

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008440.D
 Acq On : 16 Dec 2021 06:13
 Operator : CG/JU
 Sample : M4812-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SETTLING-TANK-01

Quant Time: Dec 16 07:49:50 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)

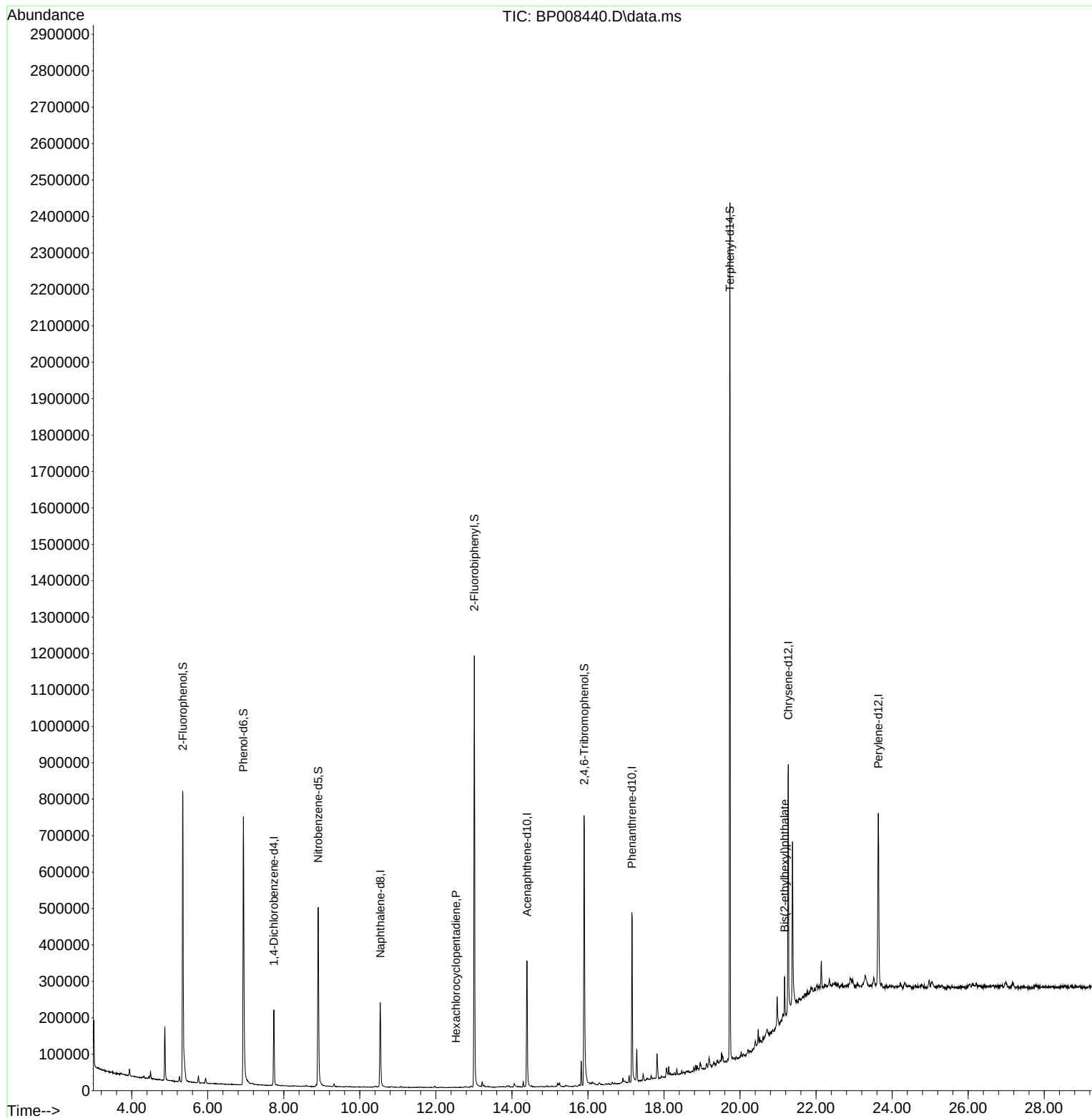
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	53096	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	199082	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	130883	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	292814	20.000	ng	0.00
76) Chrysene-d12	21.269	240	343513	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	381461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	351886	104.662	ng	0.00
7) Phenol-d6	6.940	99	464688	102.908	ng	0.00
23) Nitrobenzene-d5	8.904	82	314826	66.995	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	168533	87.621	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	617105	59.936	ng	0.00
79) Terphenyl-d14	19.733	244	1084610	54.951	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	63	Below Cal	#	1
9) Benzaldehyde	6.899	77	197	Below Cal	#	33
41) Hexachlorocyclopentadiene	12.528	237	23	8.667	ng	90
84) Bis(2-ethylhexyl)phtha...	21.174	149	35488	2.817	ng	# 96

