

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
 Data File : BP007979.D
 Acq On : 15 Nov 2021 10:52
 Operator : CG/JU
 Sample : PB140340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140340BL

Quant Time: Nov 15 11:44:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

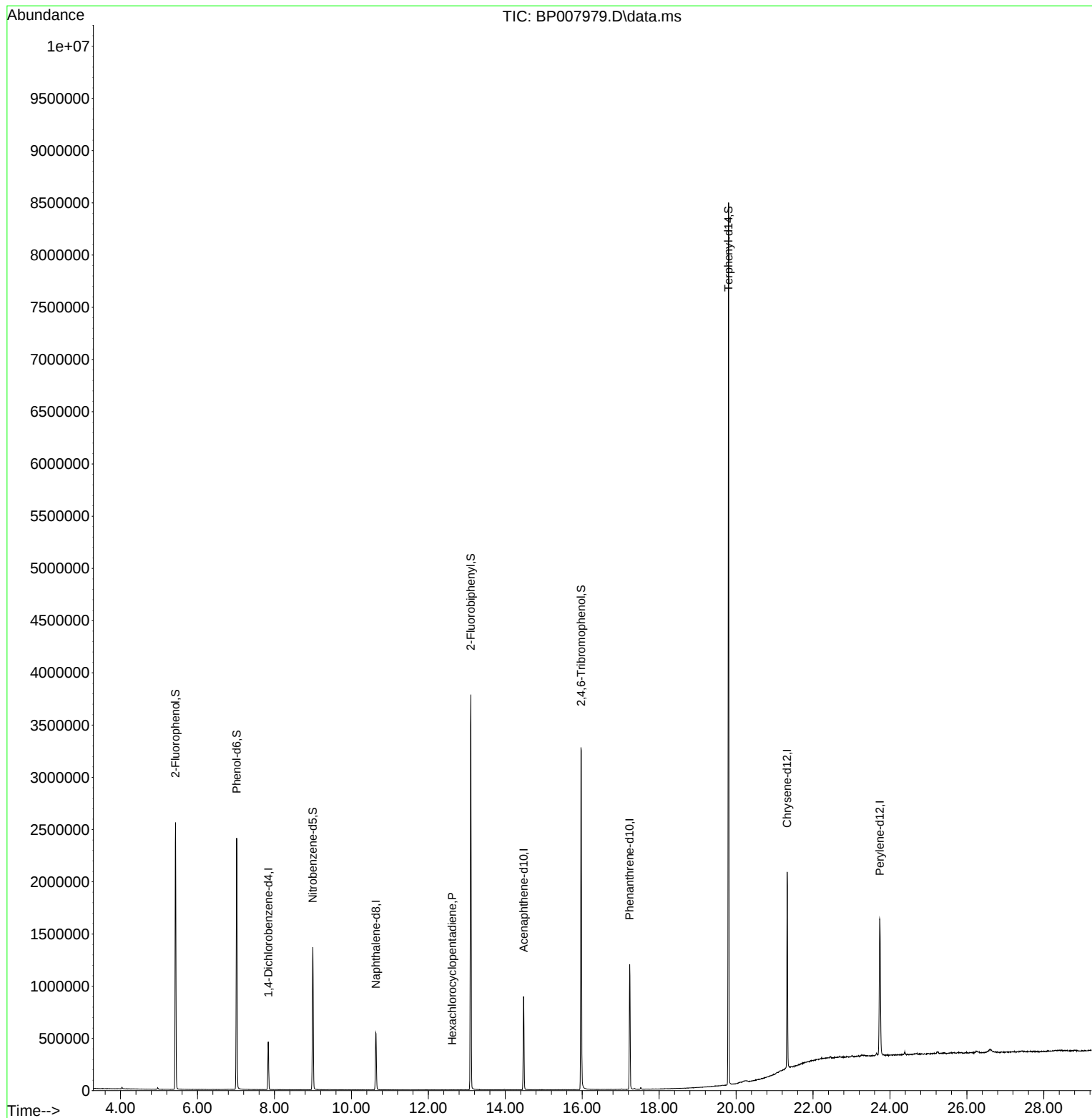
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	126301	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	465323	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	322161	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	749367	20.000	ng	0.00
76) Chrysene-d12	21.328	240	946592	20.000	ng	0.00
86) Perylene-d12	23.739	264	1092843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1096236	140.802	ng	0.00
7) Phenol-d6	7.017	99	1351059	130.441	ng	0.00
23) Nitrobenzene-d5	8.999	82	761973	87.629	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	698011	137.707	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1924855	83.810	ng	0.00
79) Terphenyl-d14	19.804	244	3802582	81.456	ng	0.00
Target Compounds						
9) Benzaldehyde	7.017	77	3089	Below Cal	#	3
16) 2,2'-oxybis(1-Chloropr...	8.375	45	154	Below Cal	#	51
41) Hexachlorocyclopentadiene	12.622	237	14	3.072	ng	92

