

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008399.D
 Acq On : 14 Dec 2021 18:32
 Operator : CG/JU
 Sample : PB141306BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141306BL

Quant Time: Dec 14 19:06:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

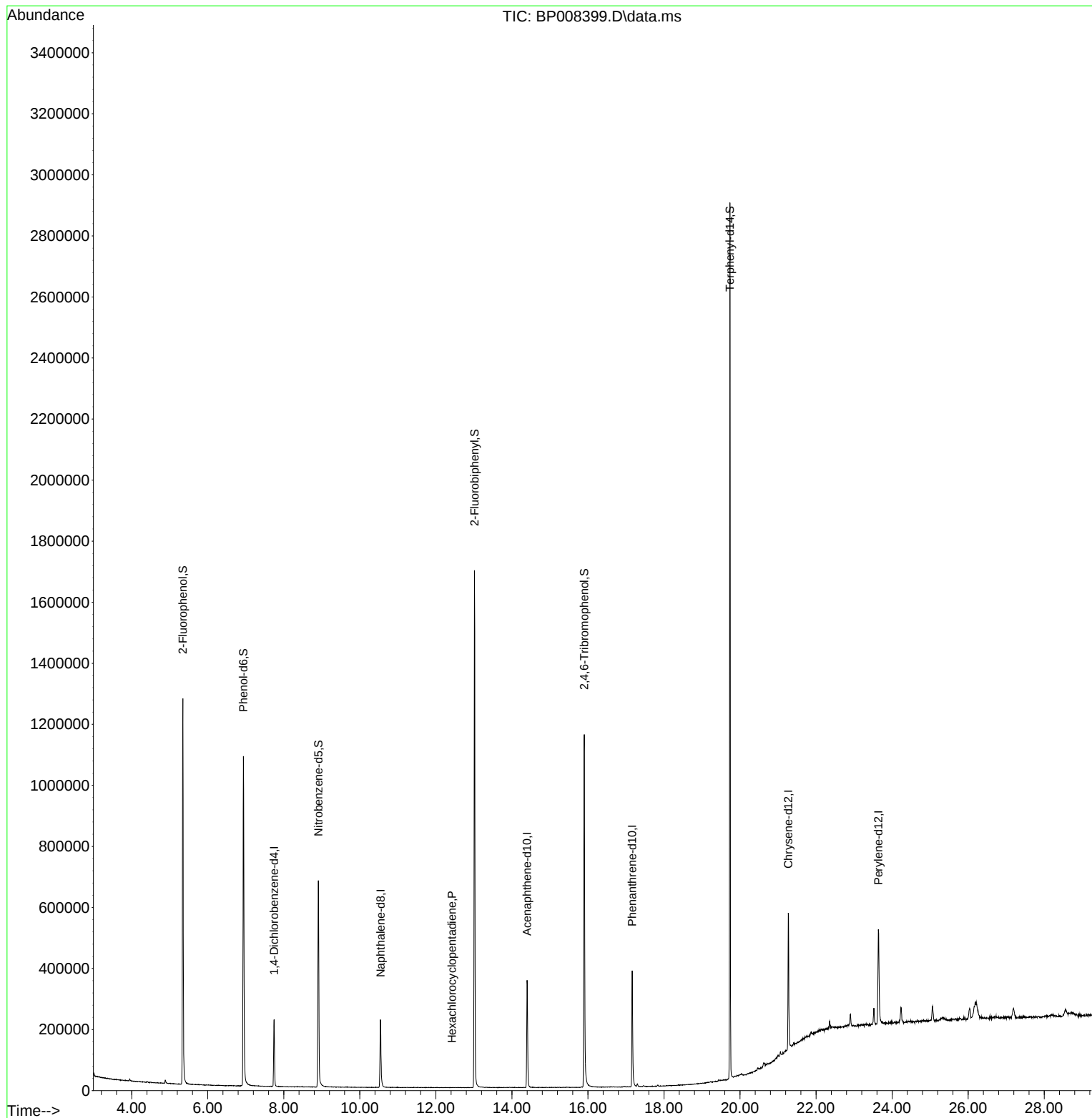
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	56892	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	204340	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	135302	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	269138	20.000	ng	0.00
76) Chrysene-d12	21.269	240	256225	20.000	ng	0.00
86) Perylene-d12	23.639	264	277045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	514469	142.809	ng	0.00
7) Phenol-d6	6.940	99	639642	132.202	ng	0.00
23) Nitrobenzene-d5	8.910	82	431248	89.409	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	263728	132.635	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	907336	85.247	ng	0.00
79) Terphenyl-d14	19.733	244	1297655	88.142	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	72	Below Cal	#	1
9) Benzaldehyde	6.858	77	174	Below Cal	#	10
41) Hexachlorocyclopentadiene	12.422	237	16	8.662 ng		76