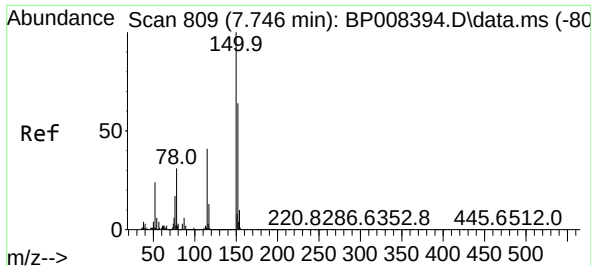
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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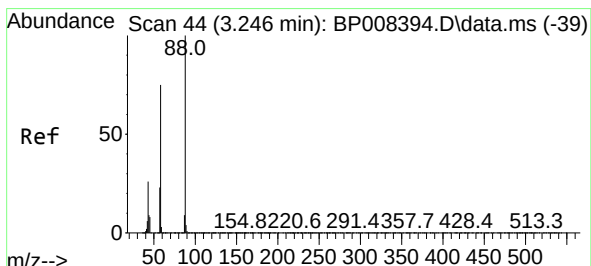
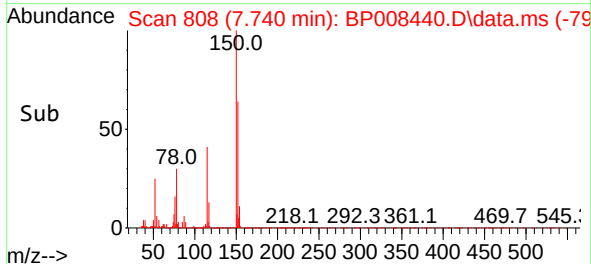
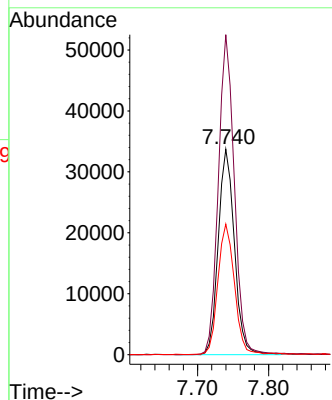
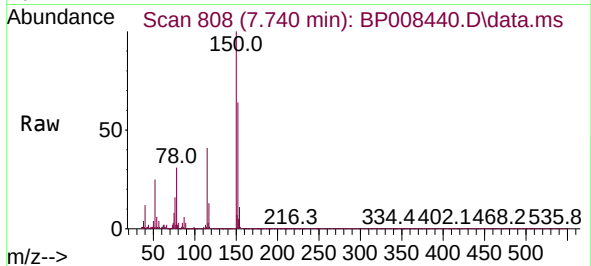




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008440.D
 Acq: 16 Dec 2021 06:13

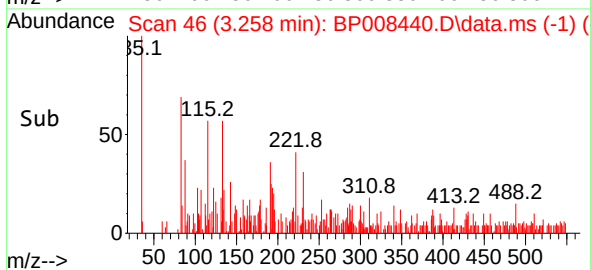
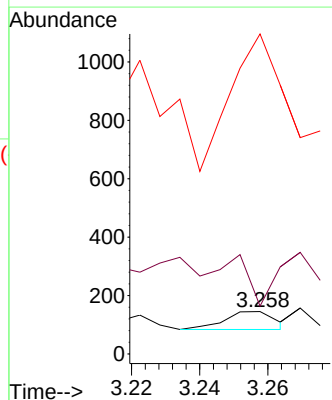
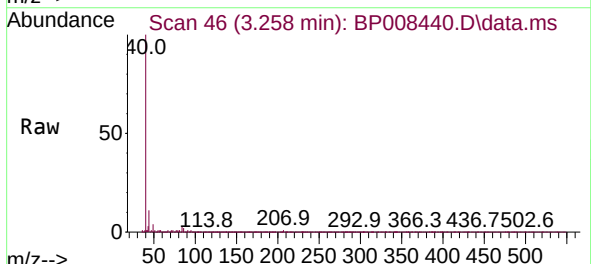
Instrument :
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 ClientSampleId :
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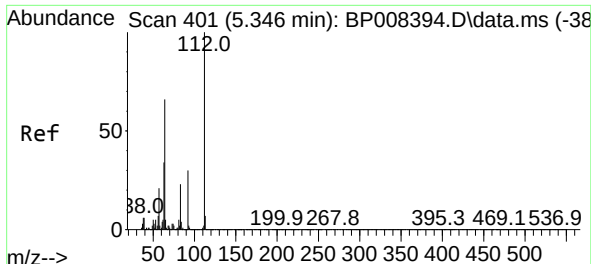
Tgt Ion:152 Resp: 53096
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.7 188.5
 115 63.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.258 min Scan# 46
 Delta R.T. 0.012 min
 Lab File: BP008440.D
 Acq: 16 Dec 2021 06:13

