

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008501.D
 Acq On : 18 Dec 2021 22:04
 Operator : CG/JU
 Sample : M5165-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 00:54:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

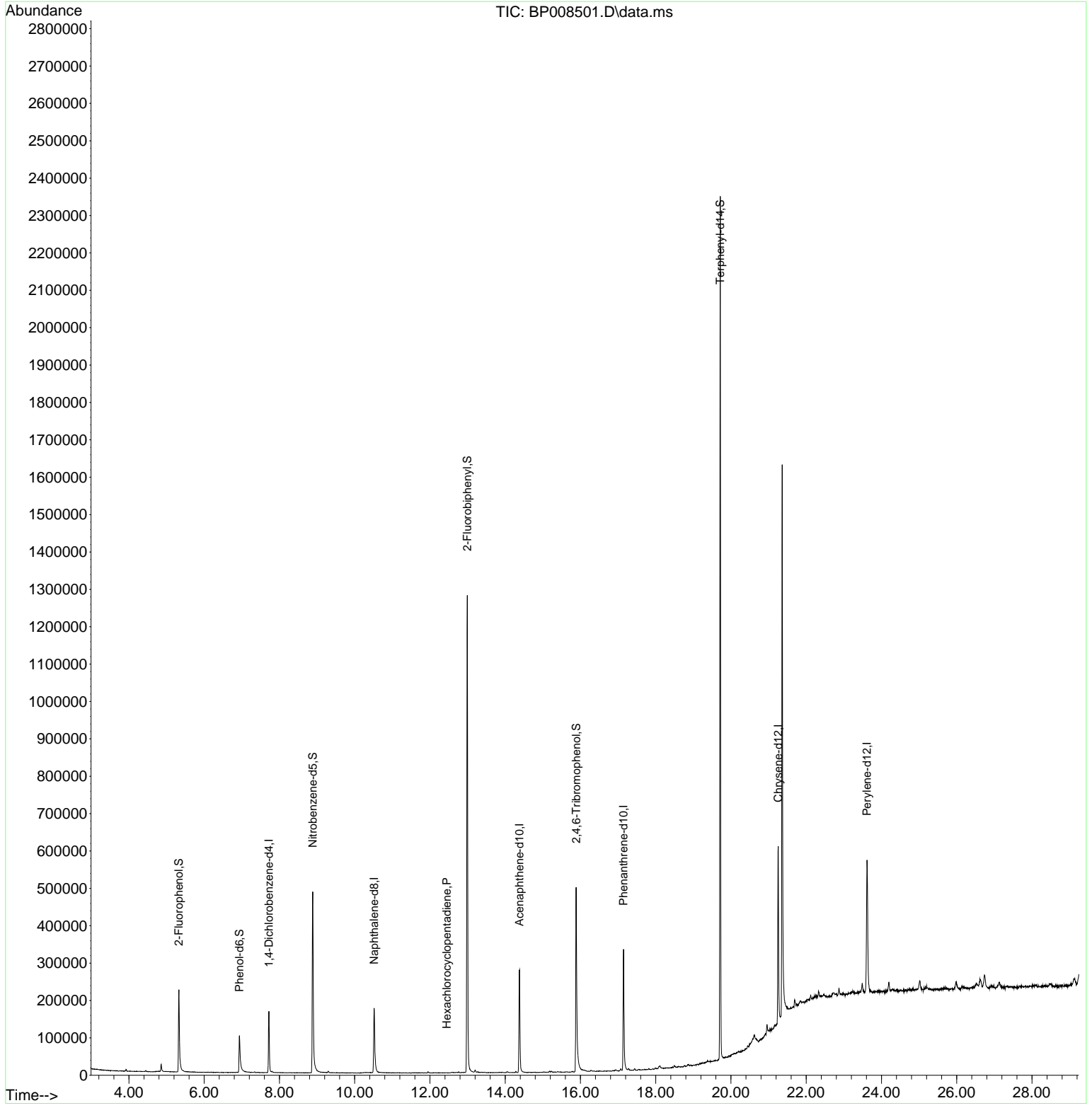
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	45737	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	169026	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	109456	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	233972	20.000	ng	0.00
76) Chrysene-d12	21.257	240	262574	20.000	ng	0.00
86) Perylene-d12	23.616	264	313460	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	110202	38.051	ng	0.00
7) Phenol-d6	6.940	99	76090	19.562	ng	0.01
23) Nitrobenzene-d5	8.887	82	333764	83.655	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	123992	77.084	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	689619	80.091	ng	-0.01
79) Terphenyl-d14	19.716	244	1036494	68.701	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.228	88	166	Below Cal	#	30
9) Benzaldehyde	6.905	77	270	Below Cal	#	47
41) Hexachlorocyclopentadiene	12.451	237	10	8.660	ng	78