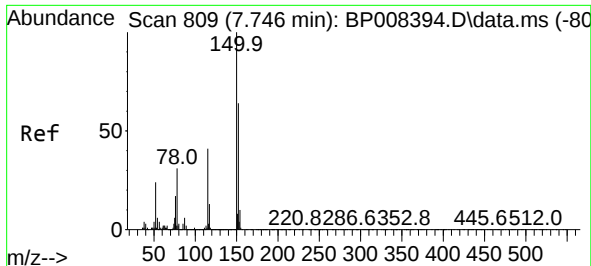
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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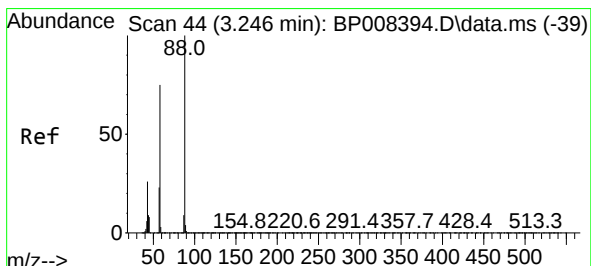
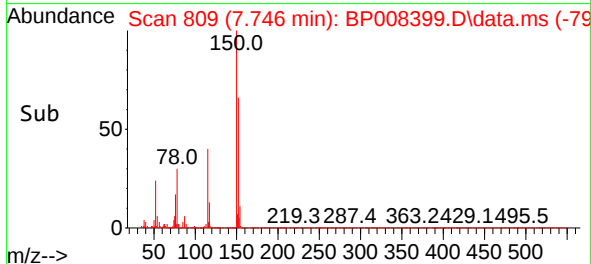
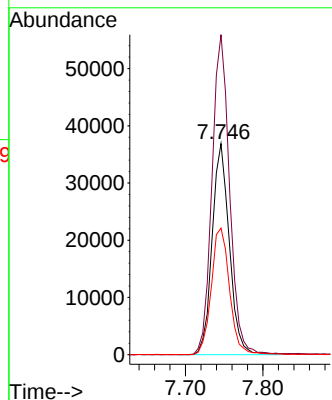
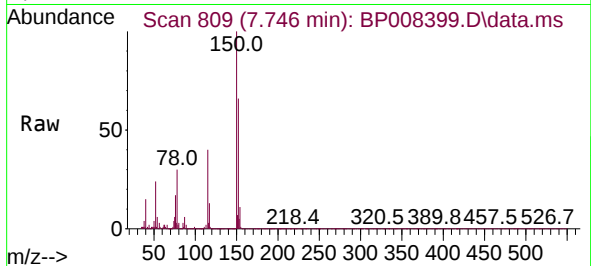




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

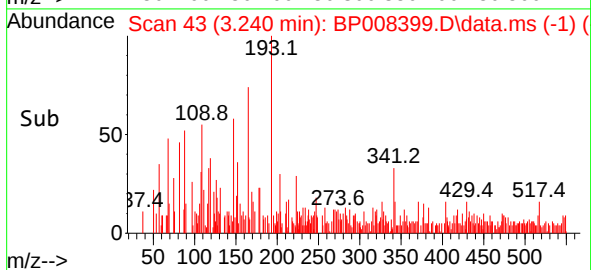
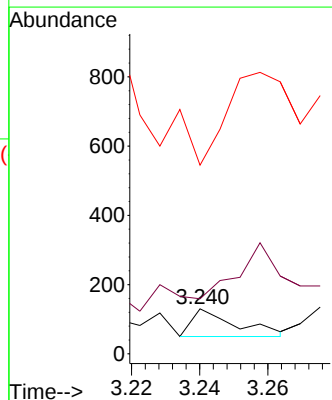
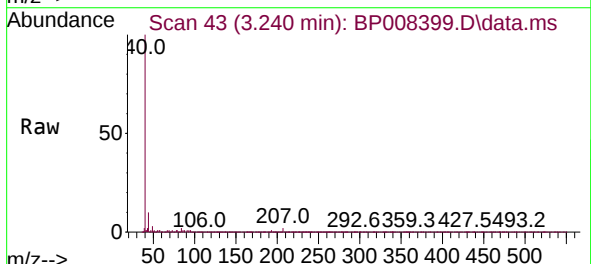
Instrument :
BNA_P
ClientSampleId :
PB141306BL

