.0 32.0 48.0#
154 100.0 48.2 72.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

Instrument :

BNA_P

ClientSampleId :

PB131271BL

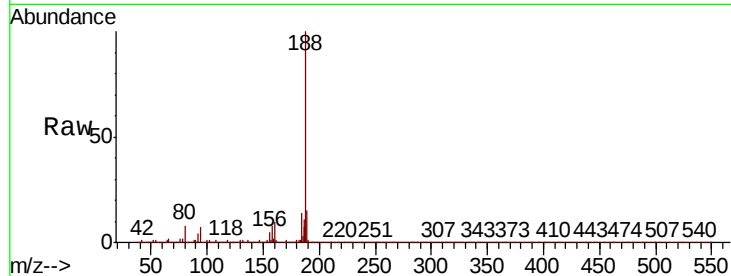
Tot Ion:188 Resp: 1421030

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

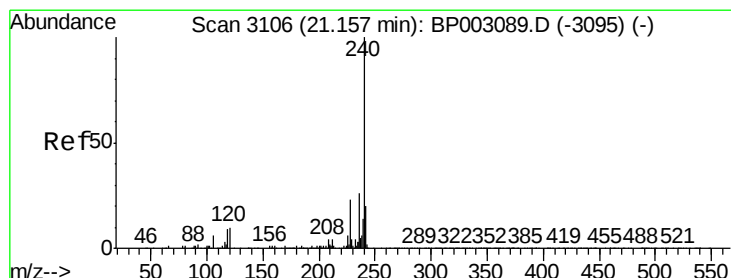
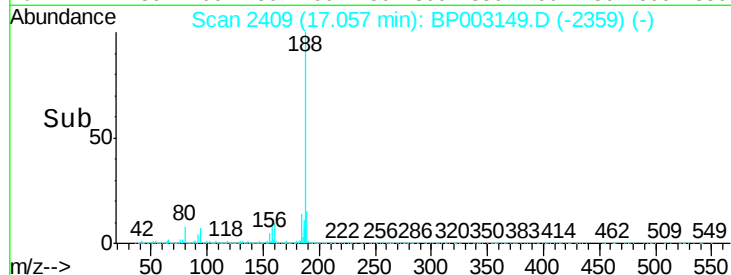
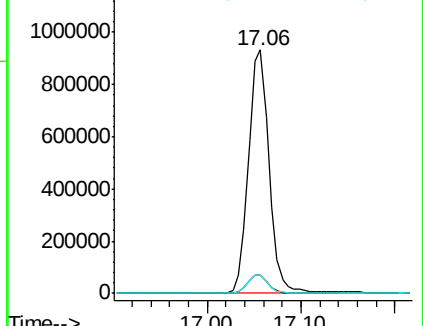
80 7.5 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003149.D

Acq: 28 Aug 2020 14:14

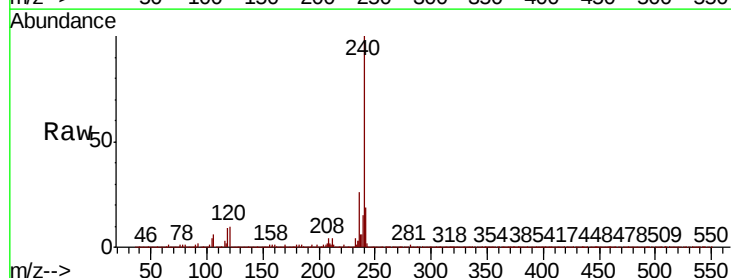
Tgt Ion:240 Resp: 1642721

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

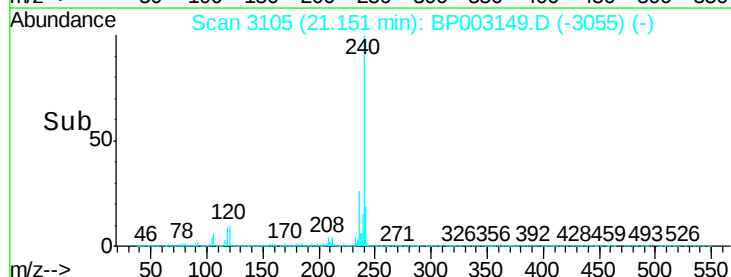
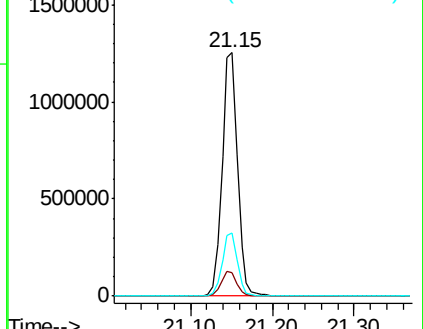
236 26.0 20.6 31.0