Tgt Ion: 88 Resp: 63
 Ion Ratio Lower Upper
 88 100
 58 315.9 63.5 95.3#
 43 0.0 23.4 35.2#

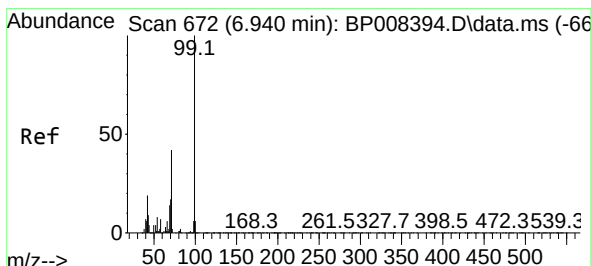
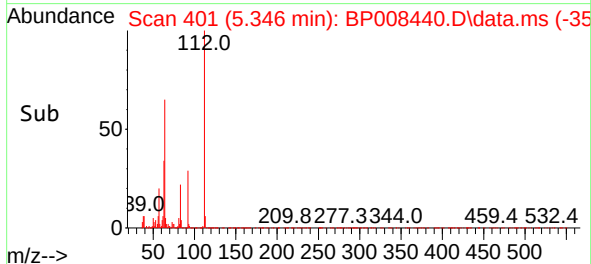
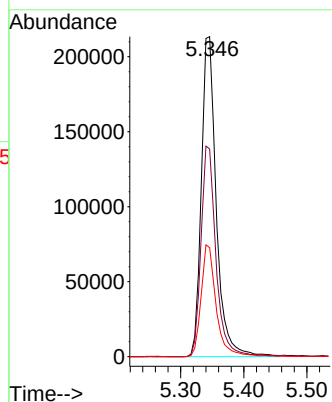
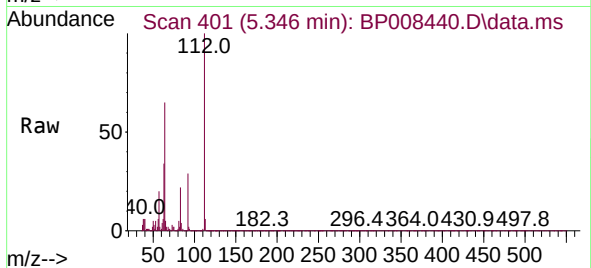




#5
2-Fluorophenol
Concen: 104.662 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

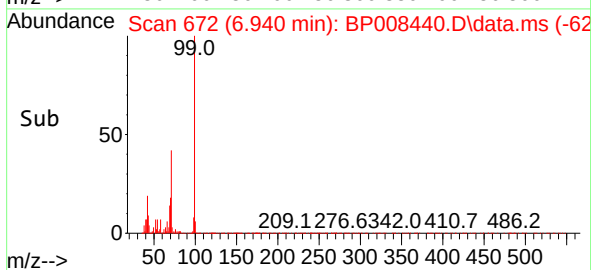
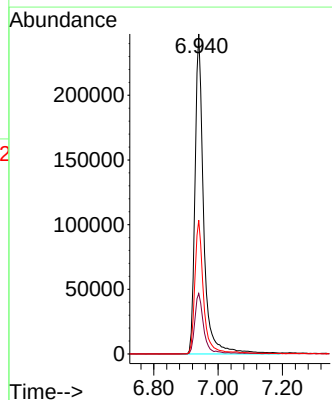
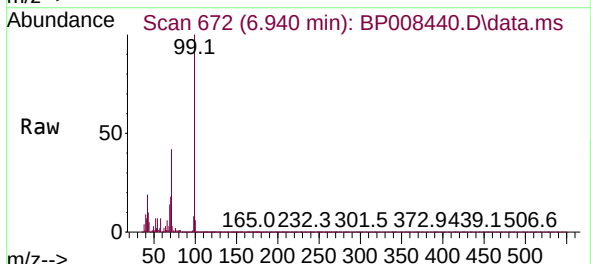
Instrument :
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ClientSampleId :
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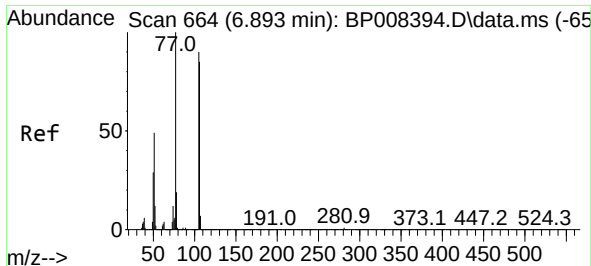
Tgt Ion:112 Resp: 351886
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 34.1 27.8 41.8



#7
Phenol-d6
Concen: 102.908 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

Tgt Ion: 99 Resp: 464688
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 41.8 31.1 46.7