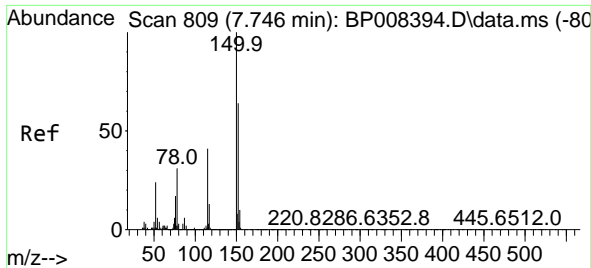
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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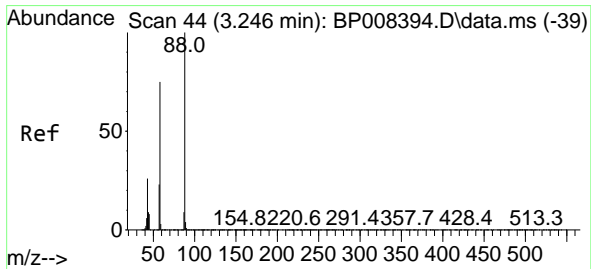
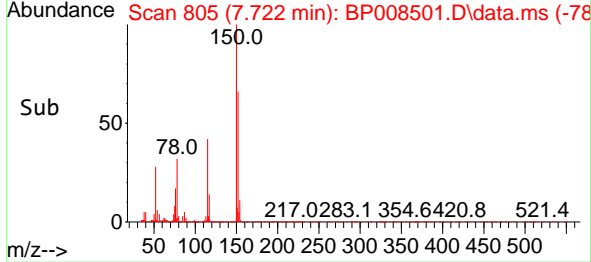
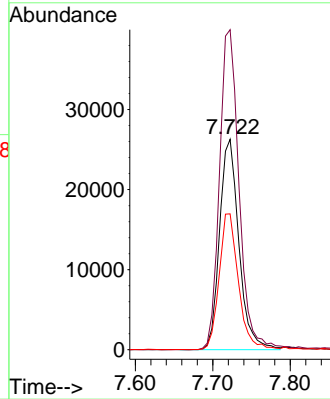
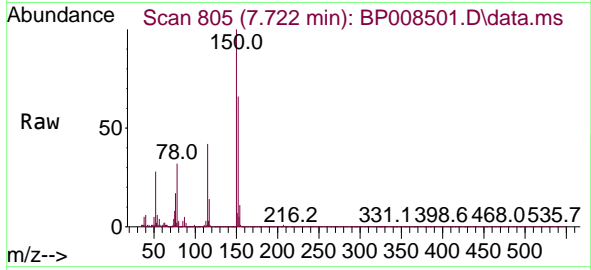


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:152 Resp: 45737

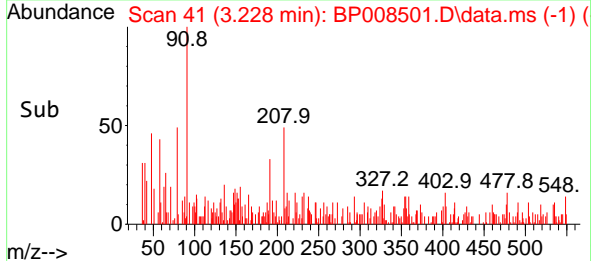
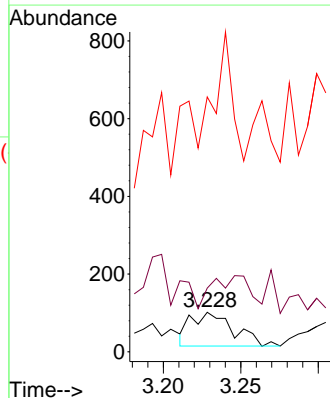
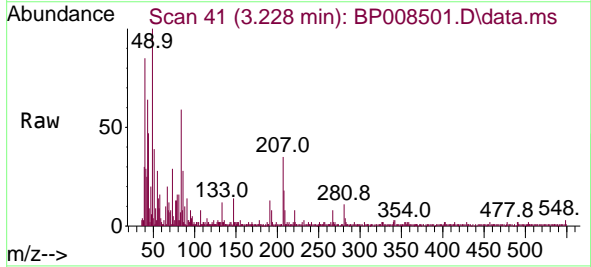
Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.7	188.5
115	64.5	50.7	76.1

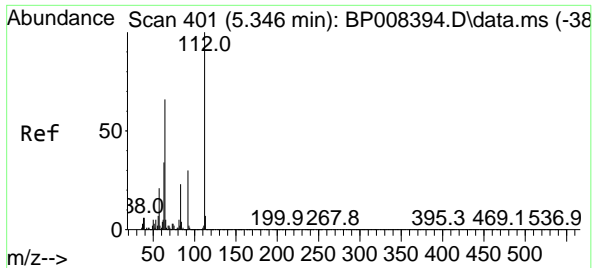


#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.228 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Tgt Ion: 88 Resp: 166

