

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
 Data File : BP009163.D
 Acq On : 15 Feb 2022 20:11
 Operator : CG/JU
 Sample : N1521-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2-B

Quant Time: Feb 16 01:38:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 01:29:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

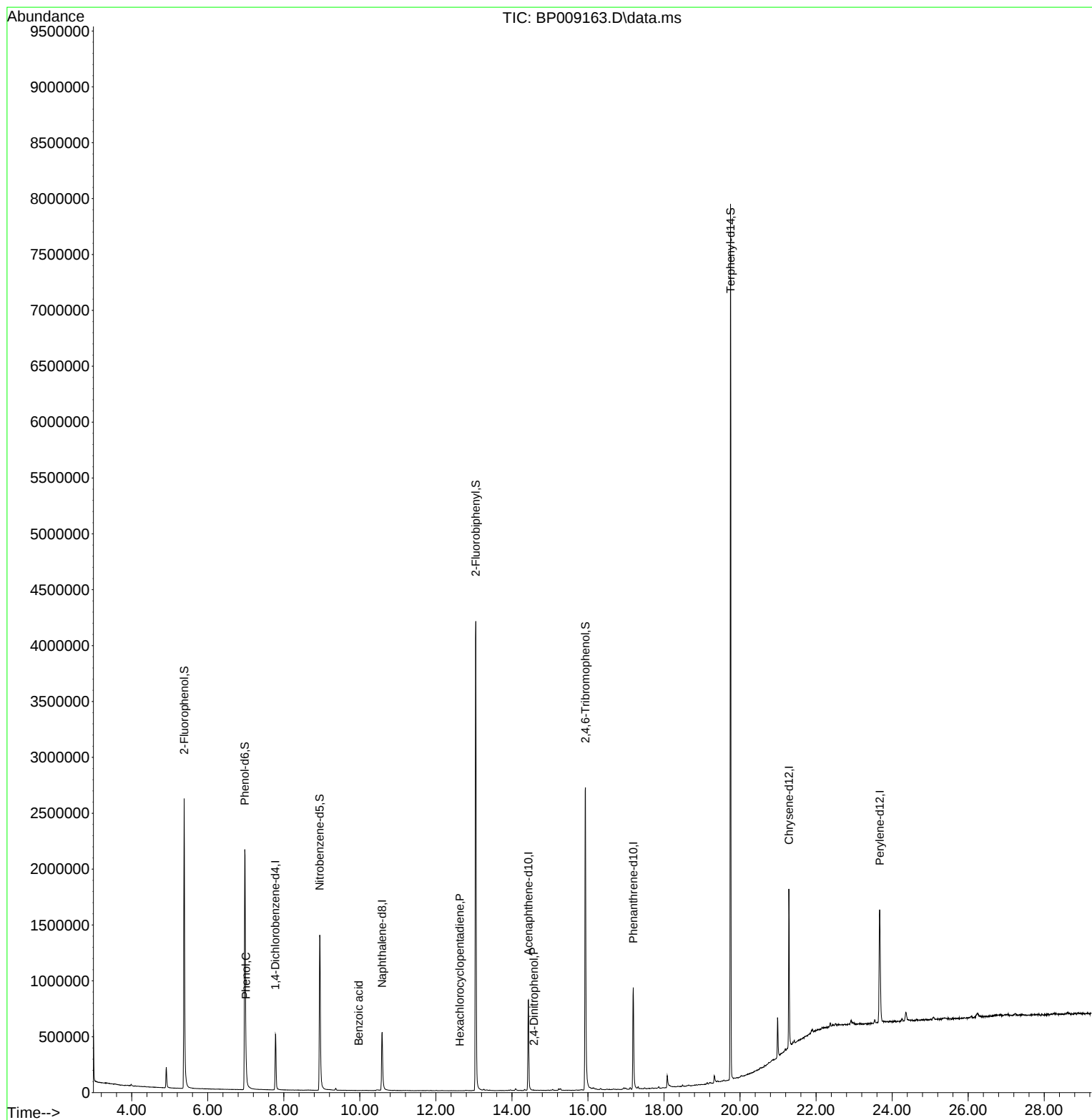
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	162310	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	586635	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	352099	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	711241	20.000	ng	0.00
76) Chrysene-d12	21.286	240	767154	20.000	ng	0.00
86) Perylene-d12	23.674	264	876825	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1377870	151.429	ng	0.00
7) Phenol-d6	6.975	99	1604186	133.798	ng	-0.01
23) Nitrobenzene-d5	8.946	82	1014705	97.544	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	708903	150.793	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	2533477	100.727	ng	0.00
79) Terphenyl-d14	19.751	244	3877879	90.904	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.005	94	28695	2.380	ng	# 35
32) Benzoic acid	9.975	122	28	2.694	ng	# 1
41) Hexachlorocyclopentadiene	12.628	237	21	8.660	ng	92
54) 2,4-Dinitrophenol	14.581	184	23	2.177	ng	# 1