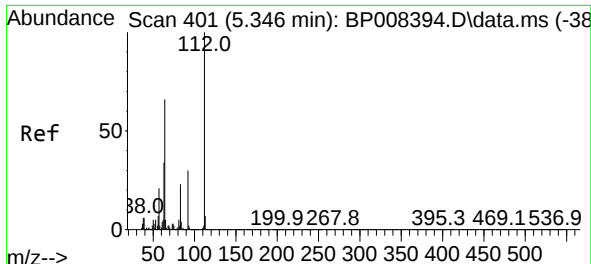
Tgt Ion:152 Resp: 56892
Ion Ratio Lower Upper
152 100
150 151.6 125.7 188.5
115 60.0 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
58 455.6 63.5 95.3#
43 712.5 23.4 35.2#

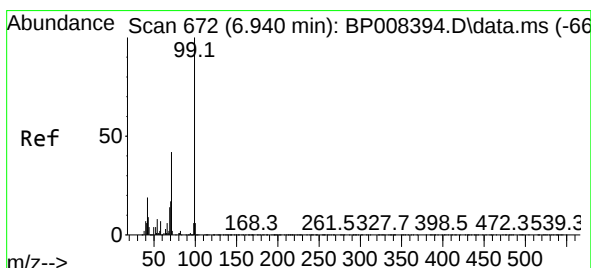
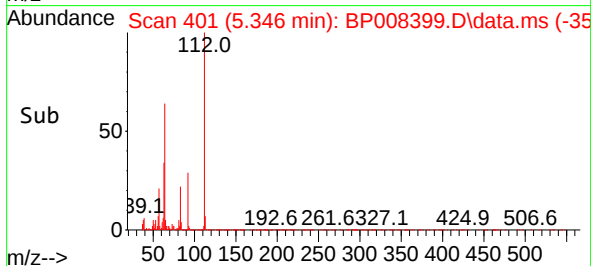
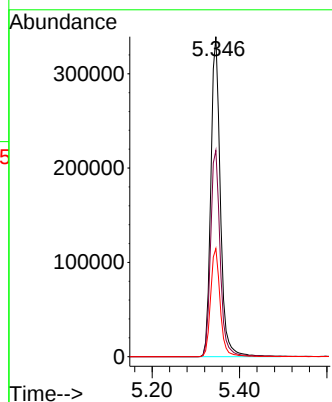
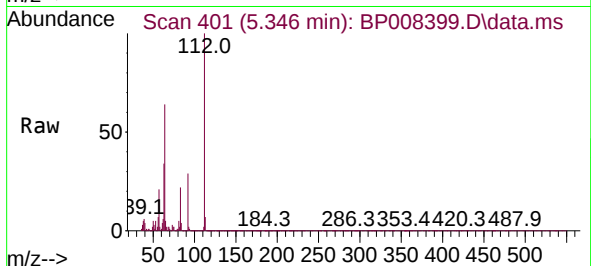




#5
2-Fluorophenol
Concen: 142.809 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

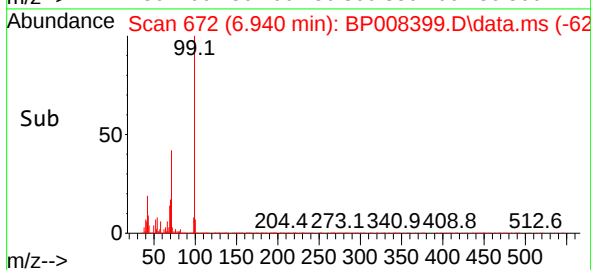
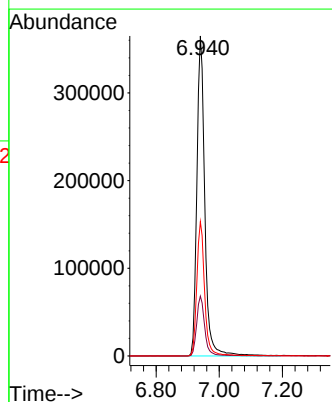
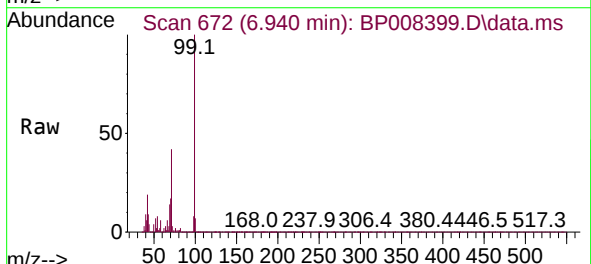
Instrument :
BNA_P
ClientSampleId :
PB141306BL

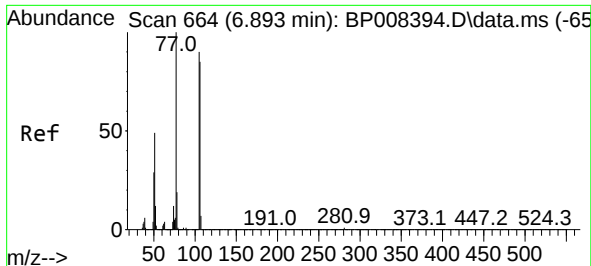
Tgt Ion:	112	Resp:	514469
Ion	Ratio	Lower	Upper
112	100		
64	64.5	53.4	80.2
63	33.8	27.8	41.8