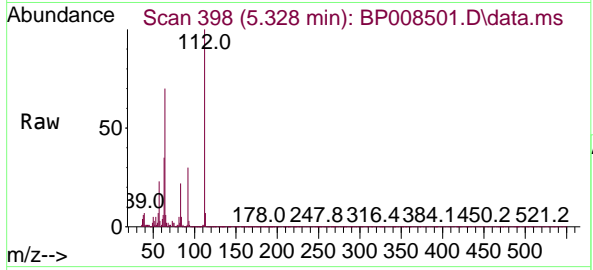
Ion	Ratio	Lower	Upper
88	100		
58	84.3	63.5	95.3
43	159.6	23.4	35.2



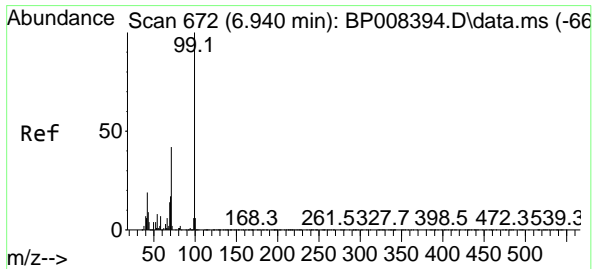
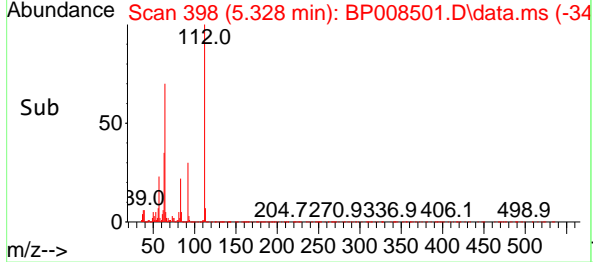
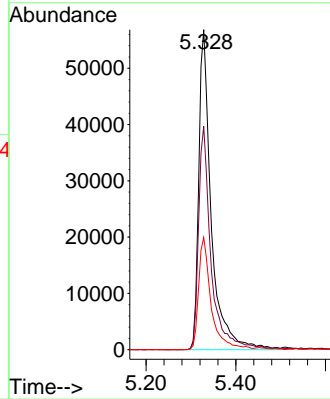


#5
 2-Fluorophenol
 Concen: 38.051 ng
 RT: 5.328 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Instrument :
 BNA_P
 ClientSampleId :

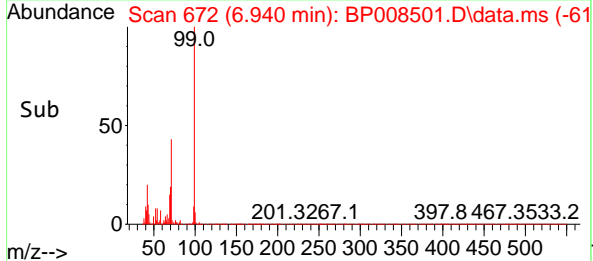
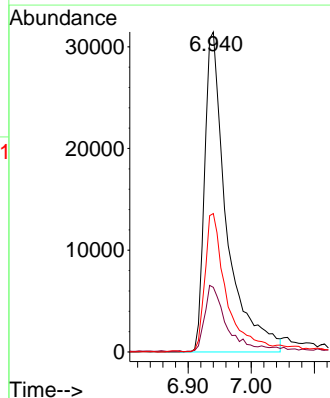
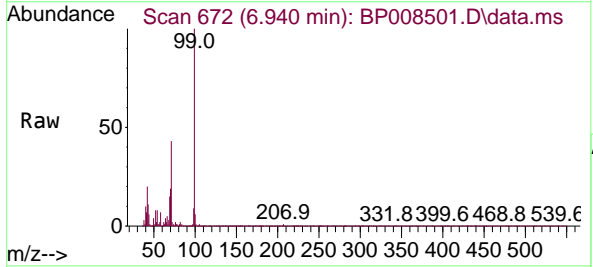


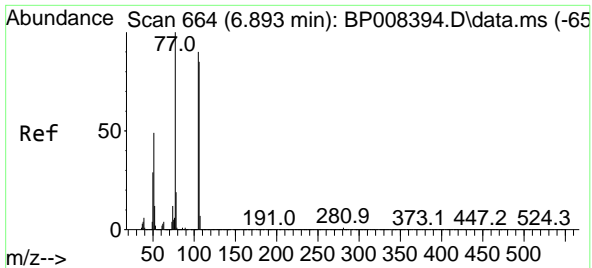
Tgt Ion:112 Resp: 110202
 Ion Ratio Lower Upper
 112 100
 64 69.8 53.4 80.2
 63 35.0 27.8 41.8