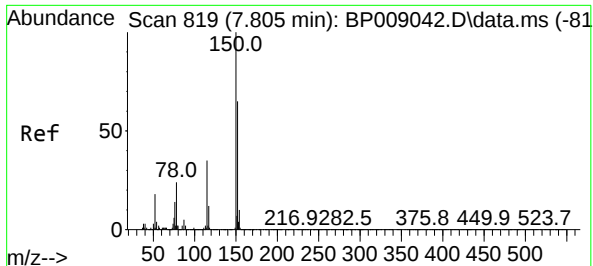
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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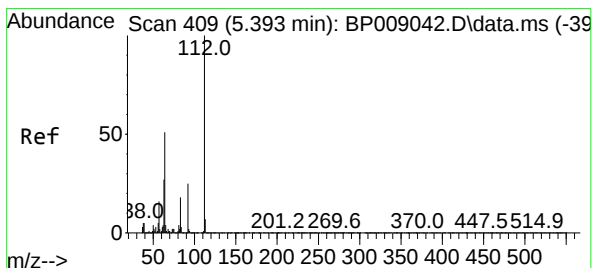
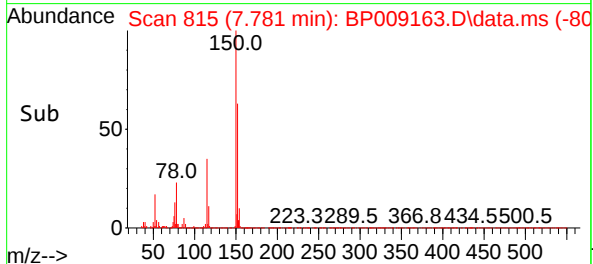
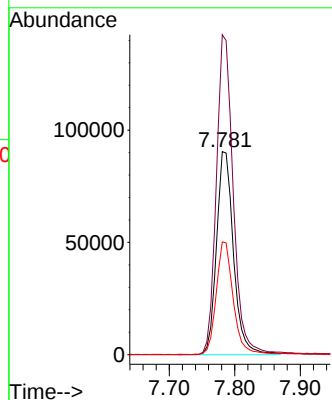
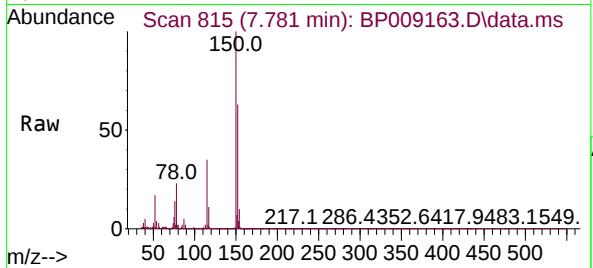




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

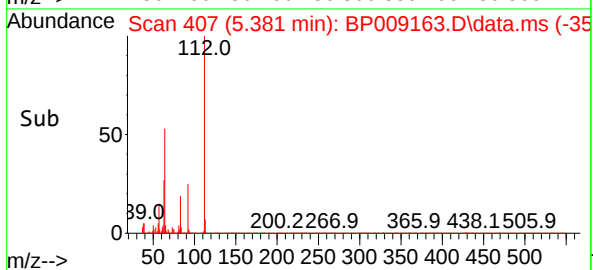
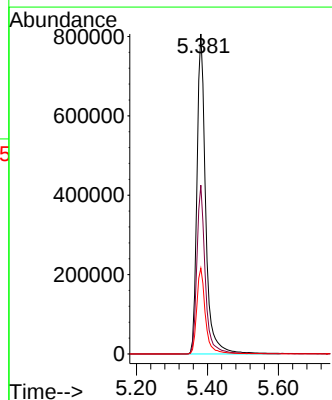
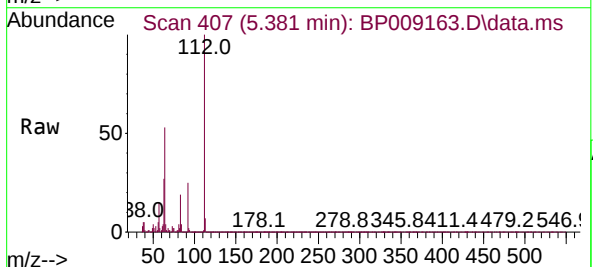
Instrument :
BNA_P
ClientSampleId :
TP2-B

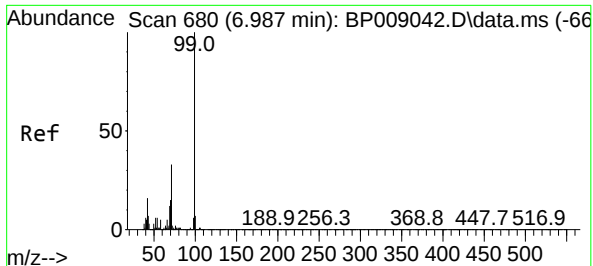
Tgt Ion:152 Resp: 162310
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.6
115 55.5 43.7 65.5



#5
2-Fluorophenol
Concen: 151.429 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

Tgt Ion:112 Resp: 1377870
Ion Ratio Lower Upper
112 100
64 52.8 39.7 59.5
63 26.8 20.0 30.0