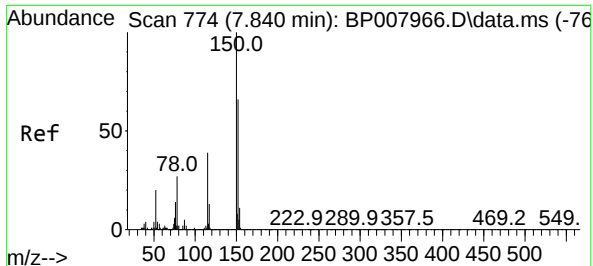
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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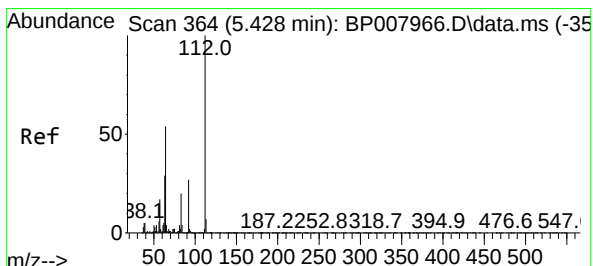
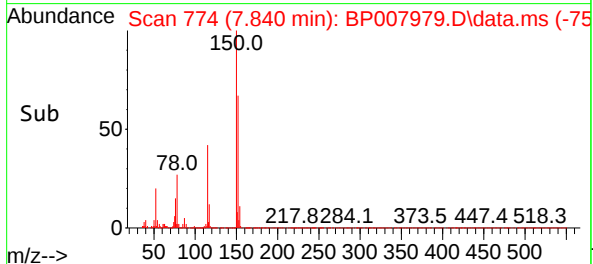
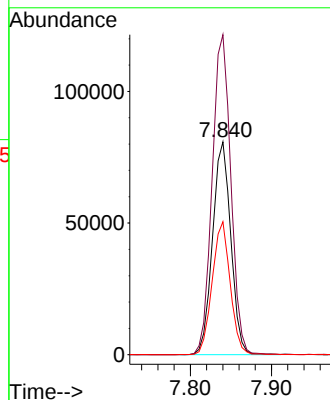
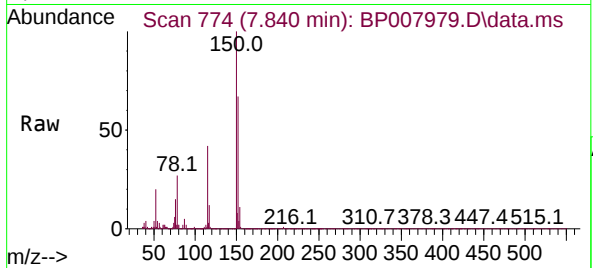




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

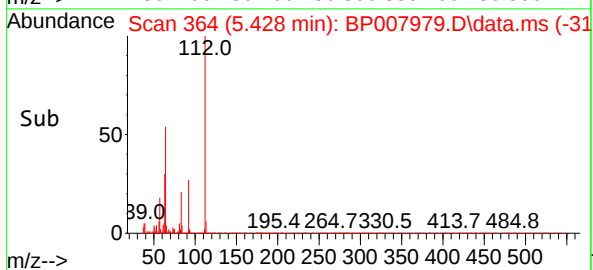
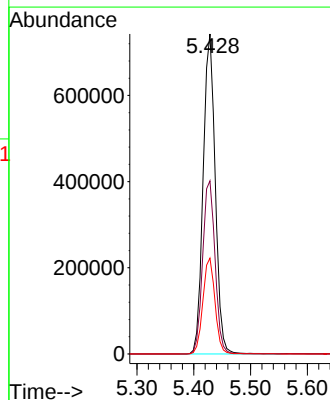
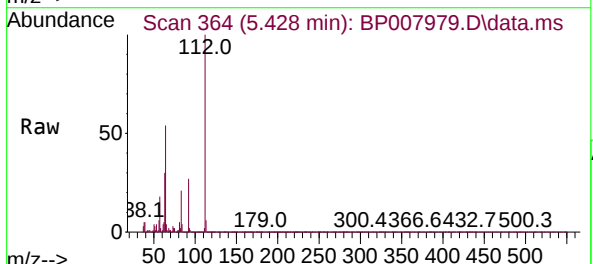
Instrument :
BNA_P
ClientSampleId :
PB140340BL

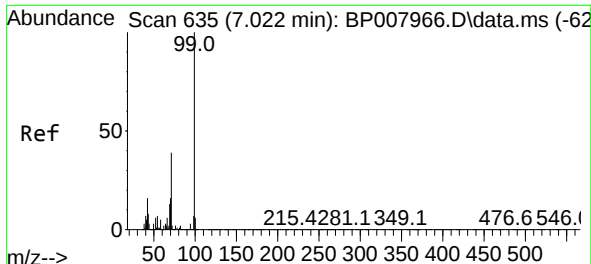
Tgt Ion:152 Resp: 126301
Ion Ratio Lower Upper
152 100
150 150.3 124.1 186.1
115 62.5 48.1 72.1