#7
Phenol-d6
Concen: 132.202 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

Tgt Ion:	99	Resp:	639642
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	22.0
71	41.9	31.1	46.7

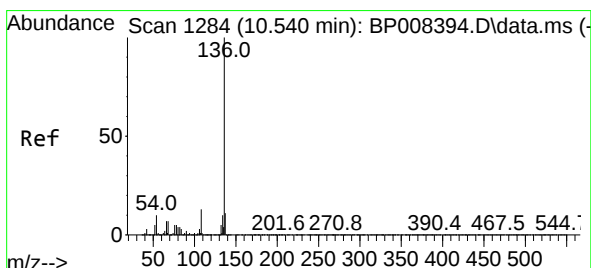
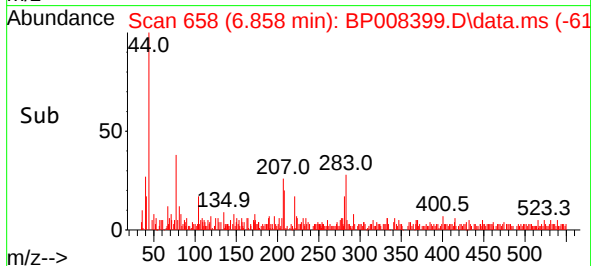
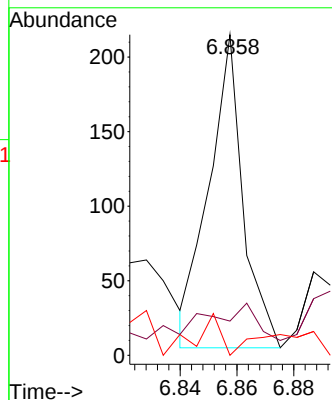
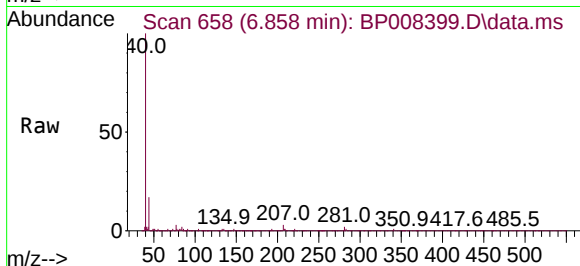




#9
Benzaldehyde
Concen: Below Cal
RT: 6.858 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

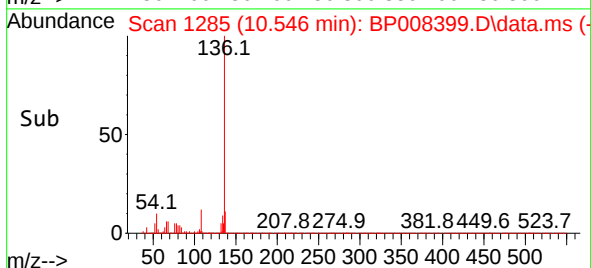
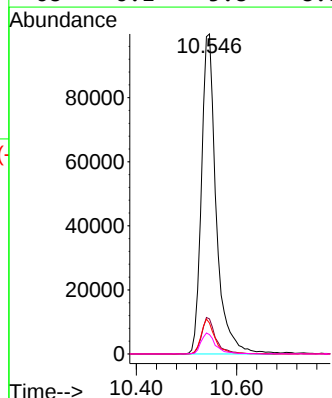
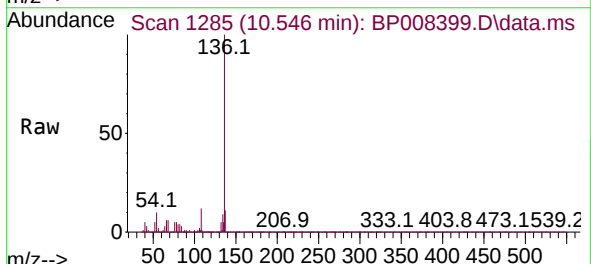
Instrument :
BNA_P
ClientSampleId :
PB141306BL

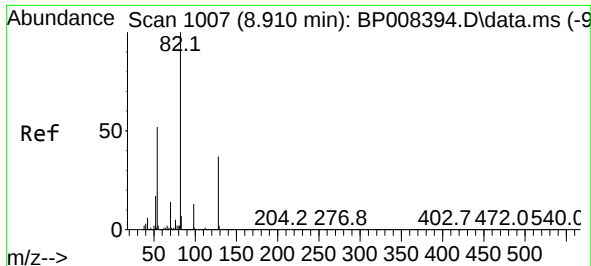
Tgt Ion: 77 Resp: 174
Ion Ratio Lower Upper
77 100
105 10.7 71.8 111.8#
106 0.0 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