#7
 Phenol-d6
 Concen: 19.562 ng
 RT: 6.940 min Scan# 672
 Delta R.T. 0.012 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

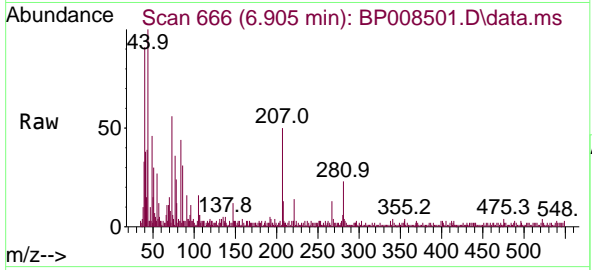
Tgt Ion: 99 Resp: 76090
 Ion Ratio Lower Upper
 99 100
 42 20.2 14.6 22.0
 71 43.3 31.1 46.7





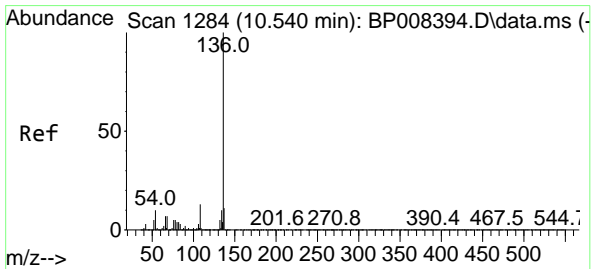
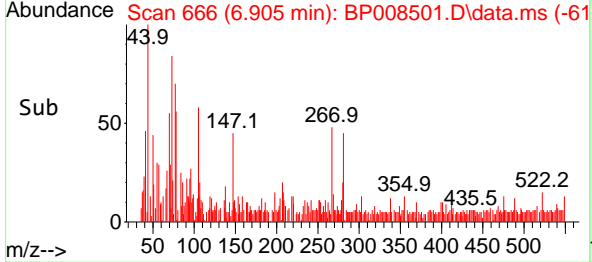
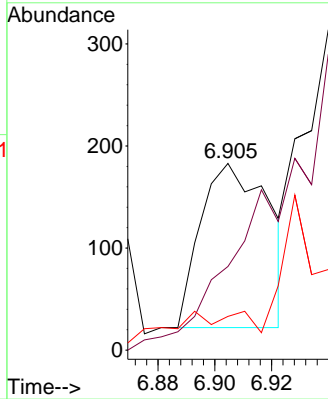
#9
 Benzaldehyde
 Concen: Below Cal
 RT: 6.905 min Scan# 60
 Delta R.T. 0.024 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Instrument : BNA_P
 ClientSampleId :



Tgt Ion: 77 Resp: 270

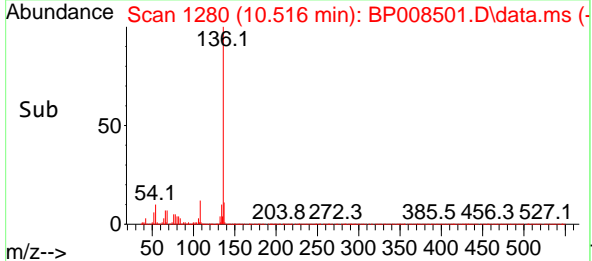
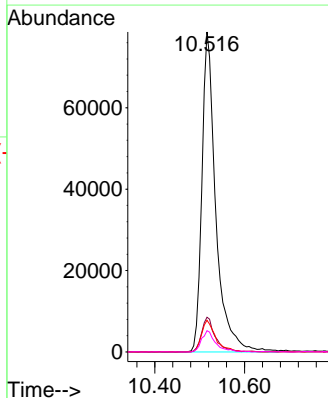
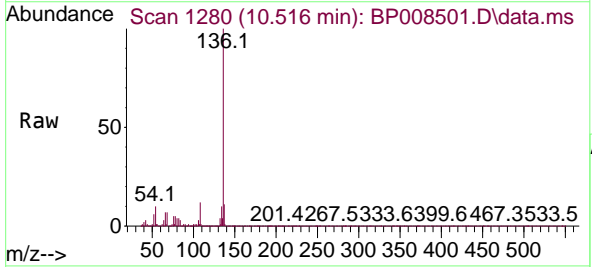
Ion	Ratio	Lower	Upper
77	100		
105	44.8	71.8	111.8#
106	33.9	67.3	107.3#