#5
2-Fluorophenol
Concen: 140.802 ng
RT: 5.428 min Scan# 364
Delta R.T. 0.000 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

Tgt Ion:112 Resp: 1096236
Ion Ratio Lower Upper
112 100
64 54.1 46.6 70.0
63 30.0 25.0 37.6



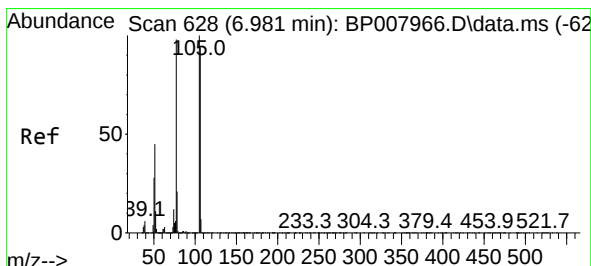
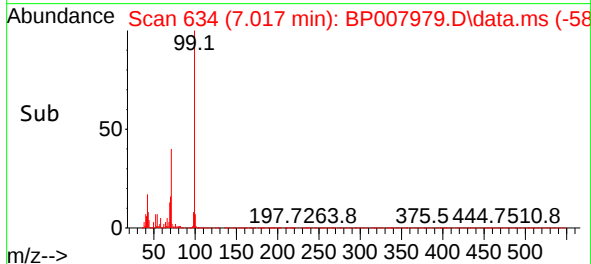
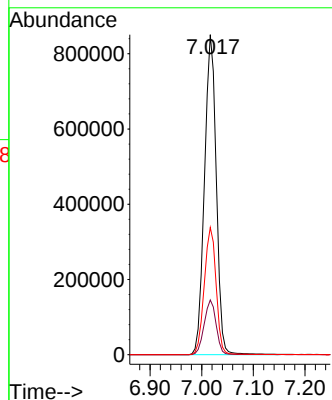
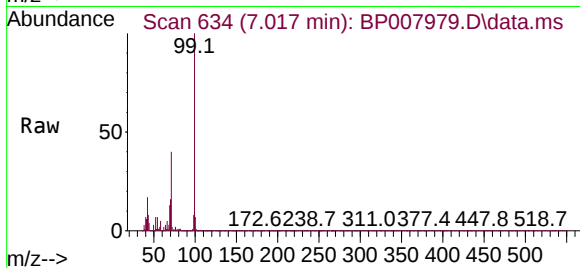


#7
Phenol-d6
Concen: 130.441 ng
RT: 7.017 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

Instrument :
BNA_P
ClientSampleId :
PB140340BL

Tgt Ion: 99 Resp: 1351059

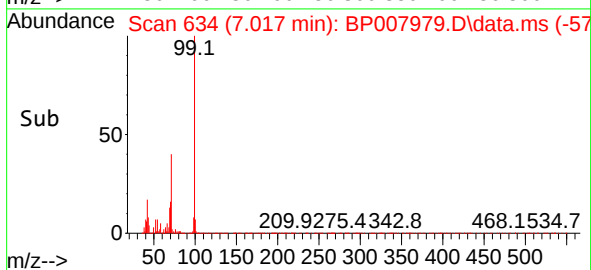
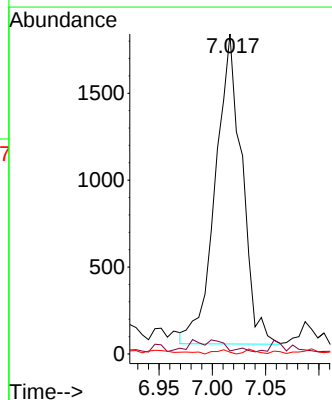
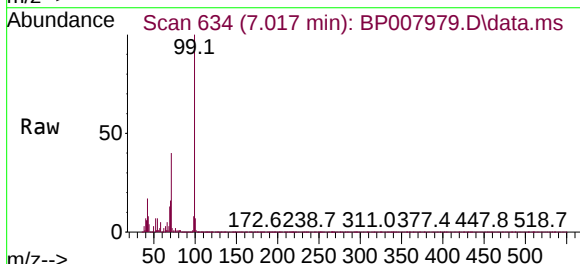
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	39.8	29.2	43.8

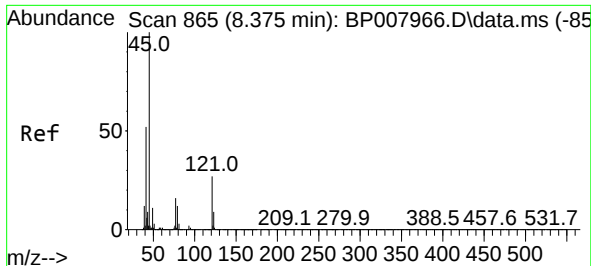


#9
Benzaldehyde
Concen: Below Cal
RT: 7.017 min Scan# 634
Delta R.T. 0.036 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