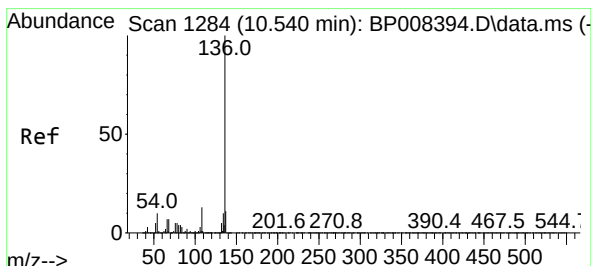
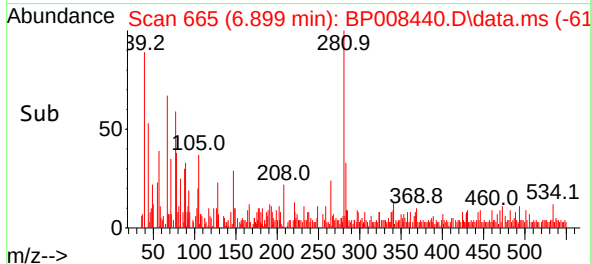
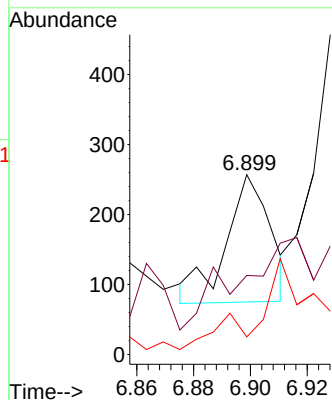
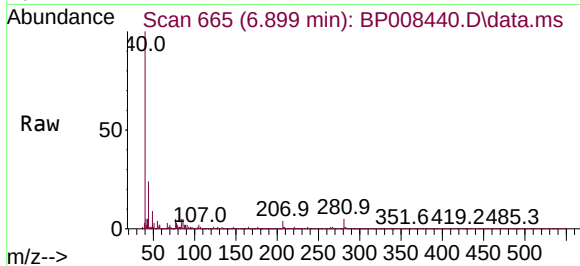




#9
Benzaldehyde
Concen: Below Cal
RT: 6.899 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

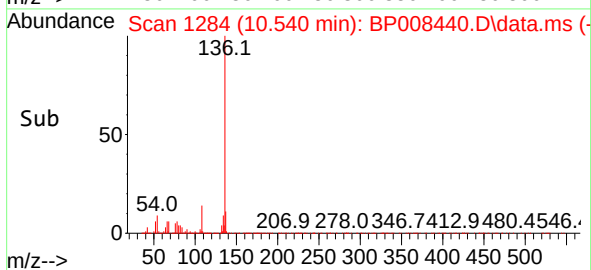
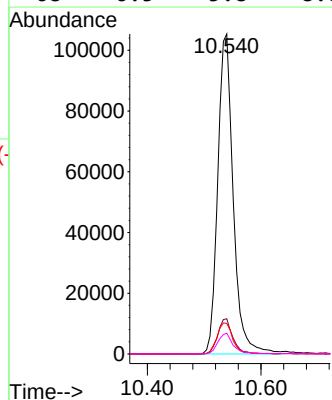
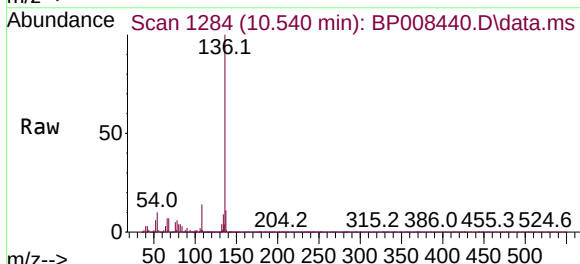
Instrument :
BNA_P
ClientSampleId :
SETTLING-TANK-01

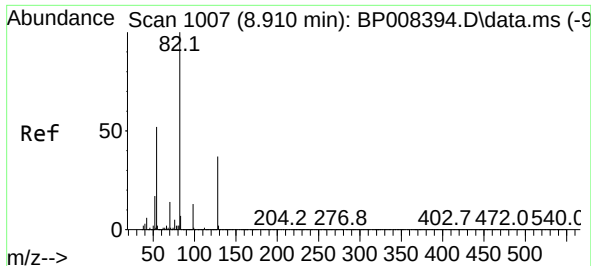
Tgt Ion: 77 Resp: 197
Ion Ratio Lower Upper
77 100
105 44.0 71.8 111.8#
106 9.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

Tgt Ion:136 Resp: 199082
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.5 8.2 12.4
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 66.995 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008440.D

Acq: 16 Dec 2021 06:13

Instrument :

BNA_P

ClientSampleId :