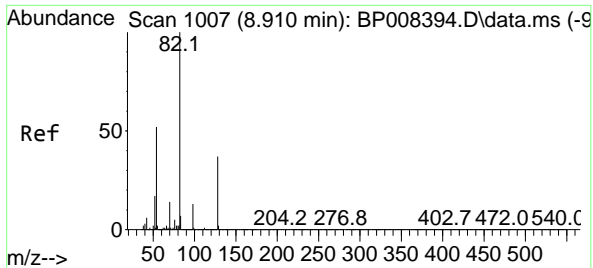


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.516 min Scan# 1280
 Delta R.T. -0.006 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Tgt Ion: 136 Resp: 169026

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.9	8.2	12.4
68	6.7	5.8	8.8



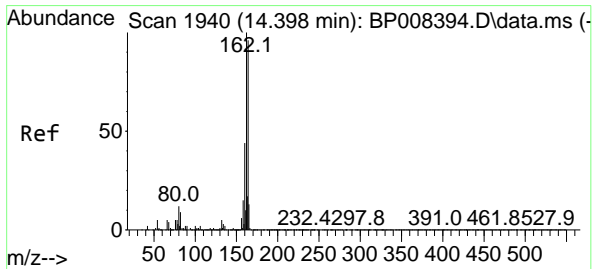
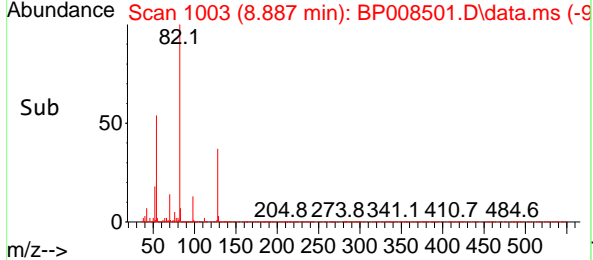
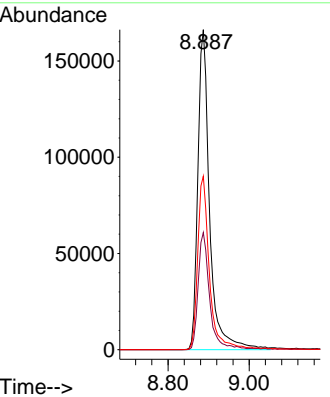
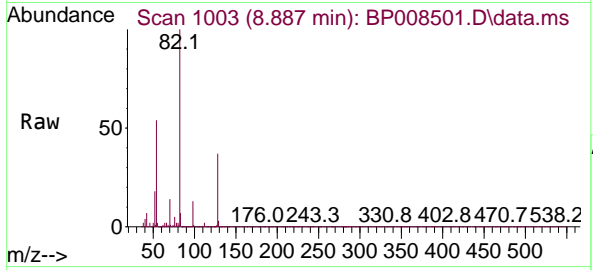


#23
 Nitrobenzene-d5
 Concen: 83.655 ng
 RT: 8.887 min Scan# 10
 Delta R.T. -0.012 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 82 Resp: 333764

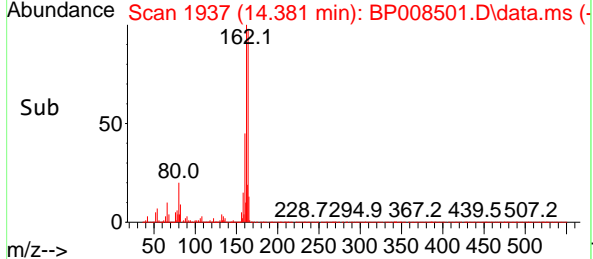
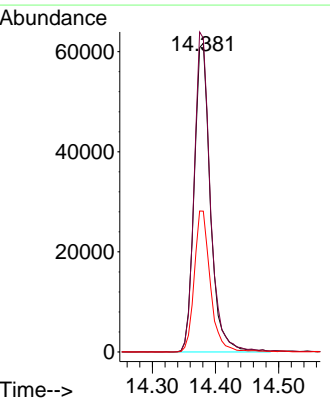
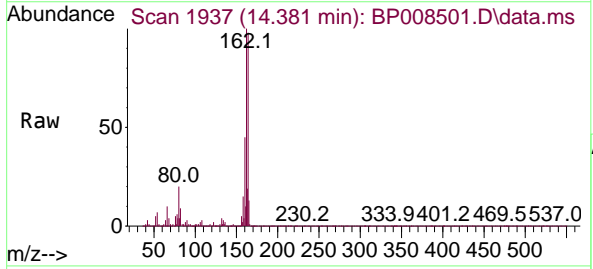
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.6	44.4
54	54.2	42.7	64.1

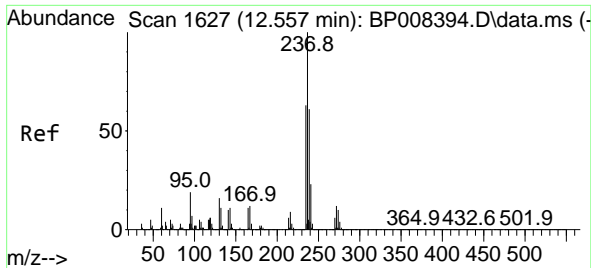


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.381 min Scan# 1937
 Delta R.T. -0.006 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Tgt Ion: 164 Resp: 109456