Tgt Ion: 77 Resp: 3089

Ion	Ratio	Lower	Upper
77	100		
105	1.0	77.5	117.5#
106	0.5	72.1	112.1#

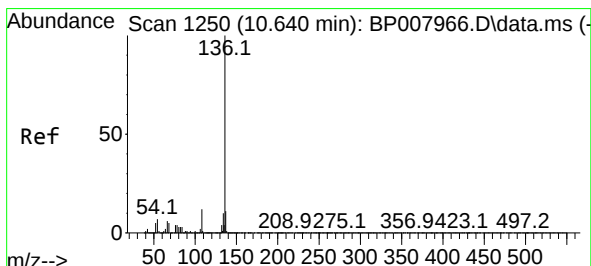
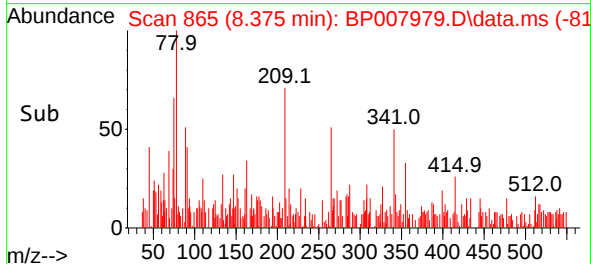
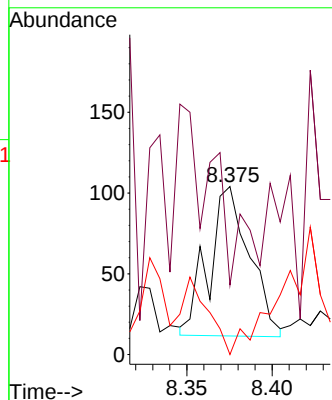
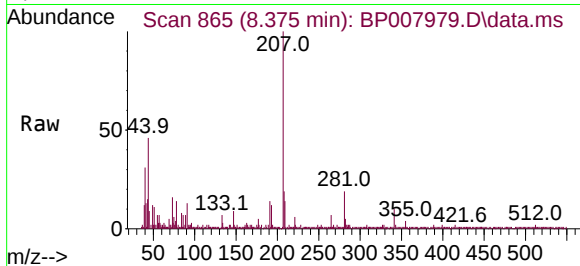




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

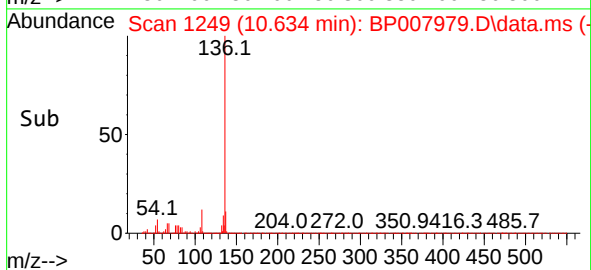
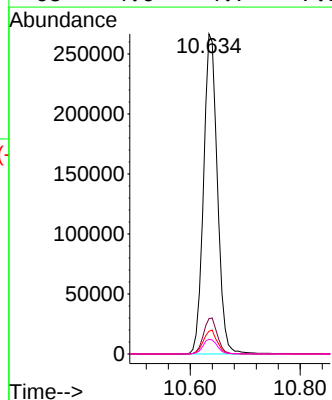
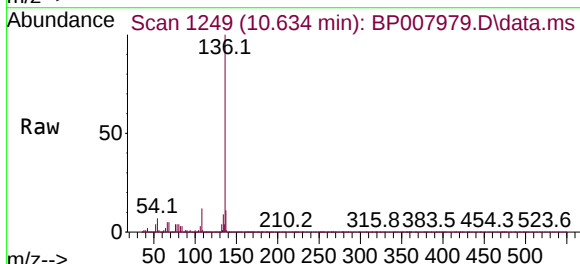
Instrument :
BNA_P
ClientSampleId :
PB140340BL

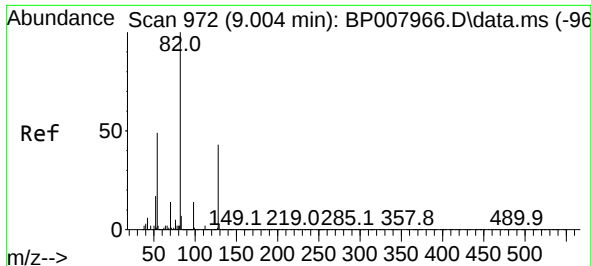
Tgt Ion: 45 Resp: 154
Ion Ratio Lower Upper
45 100
77 41.3 0.0 34.9#
79 0.0 0.0 31.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

