

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008431.D
 Acq On : 16 Dec 2021 01:09
 Operator : CG/JU
 Sample : M5018-49
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP7

Quant Time: Dec 16 06:47:31 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)

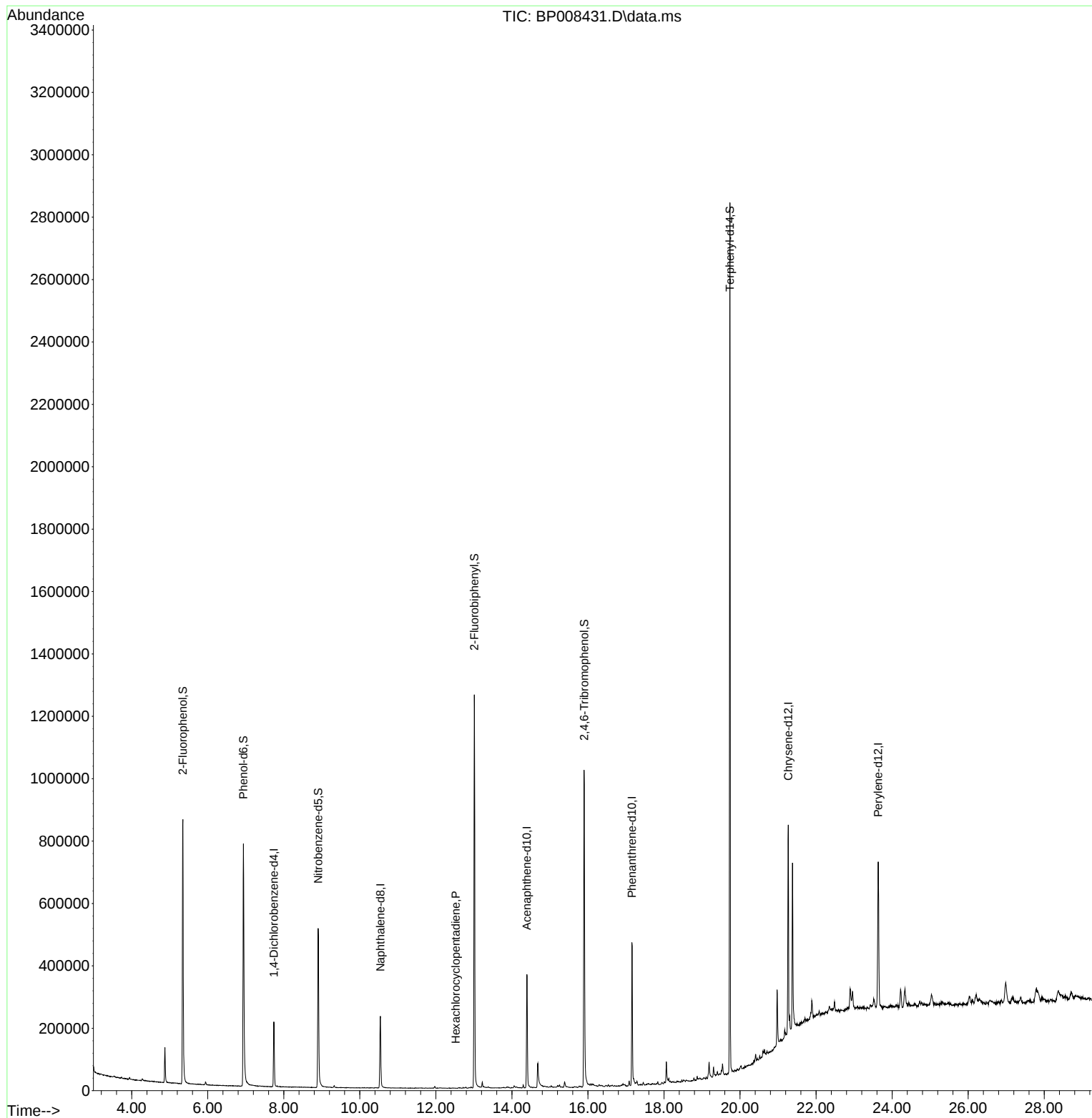
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	54027	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	193567	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	135061	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	292798	20.000	ng	0.00
76) Chrysene-d12	21.268	240	338487	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	375769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	373508	109.178	ng	0.00
7) Phenol-d6	6.940	99	474785	103.333	ng	0.00
23) Nitrobenzene-d5	8.904	82	326670	71.496	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	221501	111.597	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	687577	64.715	ng	0.00
79) Terphenyl-d14	19.733	244	1285440	66.093	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	56	Below Cal	#	1
9) Benzaldehyde	6.846	77	50	Below Cal	#	28
41) Hexachlorocyclopentadiene	12.522	237	7	8.656	ng	82