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.9	122.9
160	45.6	35.4	53.0

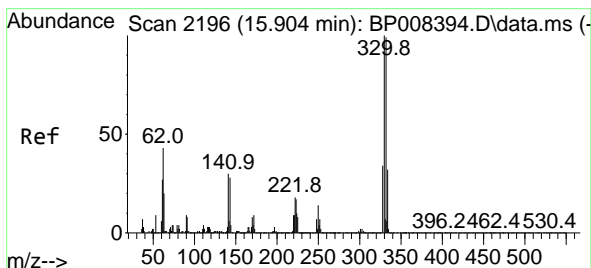
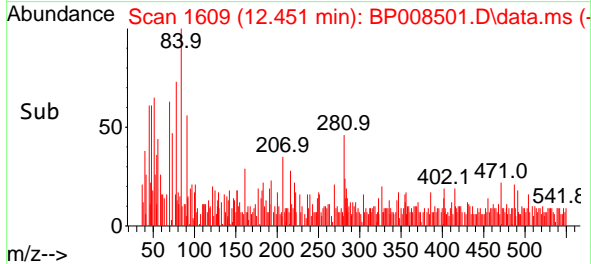
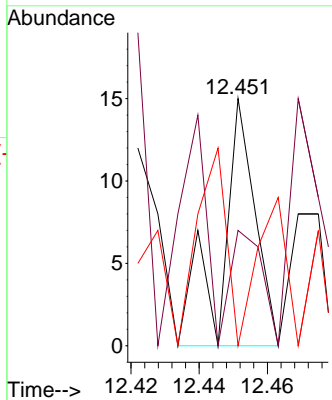
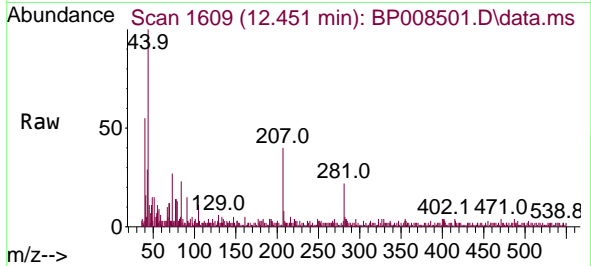




#41
 Hexachlorocyclopentadiene
 Concen: 8.660 ng
 RT: 12.451 min Scan# 10
 Delta R.T. -0.088 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

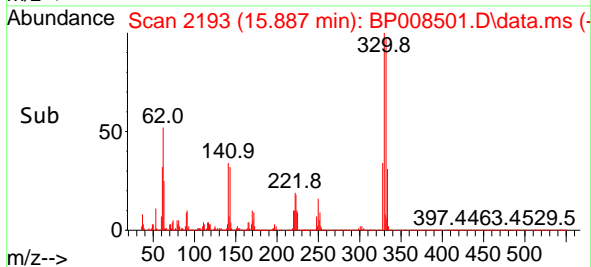
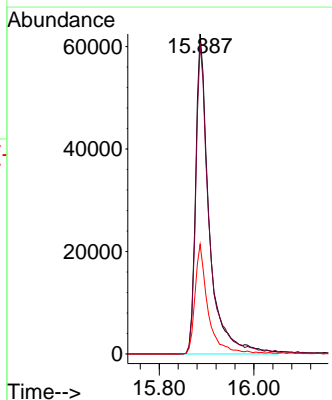
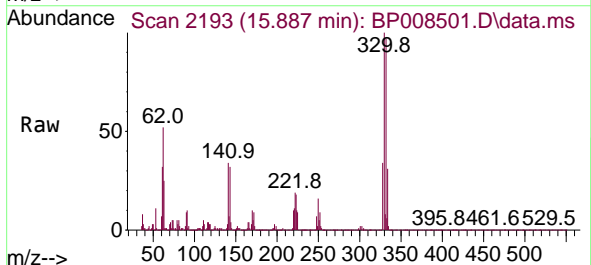
Instrument :
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 ClientSampleId :

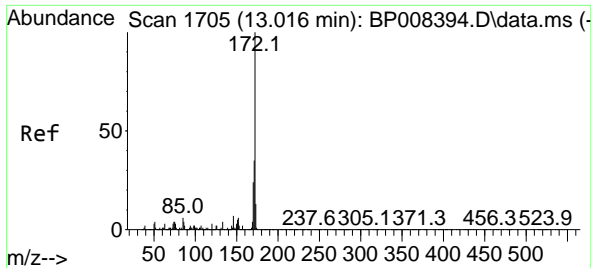
Tgt Ion	Resp	Lower	Upper
237	100		
235	46.7	42.3	82.3
272	0.0	0.0	32.2