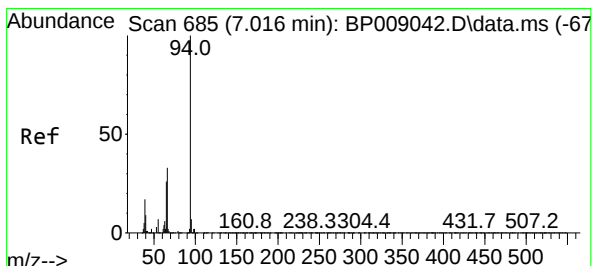
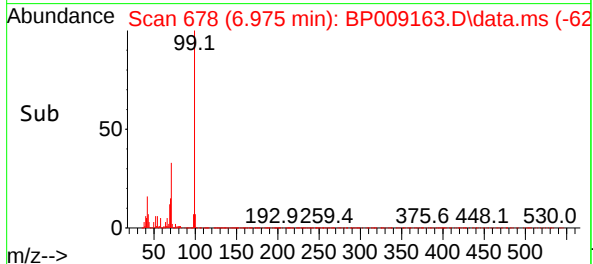
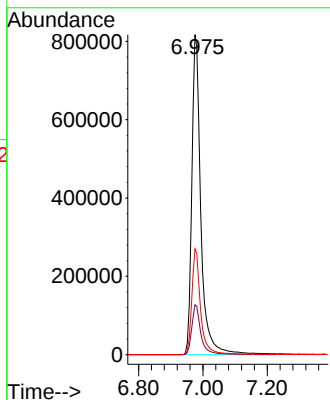
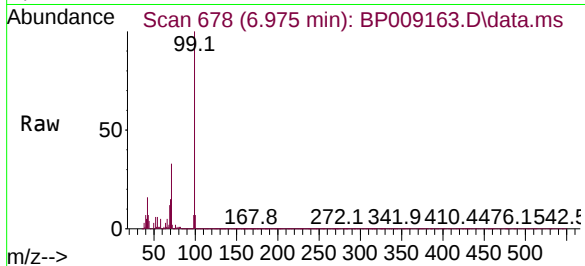




#7
Phenol-d6
Concen: 133.798 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

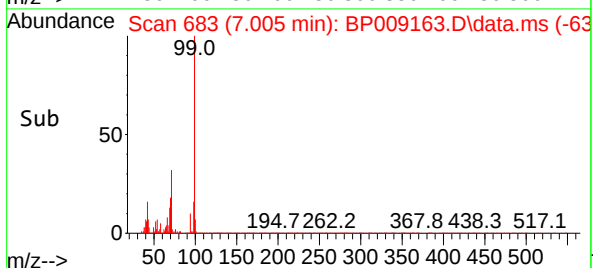
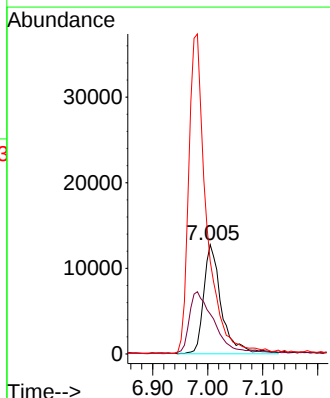
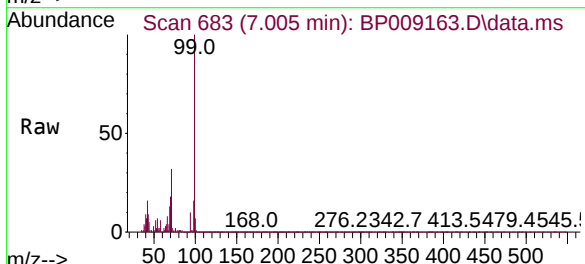
Instrument :
BNA_P
ClientSampleId :
TP2-B

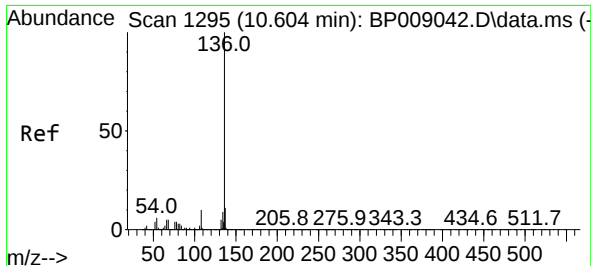
Tgt Ion: 99 Resp: 1604186
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 33.0 23.8 35.6



#10
Phenol
Concen: 2.380 ng
RT: 7.005 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

Tgt Ion: 94 Resp: 28695
Ion Ratio Lower Upper
94 100
65 36.6 4.1 44.1
66 85.0 12.4 52.4#