Tgt Ion: 136 Resp: 204340
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.7 8.2 12.4
68 6.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 89.409 ng

RT: 8.910 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BP008399.D

Acq: 14 Dec 2021 18:32

Instrument :

BNA_P

ClientSampleId :

PB141306BL

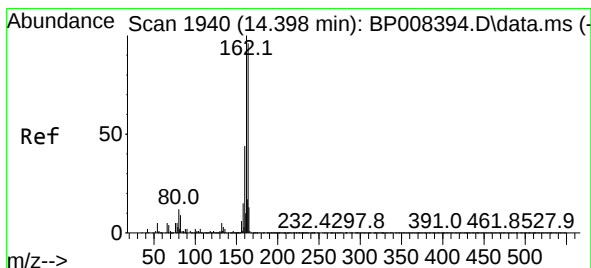
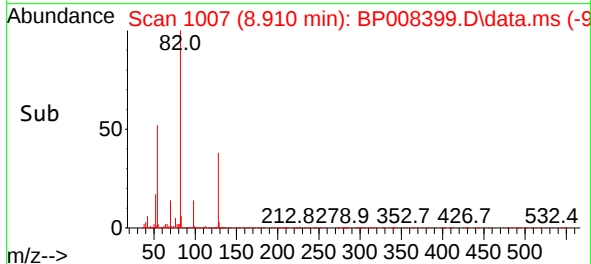
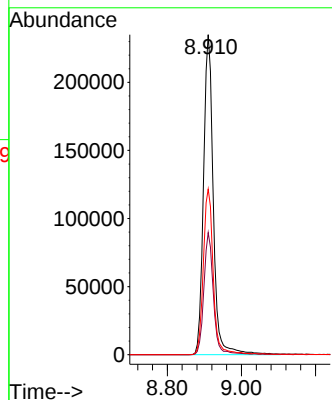
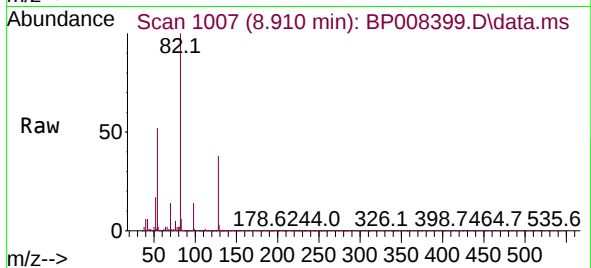
Tgt Ion: 82 Resp: 431248

Ion Ratio Lower Upper

82 100

128 38.1 29.6 44.4

54 51.8 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP008399.D

Acq: 14 Dec 2021 18:32

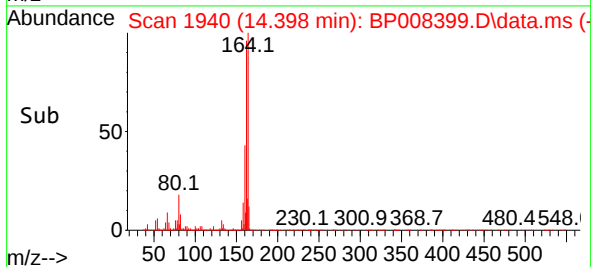
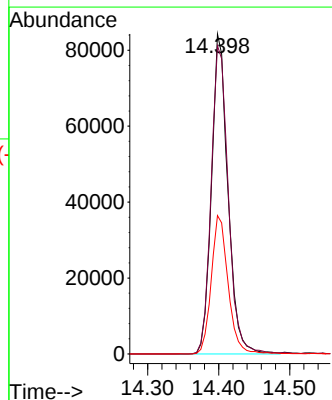
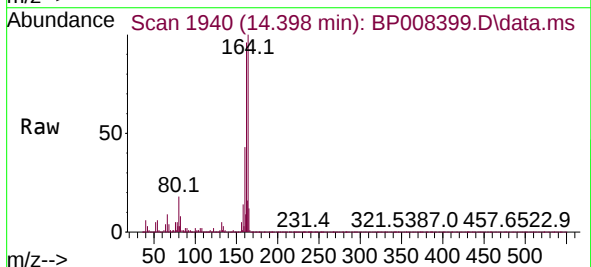
Tgt Ion: 164 Resp: 135302