Tgt Ion: 136 Resp: 465323
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 6.2 9.4
68 4.6 4.7 7.1#

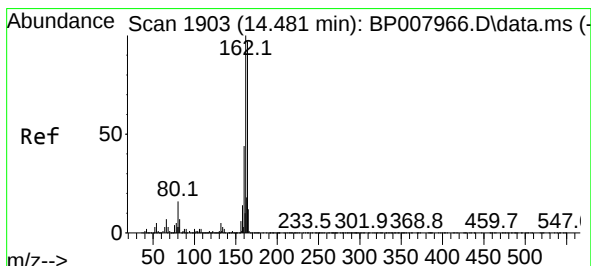
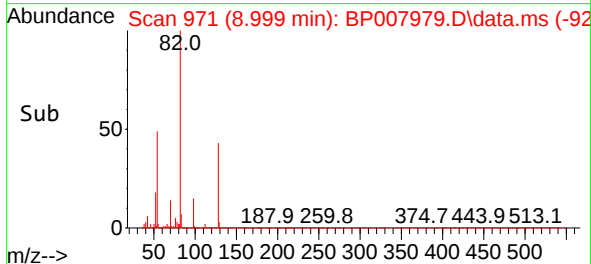
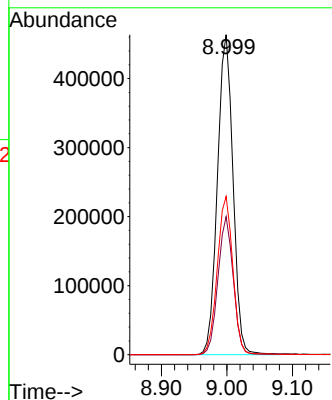
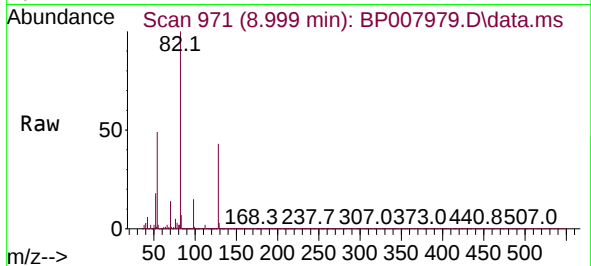




#23
Nitrobenzene-d5
Concen: 87.629 ng
RT: 8.999 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

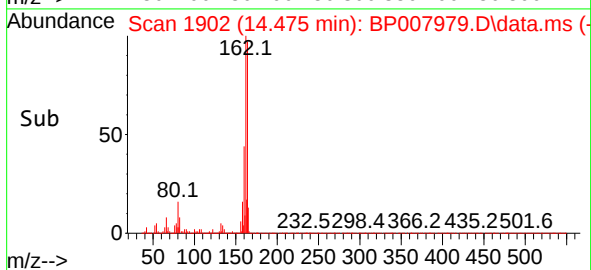
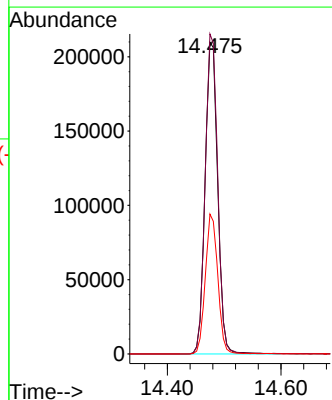
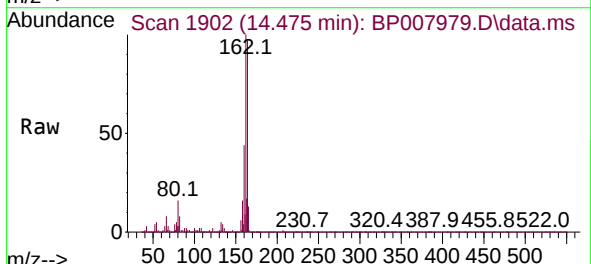
Instrument :
BNA_P
ClientSampleId :
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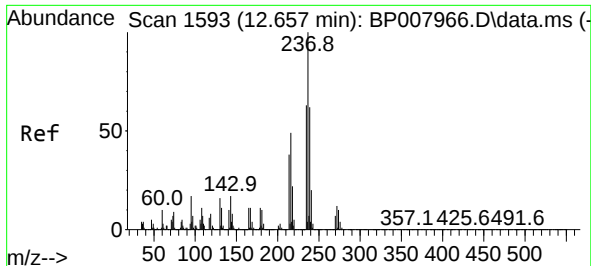
Tgt Ion: 82 Resp: 761973
Ion Ratio Lower Upper
82 100
128 43.1 32.6 48.8
54 49.4 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

Tgt Ion: 164 Resp: 322161
Ion Ratio Lower Upper
164 100
162 102.7 81.1 121.7
160 44.9 36.0 54.0