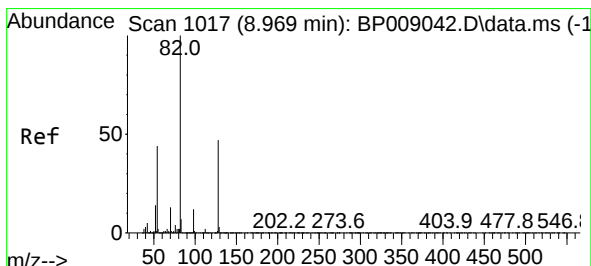
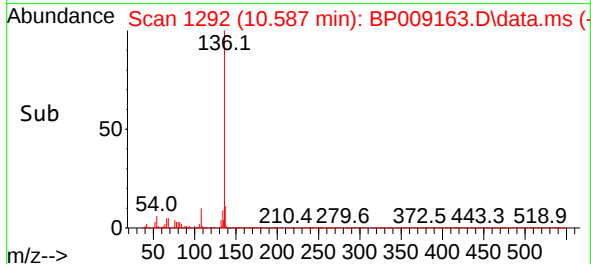
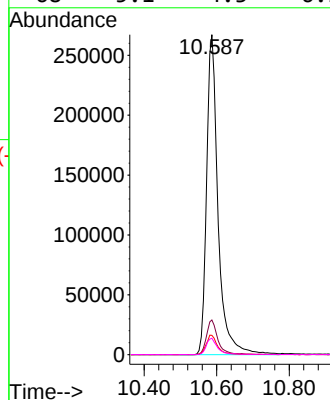
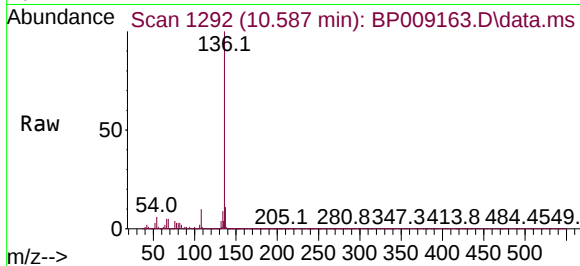




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

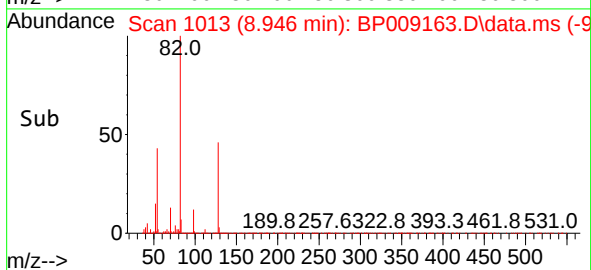
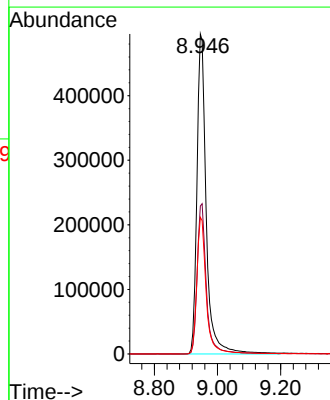
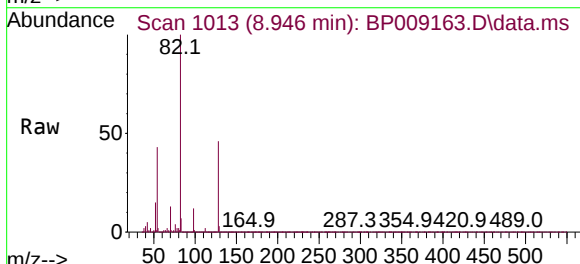
Instrument :
BNA_P
ClientSampleId :
TP2-B

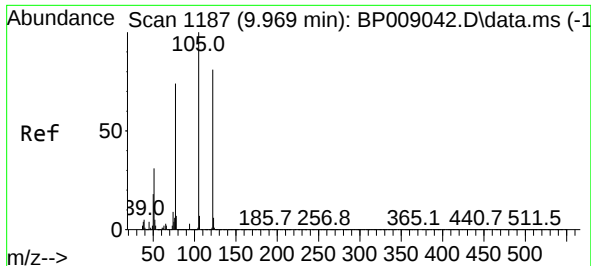
Tgt Ion:	136	Resp:	586635
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	6.0	4.9	7.3
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 97.544 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

Tgt Ion:	82	Resp:	1014705
Ion Ratio	Lower	Upper	
82	100		
128	46.2	39.4	59.2
54	42.7	32.6	48.8