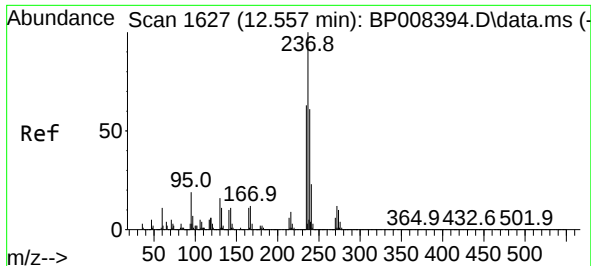
Ion Ratio Lower Upper

164 100

162 96.3 81.9 122.9

160 43.2 35.4 53.0

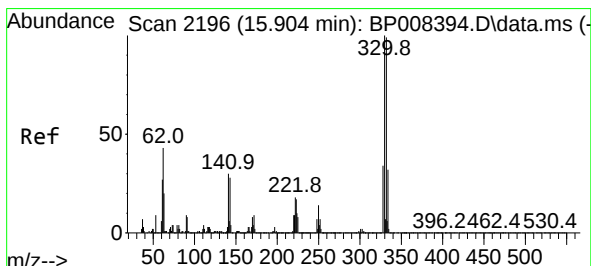
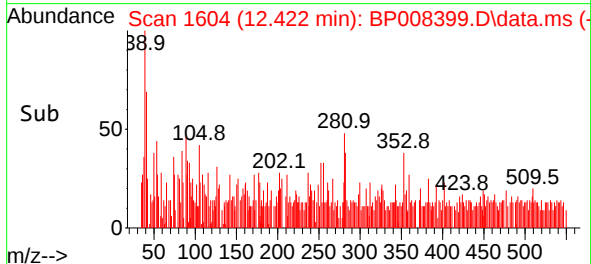
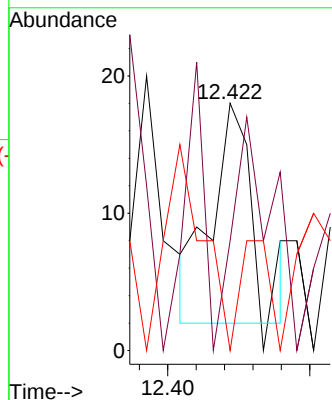
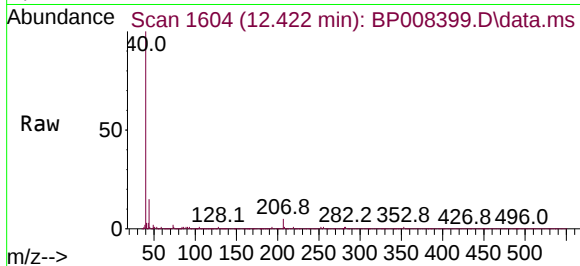




#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.135 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

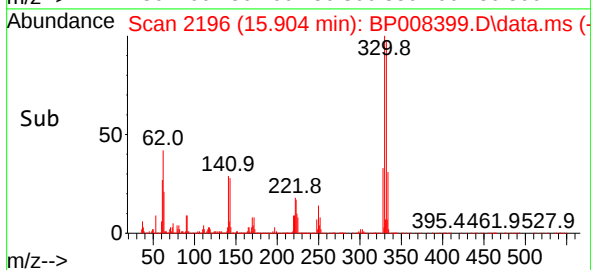
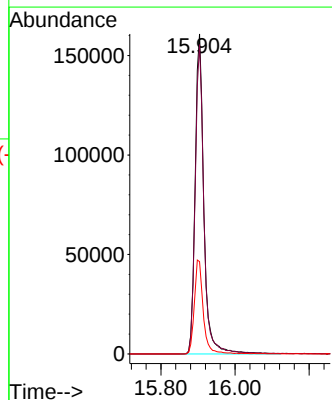
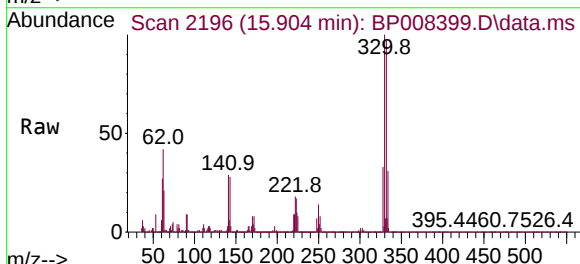
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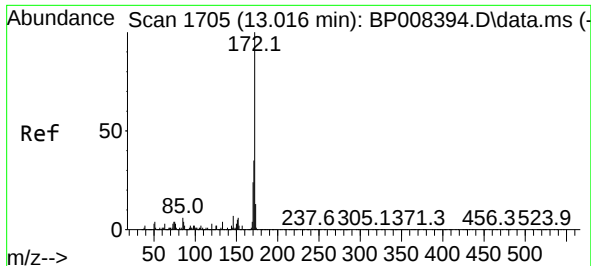
Tgt Ion:	237	Resp:	16
Ion	Ratio	Lower	Upper
237	100		
235	44.4	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 132.635 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