SETTLING-TANK-01

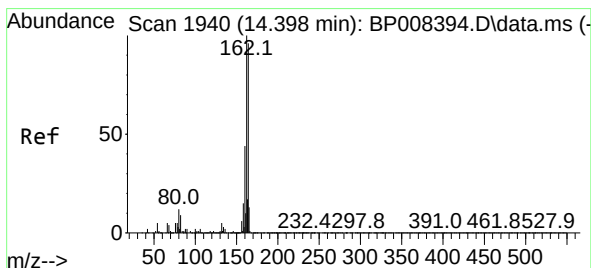
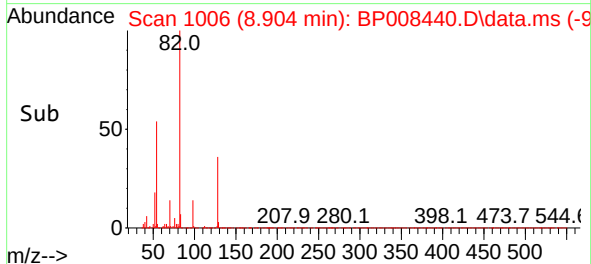
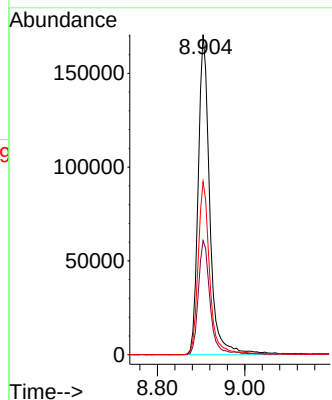
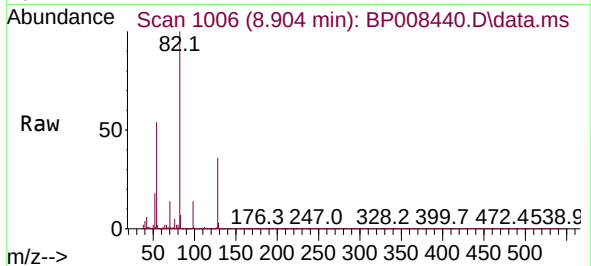
Tgt Ion: 82 Resp: 314826

Ion Ratio Lower Upper

82 100

128 35.6 29.6 44.4

54 54.1 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: BP008440.D

Acq: 16 Dec 2021 06:13

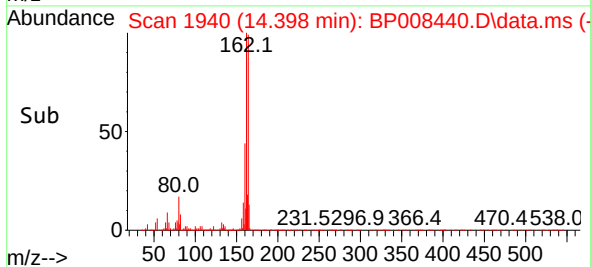
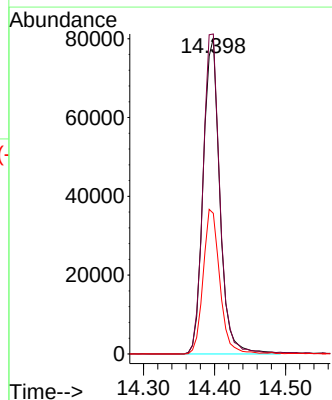
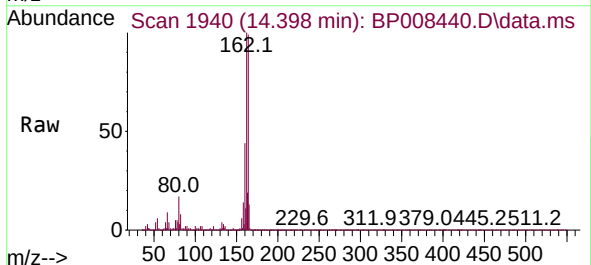
Tgt Ion:164 Resp: 130883