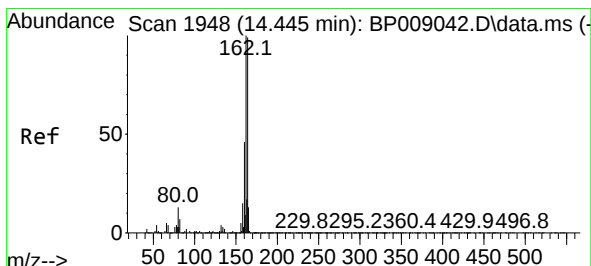
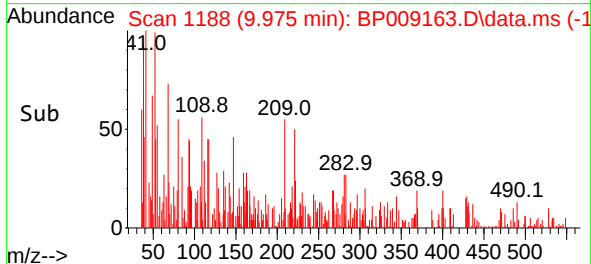
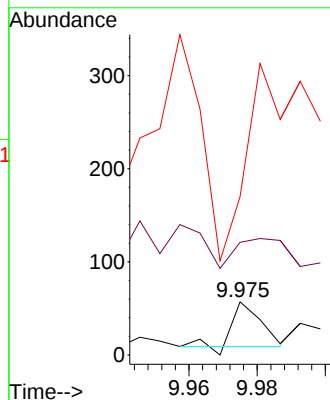
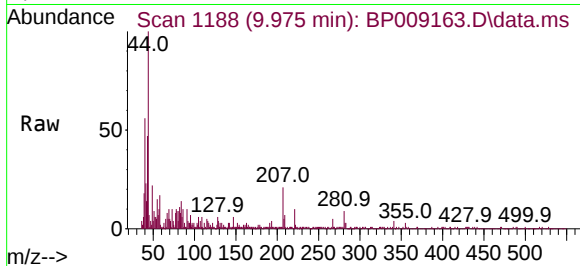




#32
Benzoic acid
Concen: 2.694 ng
RT: 9.975 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

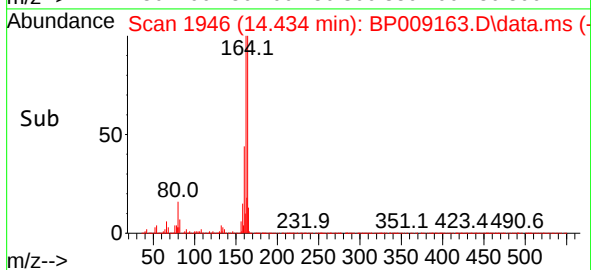
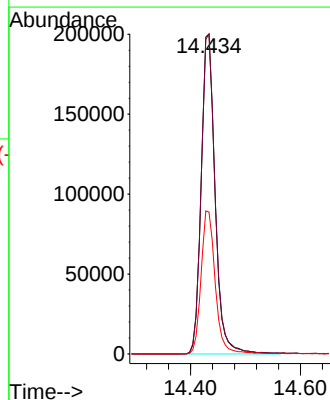
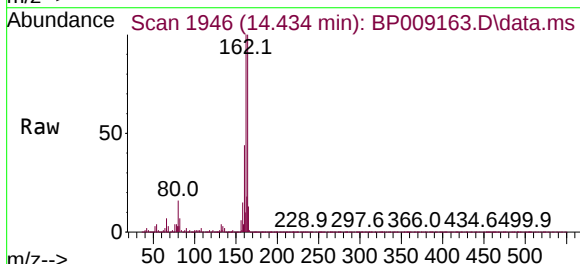
Instrument :
BNA_P
ClientSampleId :
TP2-B

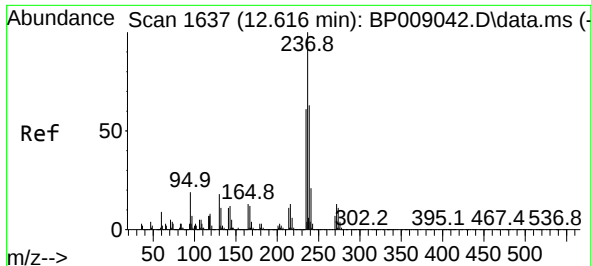
Tgt Ion:122 Resp: 28
Ion Ratio Lower Upper
122 100
105 212.3 100.1 140.1#
77 298.2 65.5 105.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

Tgt Ion:164 Resp: 352099
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.3 35.5 53.3

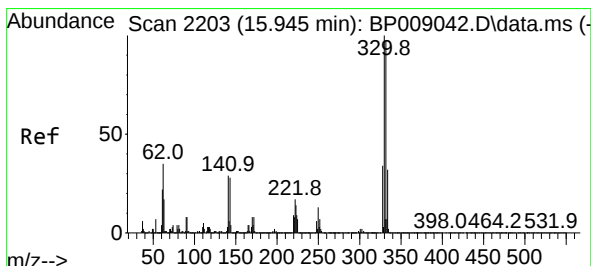
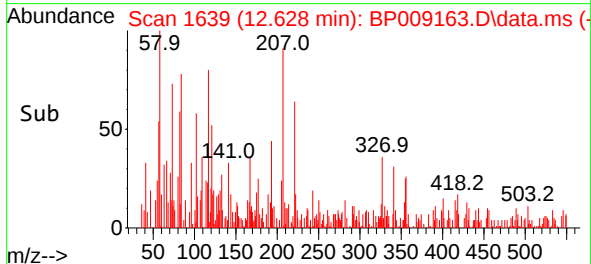
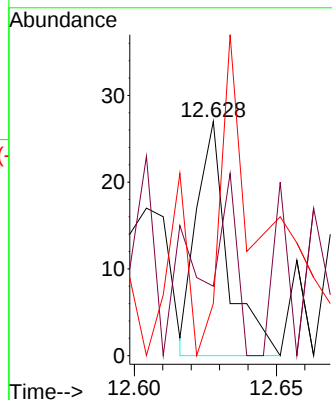
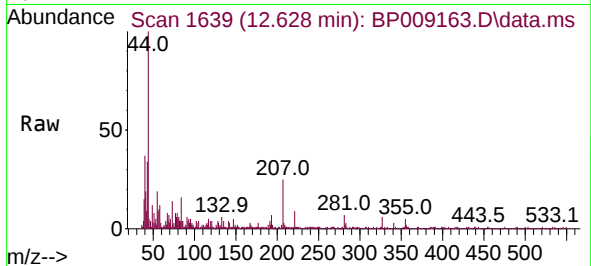