#42
 2,4,6-Tribromophenol
 Concen: 77.084 ng
 RT: 15.887 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.0	77.0	115.4
141	33.1	28.4	42.6



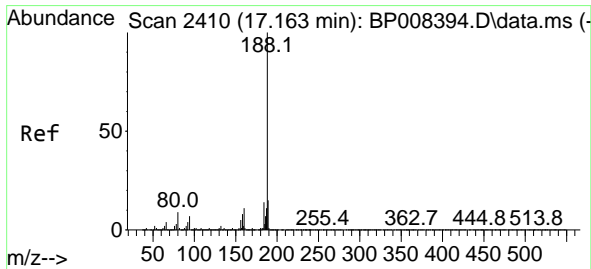
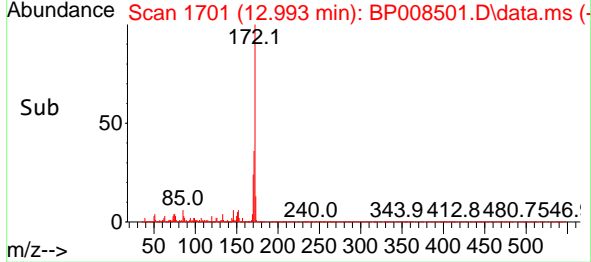
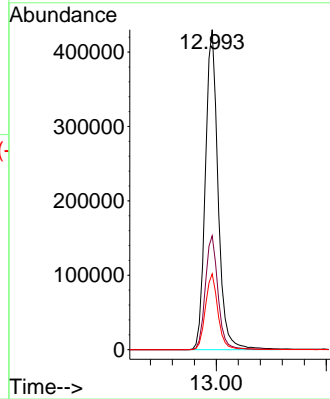
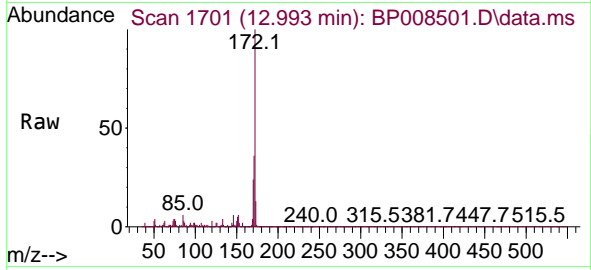


#45
 2-Fluorobiphenyl
 Concen: 80.091 ng
 RT: 12.993 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:172 Resp: 689619

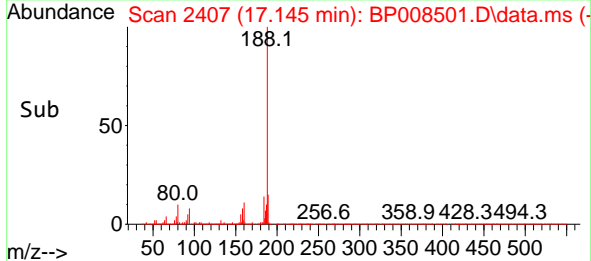
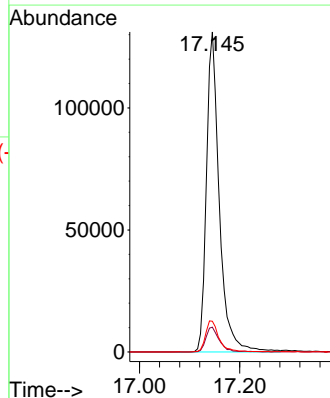
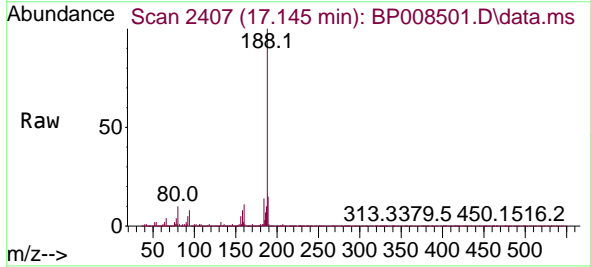
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	23.7	18.9	28.3

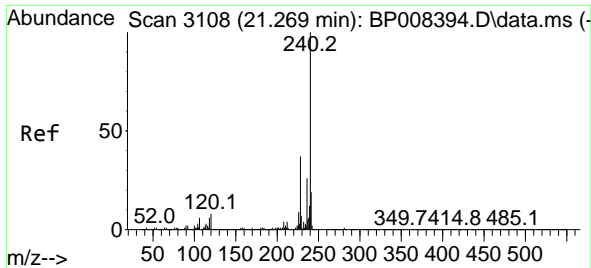


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.145 min Scan# 2407
 Delta R.T. -0.006 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Tgt Ion:188 Resp: 233972