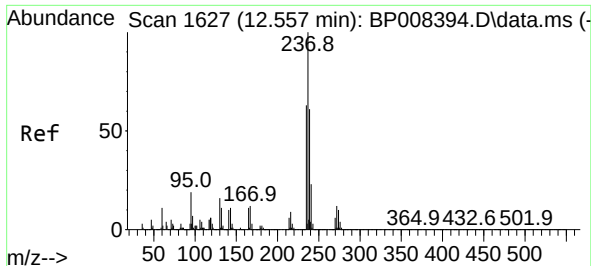
Ion Ratio Lower Upper

164 100

162 101.3 81.9 122.9

160 44.5 35.4 53.0

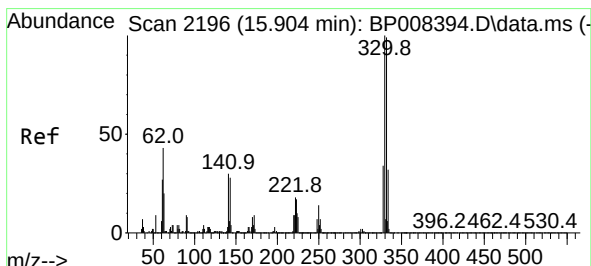
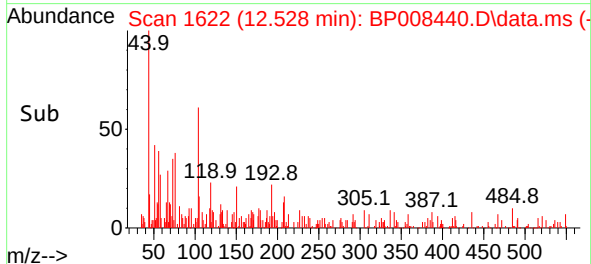
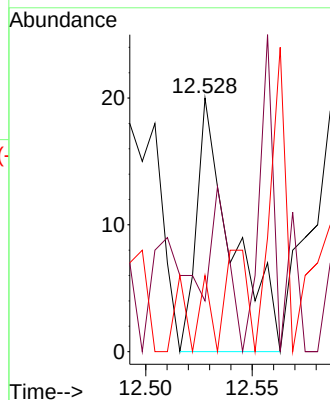
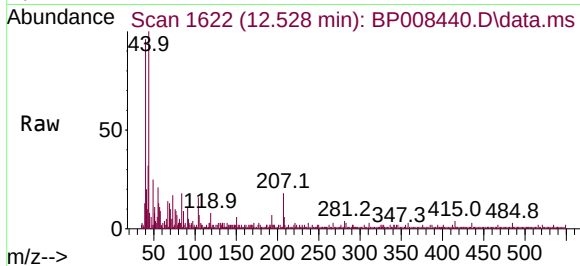




#41
Hexachlorocyclopentadiene
Concen: 8.667 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.029 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

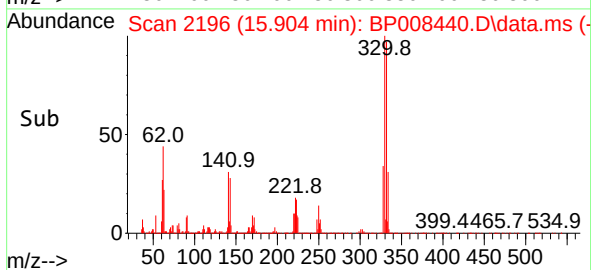
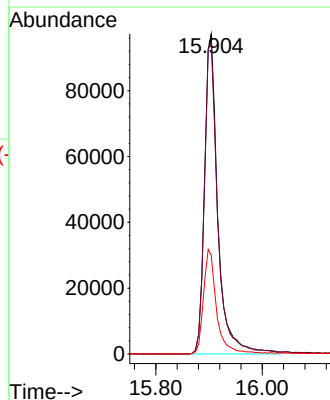
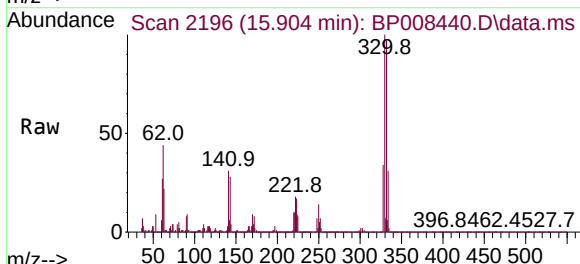
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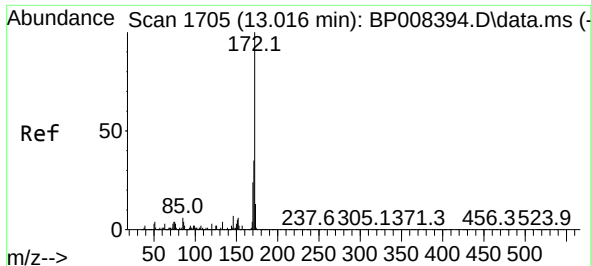
Tgt Ion:237	Resp:	23
Ion Ratio	Lower	Upper
237	100	
235	65.0	42.3 82.3
272	30.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 87.621 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

Tgt Ion:330	Resp:	168533
Ion Ratio	Lower	Upper
330	100	
332	98.6	77.0 115.4
141	32.2	28.4 42.6

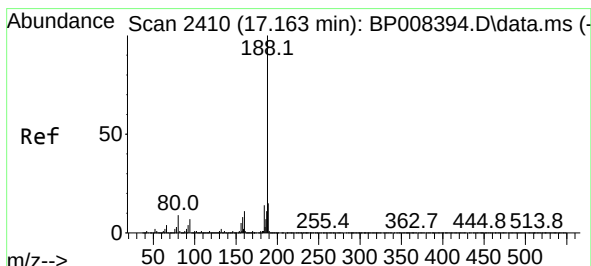
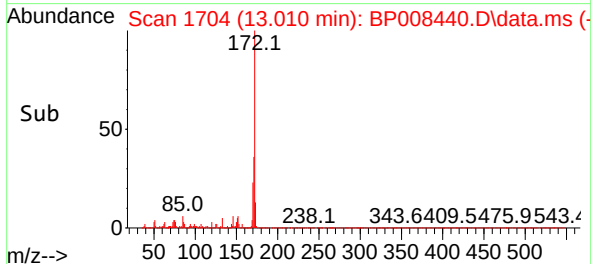
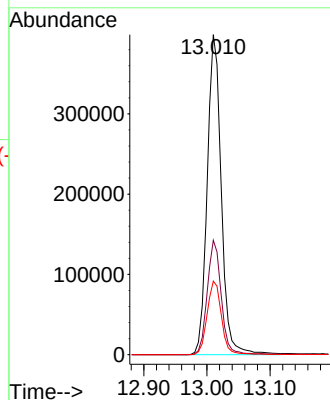
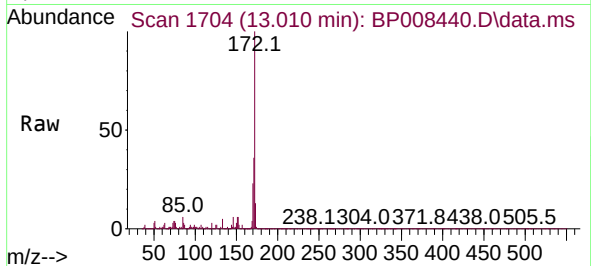