Tgt Ion:	330	Resp:	263728
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	29.9	28.4	42.6

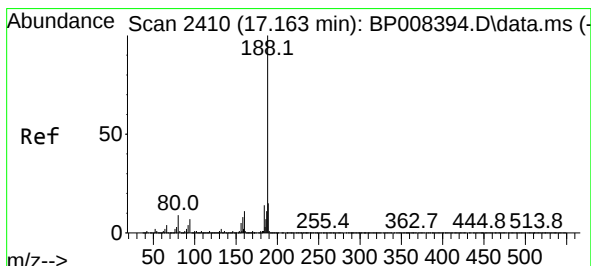
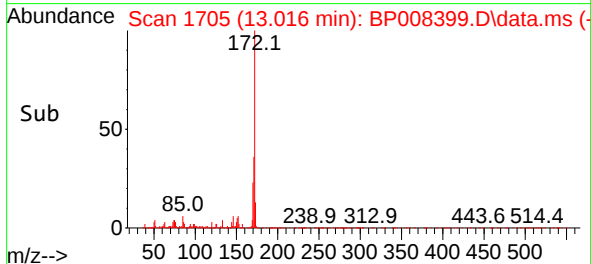
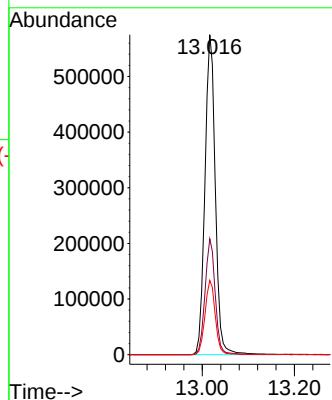
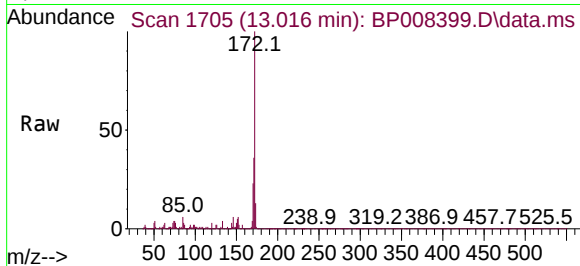




#45
2-Fluorobiphenyl
Concen: 85.247 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

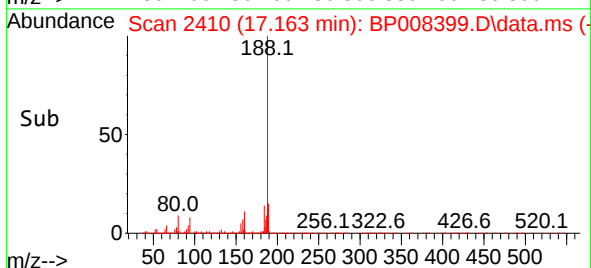
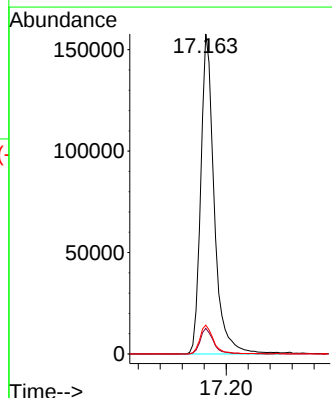
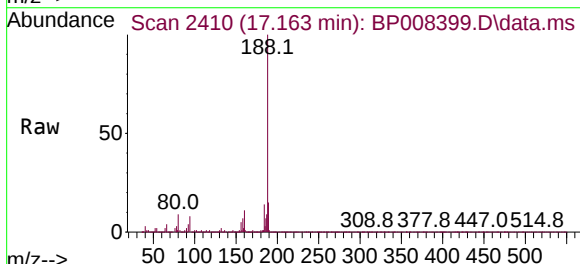
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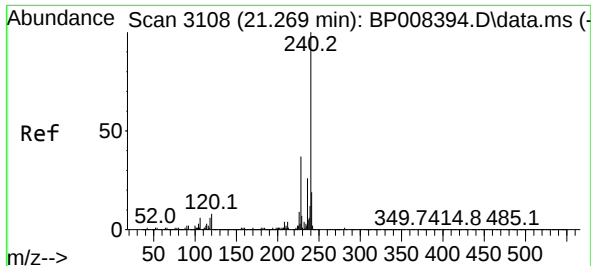
Tgt Ion:172 Resp: 907336
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

Tgt Ion:188 Resp: 269138
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.0 8.2 12.4