#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.628 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

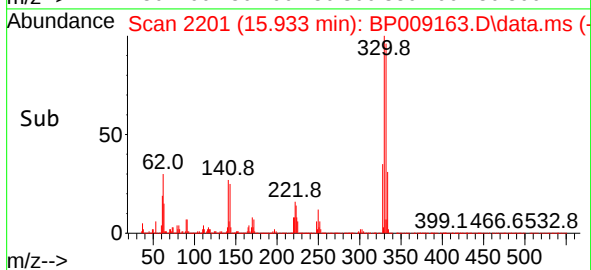
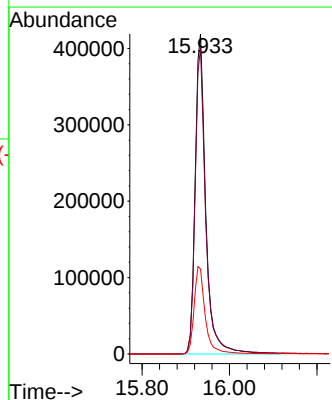
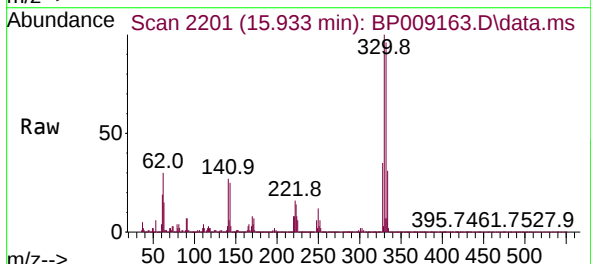
Instrument :
BNA_P
ClientSampleId :
TP2-B

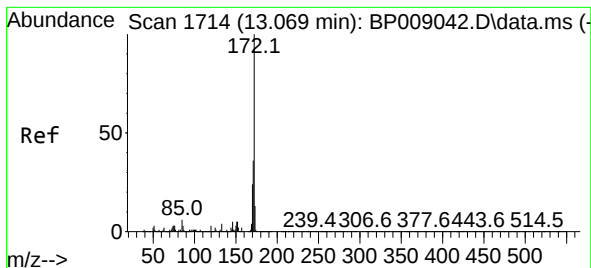
Tgt Ion:	237	Resp:	21
Ion	Ratio	Lower	Upper
237	100		
235	59.3	42.9	82.9
272	22.2	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 150.793 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP009163.D
Acq: 15 Feb 2022 20:11

Tgt Ion:	330	Resp:	708903
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.4
141	28.7	21.3	31.9





#45

2-Fluorobiphenyl

Concen: 100.727 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009163.D

Acq: 15 Feb 2022 20:11

Instrument :

BNA_P

ClientSampleId :

TP2-B

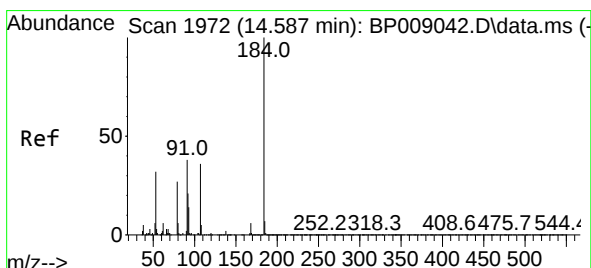
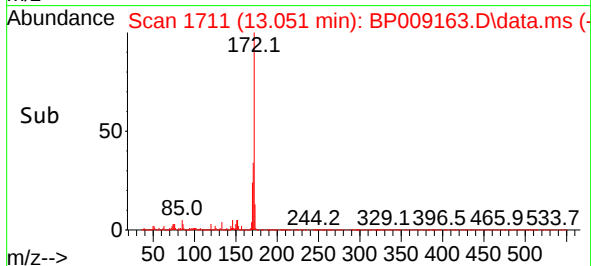
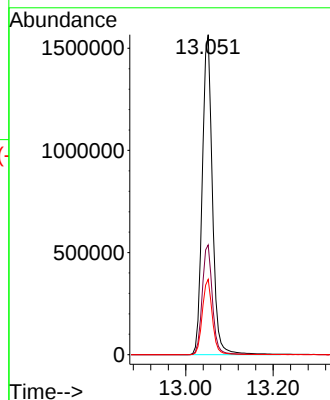
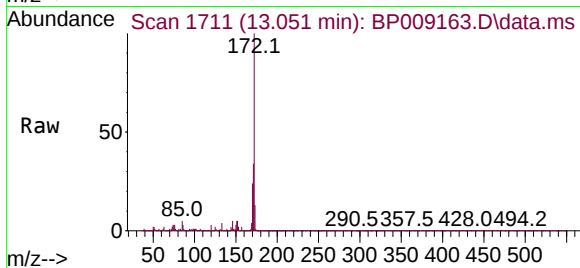
Tgt Ion:172 Resp: 2533477