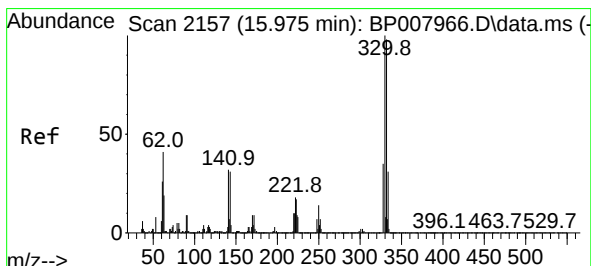
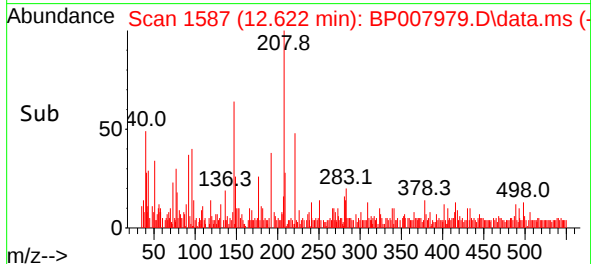
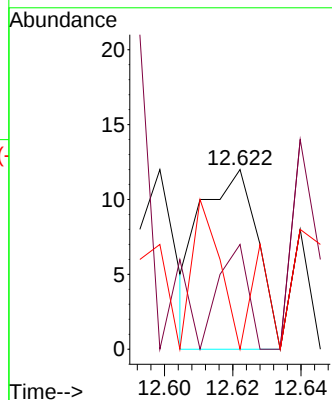
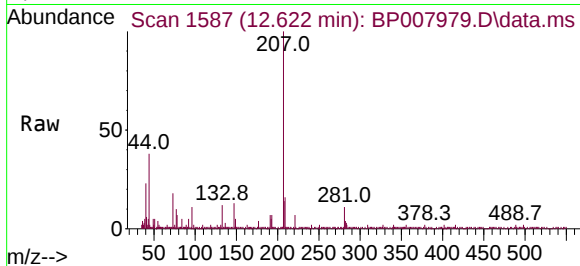




#41
Hexachlorocyclopentadiene
Concen: 3.072 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

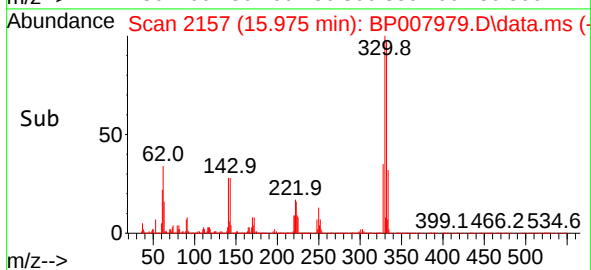
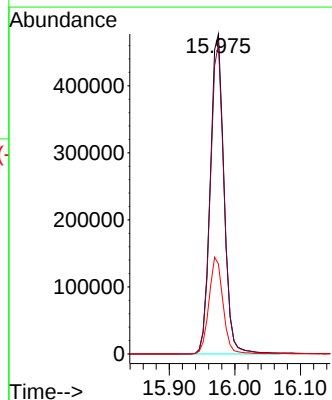
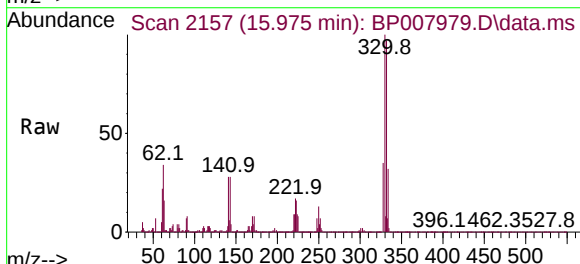
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ClientSampleId :
PB140340BL

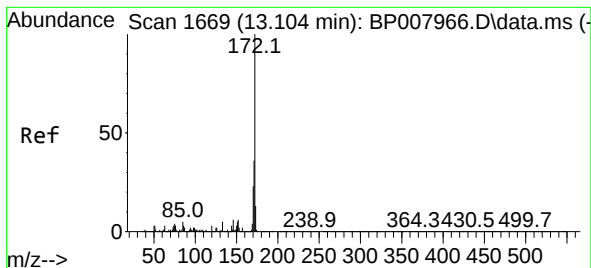
Tgt Ion:237	Resp:	14	
Ion	Ratio	Lower	Upper
237	100		
235	58.3	41.2	81.2
272	0.0	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 137.707 ng
RT: 15.975 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

Tgt Ion:330	Resp:	698011	
Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.9	118.3
141	31.0	30.7	46.1





#45

2-Fluorobiphenyl

Concen: 83.810 ng

RT: 13.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP007979.D

Acq: 15 Nov 2021 10:52

Instrument :

BNA_P

ClientSampleId :