#45
2-Fluorobiphenyl
Concen: 59.936 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

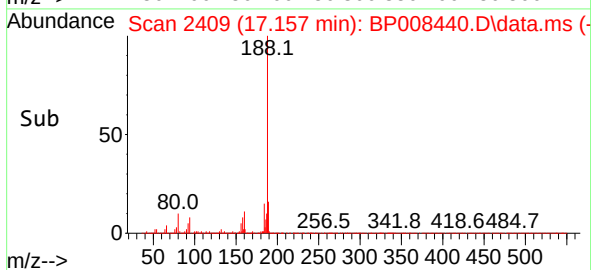
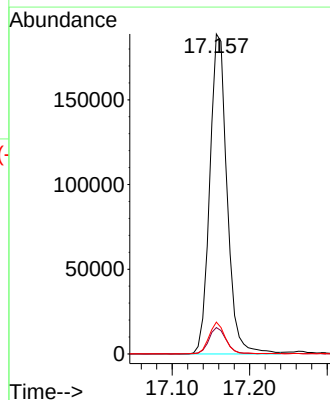
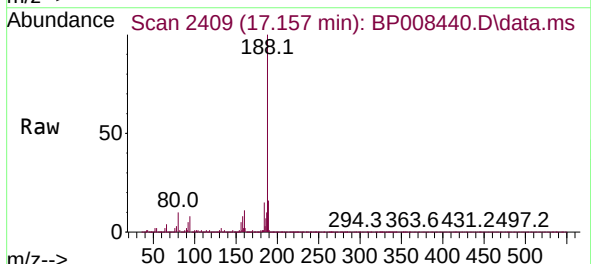
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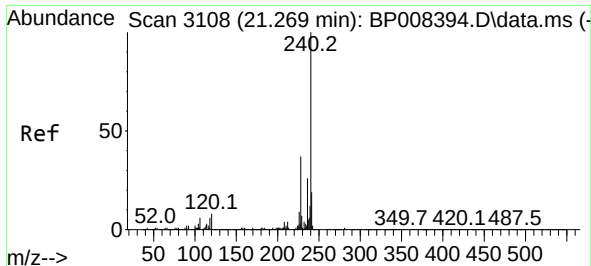
Tgt Ion:172 Resp: 617105
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

Tgt Ion:188 Resp: 292814
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.9 8.2 12.4

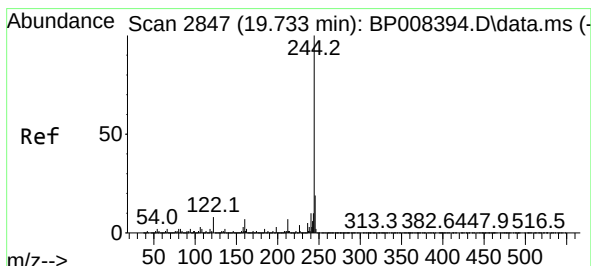
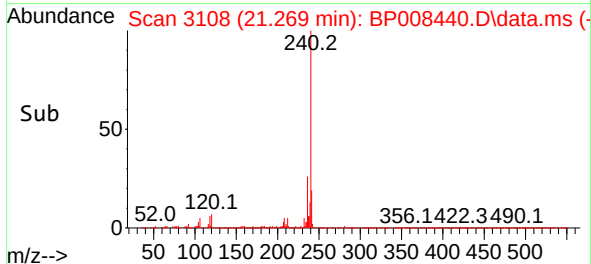
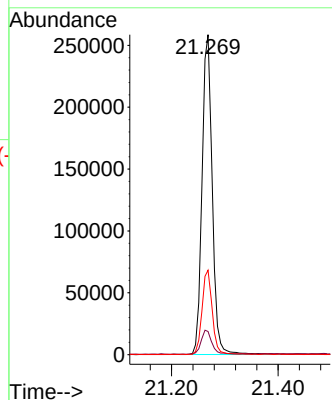
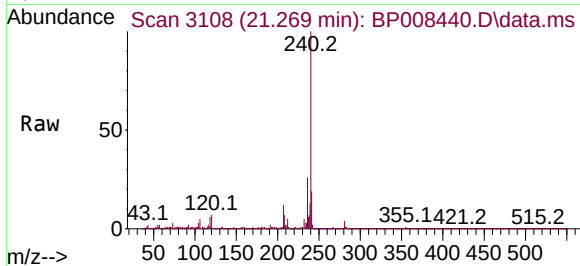