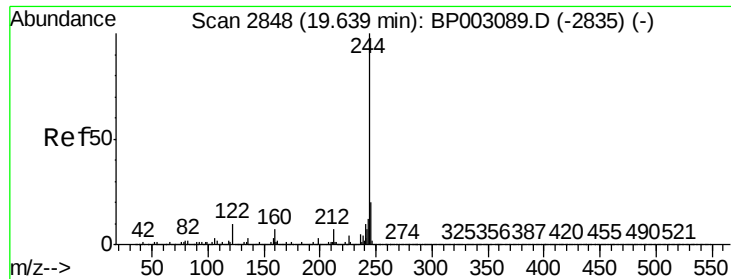


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

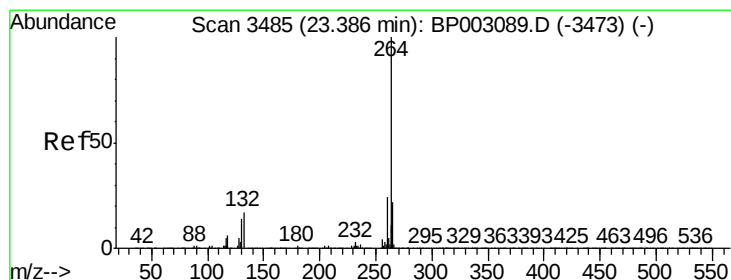
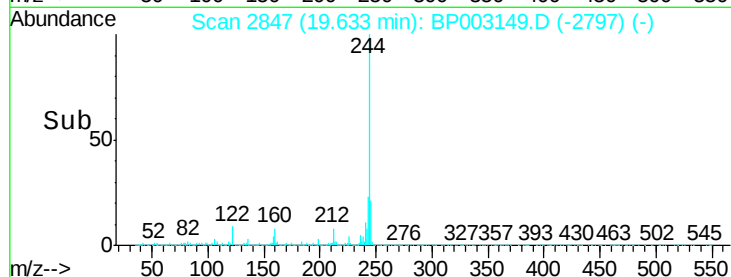
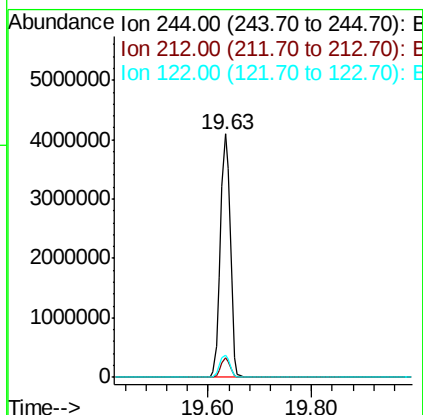
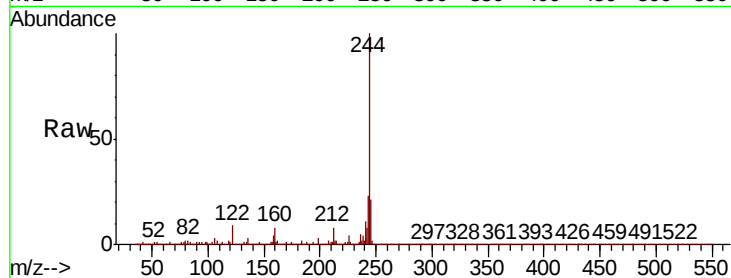




#79
 Terphenyl-d14
 Concen: 72.338 ng
 RT: 19.63 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BP003149.D
 Acq: 28 Aug 2020 14:14

Instrument :
 BNA_P
 ClientSampleId :
 PB131271BL

Tot Ion:244 Resp: 5400406
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 9.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3485
 Delta R.T. -0.00 min
 Lab File: BP003149.D
 Acq: 28 Aug 2020 14:14

Tgt Ion:264 Resp: 1802994
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.2 17.7 26.5