PB140340BL

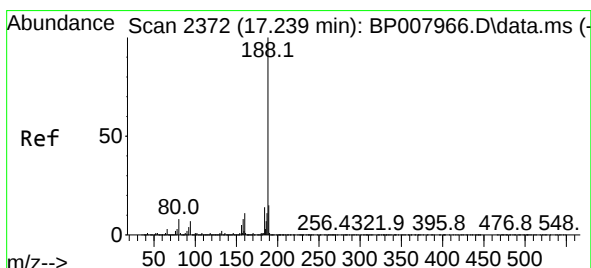
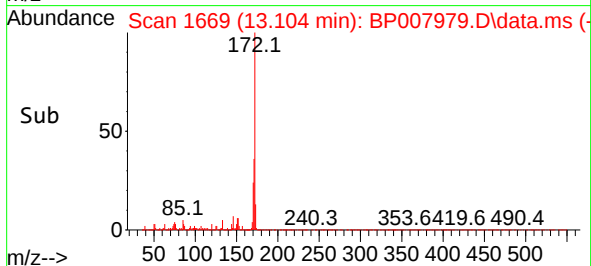
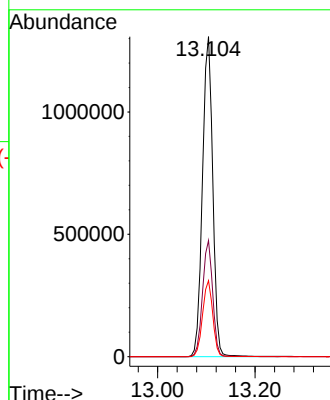
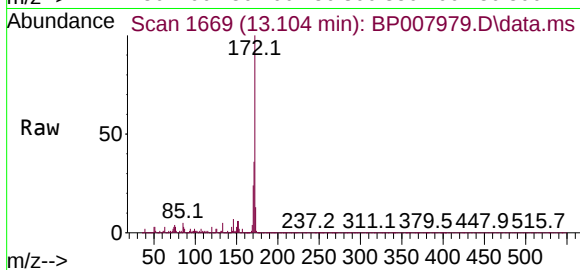
Tgt Ion:172 Resp: 1924855

Ion Ratio Lower Upper

172 100

171 36.3 28.2 42.2

170 23.8 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.234 min Scan# 2371

Delta R.T. -0.006 min

Lab File: BP007979.D

Acq: 15 Nov 2021 10:52

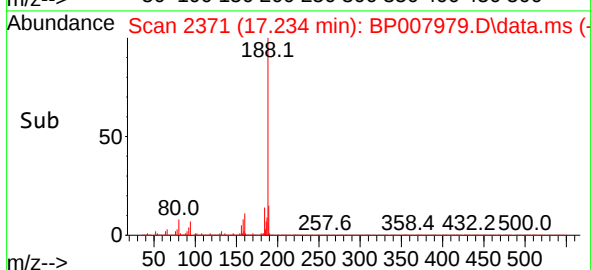
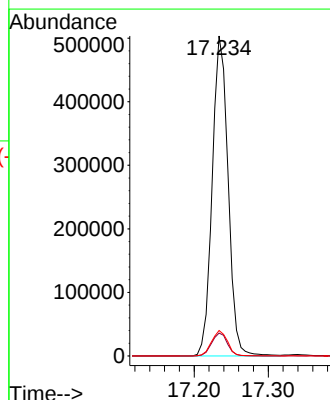
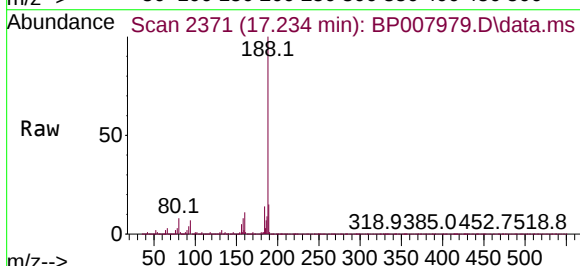
Tgt Ion:188 Resp: 749367

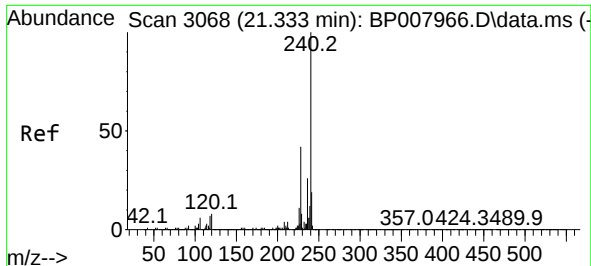
Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