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

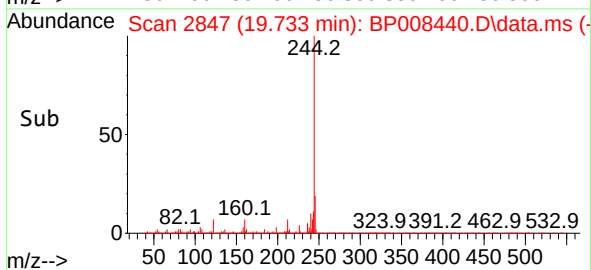
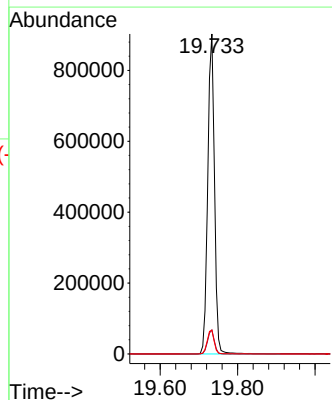
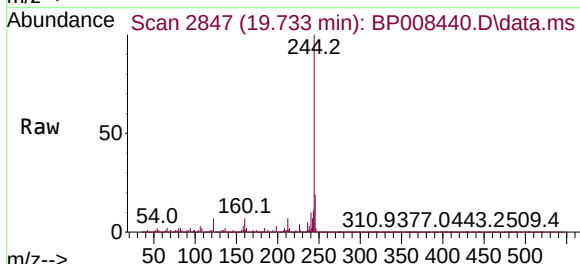
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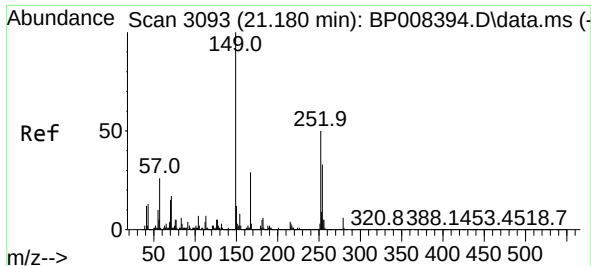
Tgt Ion:240 Resp: 343513
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9#
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 54.951 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

Tgt Ion:244 Resp: 1084610
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.5 6.6 9.8

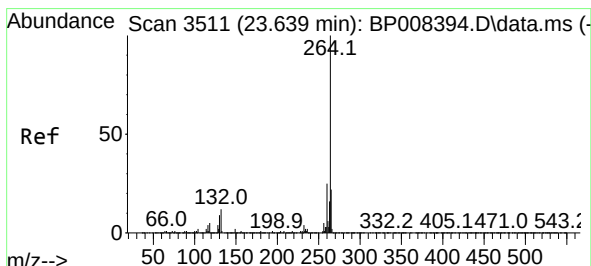
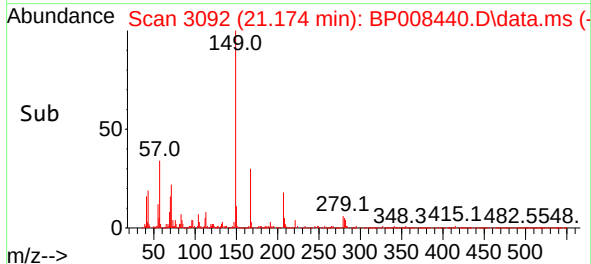
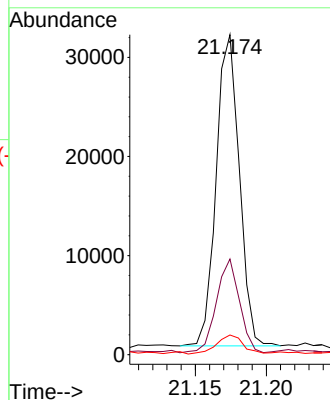
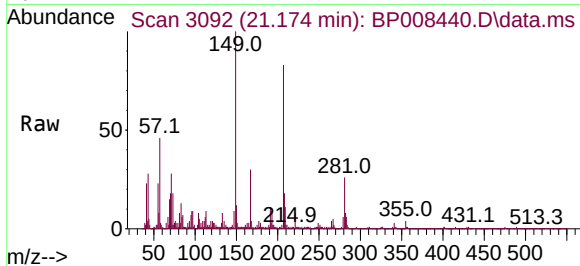




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.817 ng
RT: 21.174 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:149 Resp: 35488
Ion Ratio Lower Upper
149 100
167 29.9 22.5 33.7
279 6.2 3.5 5.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3511
Delta R.T. -0.000 min
Lab File: BP008440.D
Acq: 16 Dec 2021 06:13

Tgt Ion:264 Resp: 381461
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.4 17.6 26.4