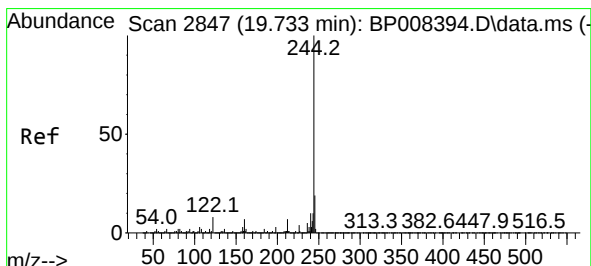
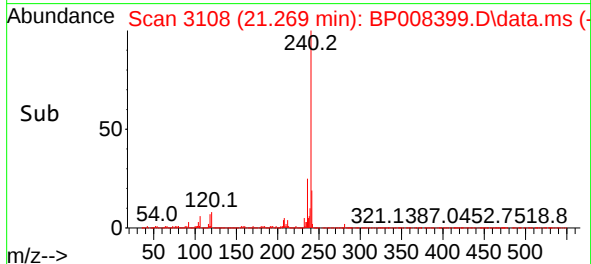
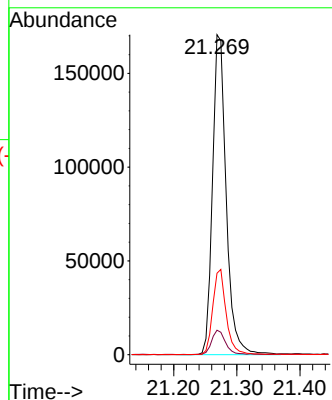
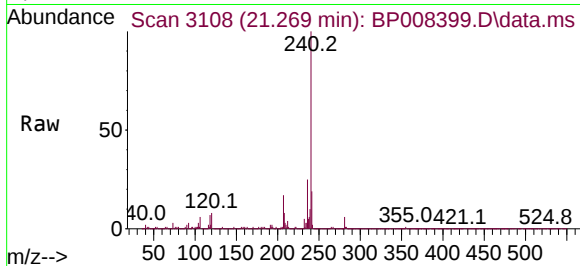




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

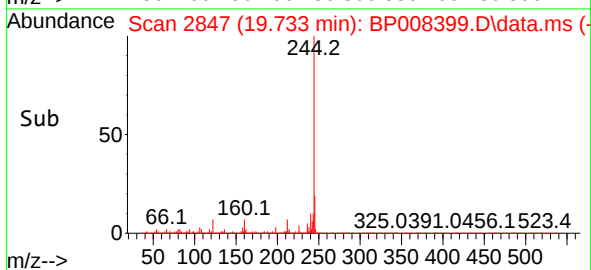
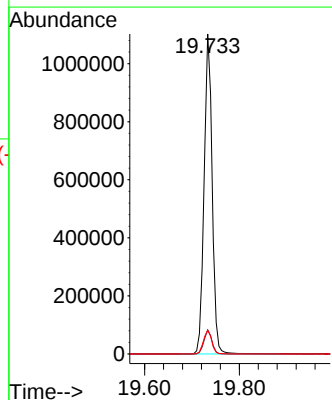
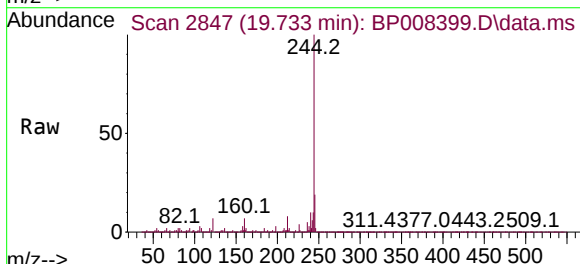
Instrument :
BNA_P
ClientSampleId :
PB141306BL

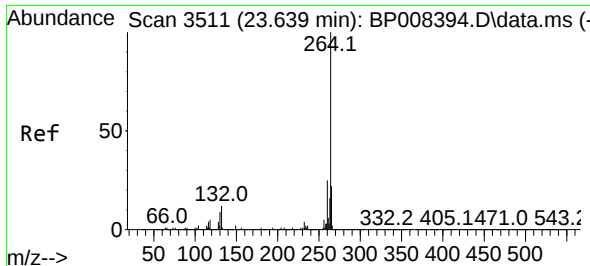
Tgt Ion:240 Resp: 256225
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 25.5 21.4 32.2



#79
Terphenyl-d14
Concen: 88.142 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008399.D
Acq: 14 Dec 2021 18:32

Tgt Ion:244 Resp: 1297655
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.5 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP008399.D
 Acq: 14 Dec 2021 18:32

Instrument :
 BNA_P
 ClientSampleId :
 PB141306BL

Tgt Ion:264 Resp: 277045
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.1 17.6 26.4