Ion Ratio Lower Upper

172 100

171 34.3 29.3 43.9

170 23.5 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 2.177 ng

RT: 14.581 min Scan# 1971

Delta R.T. -0.018 min

Lab File: BP009163.D

Acq: 15 Feb 2022 20:11

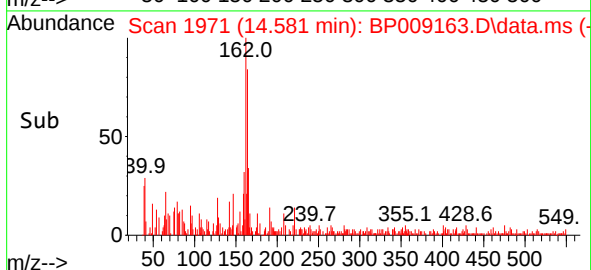
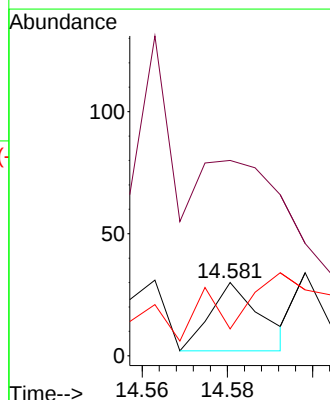
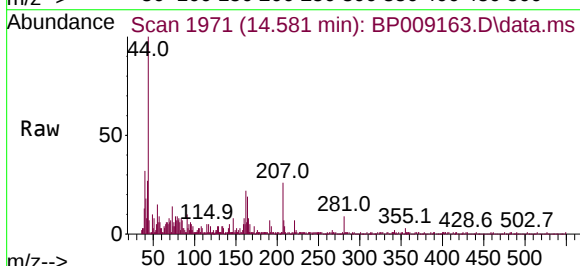
Tgt Ion:184 Resp: 23

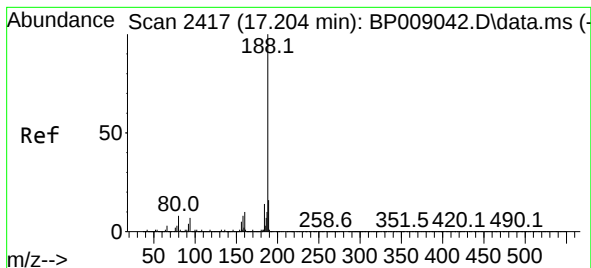
Ion Ratio Lower Upper

184 100

63 516.7 35.6 53.4#

154 36.7 43.4 65.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP009163.D

Acq: 15 Feb 2022 20:11

Instrument :

BNA_P

ClientSampleId :

TP2-B

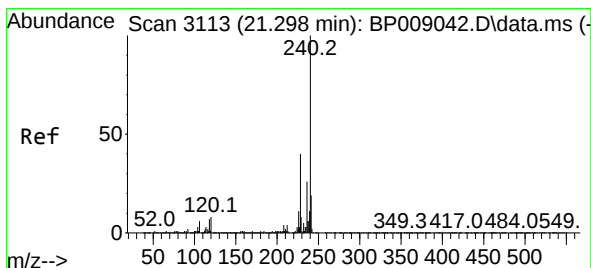
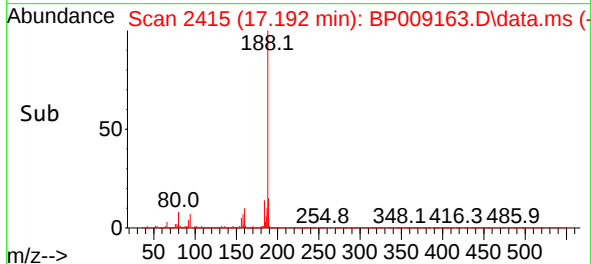
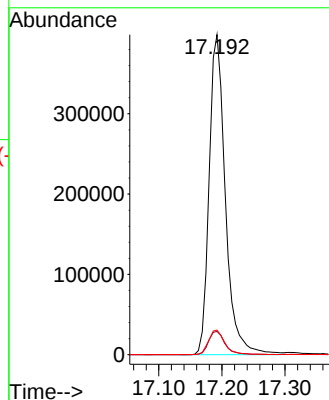
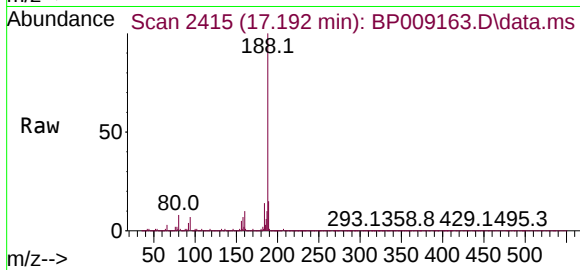
Tgt Ion:188 Resp: 711241