80 8.0 7.8 11.6

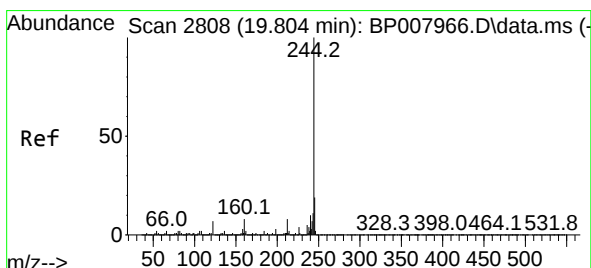
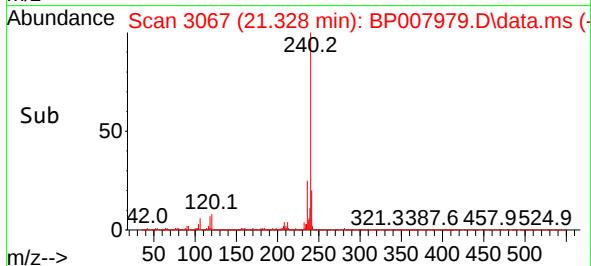
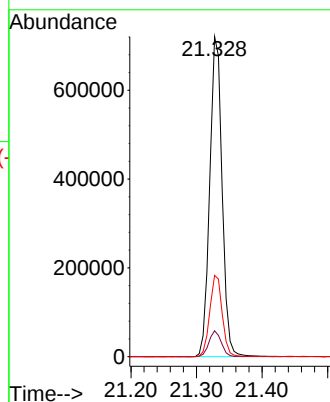
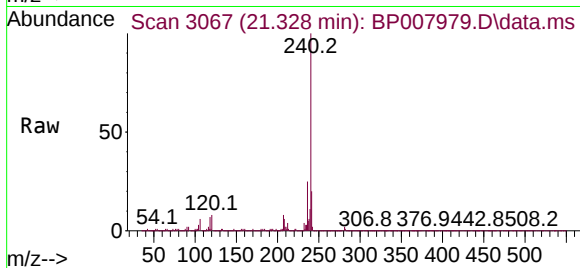




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.328 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

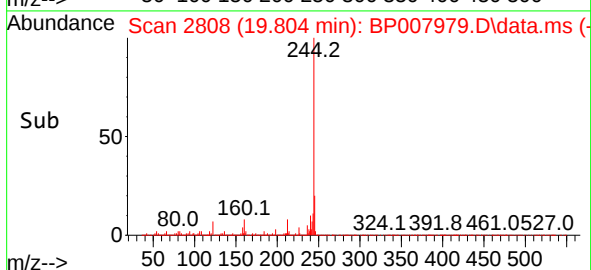
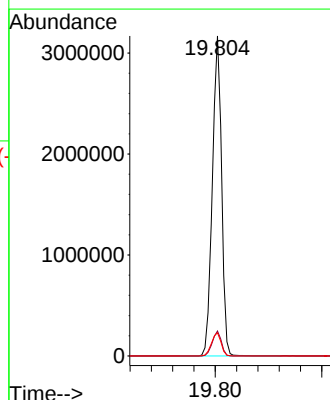
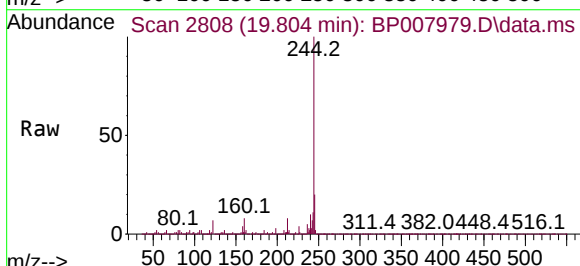
Instrument :
BNA_P
ClientSampleId :
PB140340BL

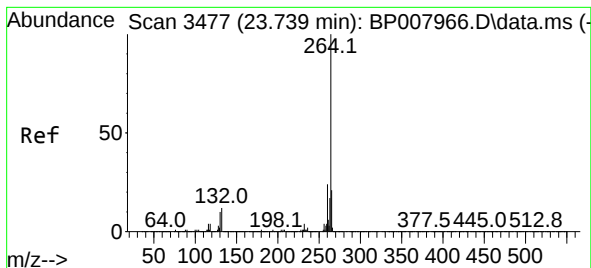
Tgt Ion:240 Resp: 946592
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.8
236 25.4 20.6 30.8



#79
Terphenyl-d14
Concen: 81.456 ng
RT: 19.804 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP007979.D
Acq: 15 Nov 2021 10:52

Tgt Ion:244 Resp: 3802582
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 7.3 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP007979.D

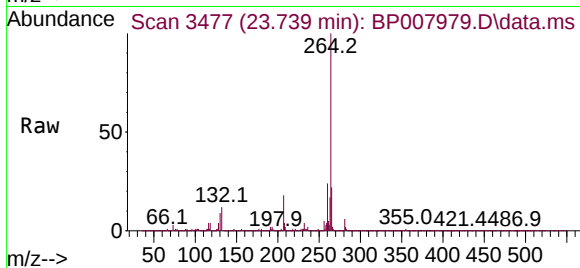
Acq: 15 Nov 2021 10:52

Instrument :

BNA_P

ClientSampleId :

PB140340BL



Tgt Ion:264 Resp: 1092843

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 21.9 16.7 25.1