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	9.6	8.2	12.4



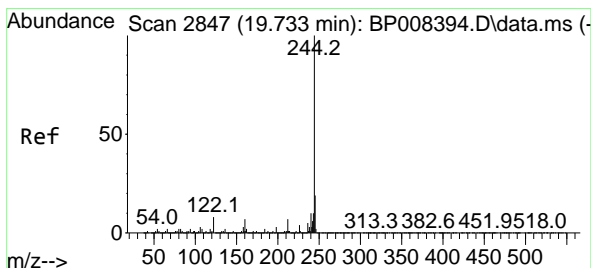
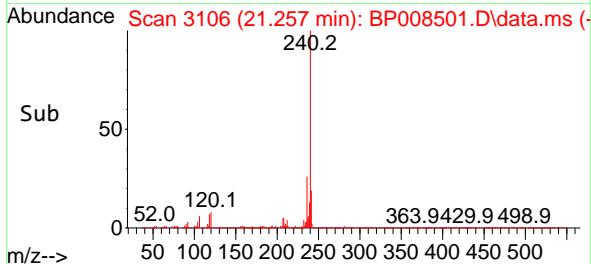
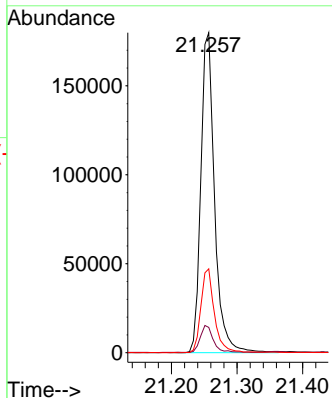
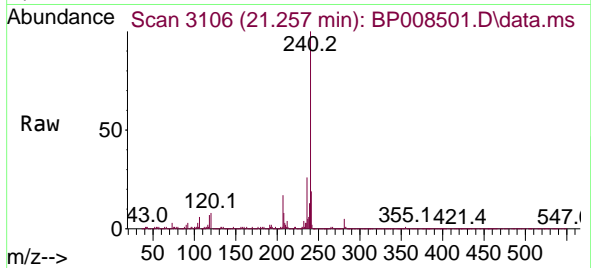


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.257 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:240 Resp: 262574

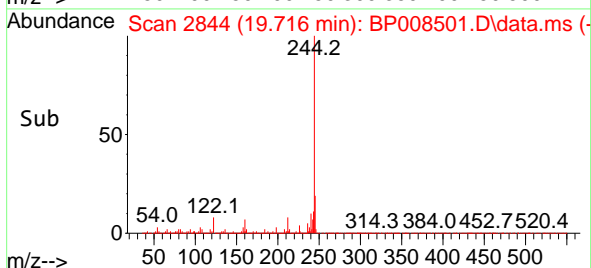
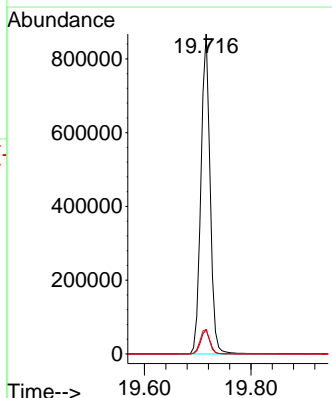
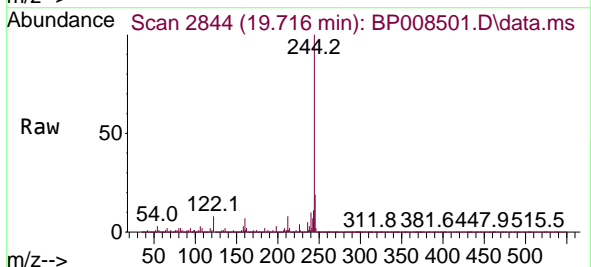
Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.3	10.9
236	26.2	21.4	32.2

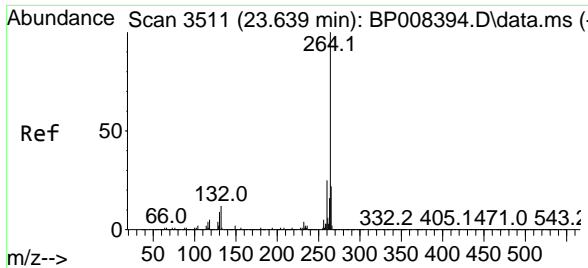


#79
 Terphenyl-d14
 Concen: 68.701 ng
 RT: 19.716 min Scan# 2844
 Delta R.T. -0.012 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Tgt Ion:244 Resp: 1036494

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	7.7	6.6	9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.616 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008501.D
 Acq: 18 Dec 2021 22:04

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:264 Resp: 313460

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.2	17.6	26.4