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

80 7.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP009163.D

Acq: 15 Feb 2022 20:11

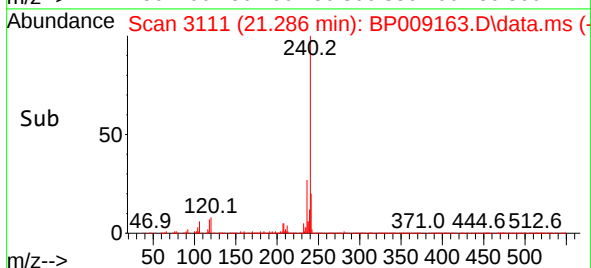
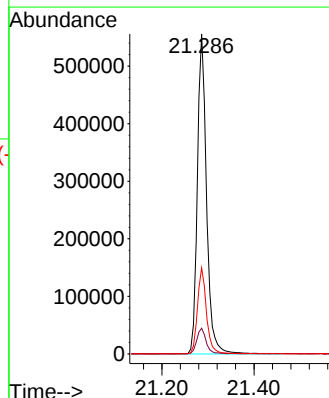
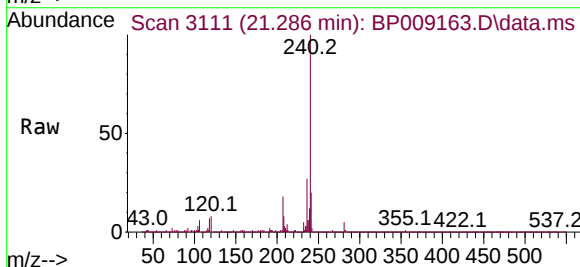
Tgt Ion:240 Resp: 767154

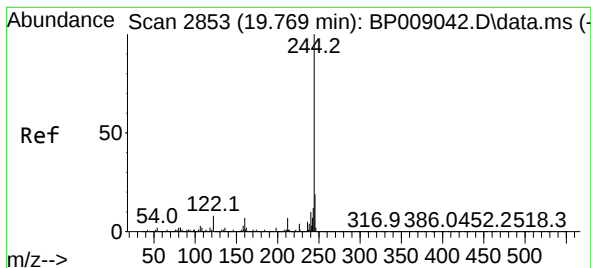
Ion Ratio Lower Upper

240 100

120 8.0 7.7 11.5

236 26.9 21.2 31.8





#79

Terphenyl-d14

Concen: 90.904 ng

RT: 19.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009163.D

Acq: 15 Feb 2022 20:11

Instrument :

BNA_P

ClientSampleId :

TP2-B

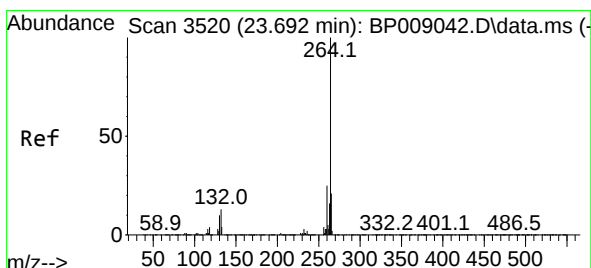
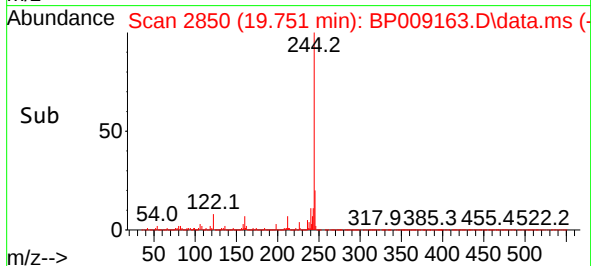
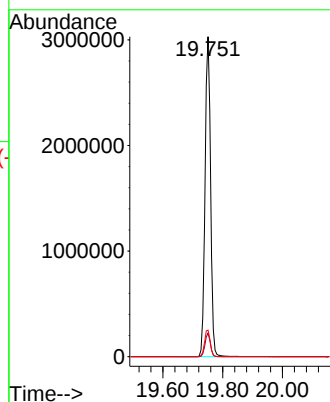
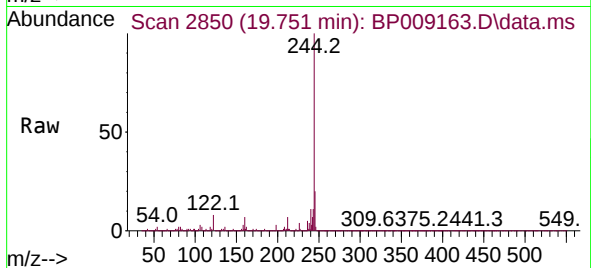
Tgt Ion:244 Resp: 3877879

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.3 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.674 min Scan# 3517

Delta R.T. -0.018 min

Lab File: BP009163.D

Acq: 15 Feb 2022 20:11

Tgt Ion:264 Resp: 876825

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 21.8 17.1 25.7