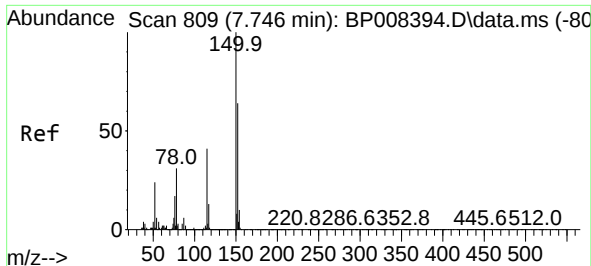
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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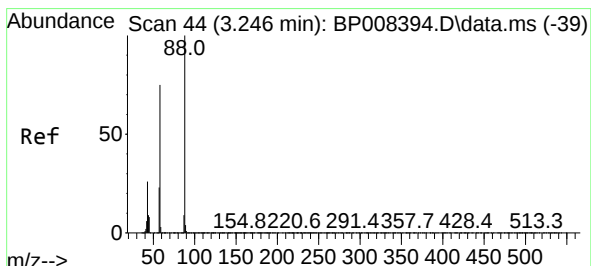
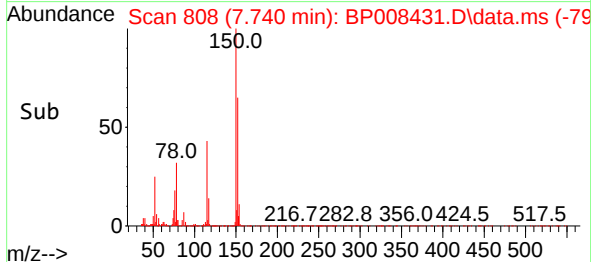
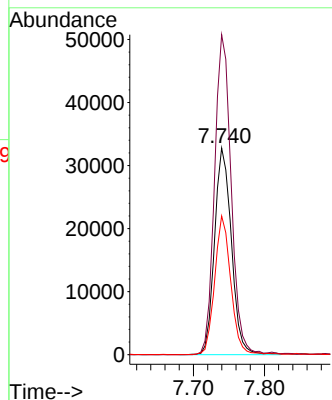
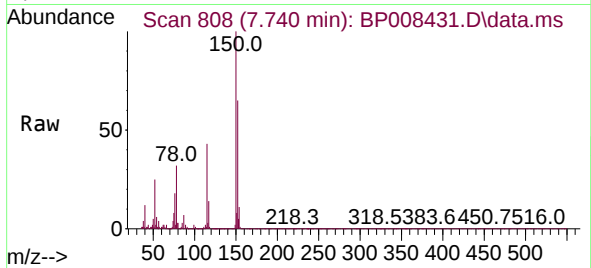




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

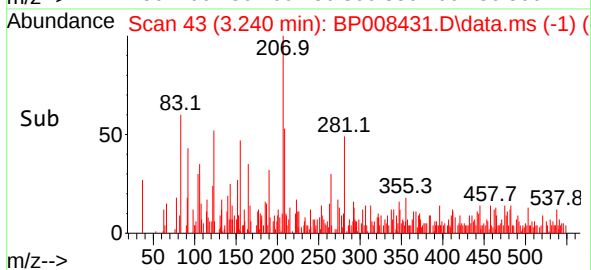
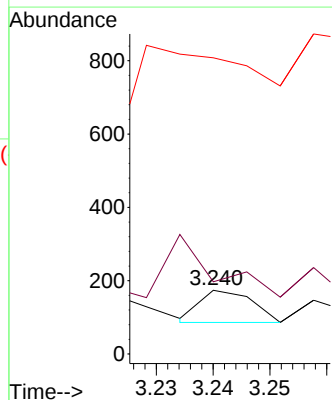
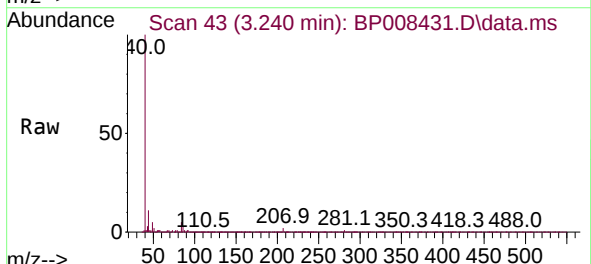
Instrument :
BNA_P
ClientSampleId :
TP7

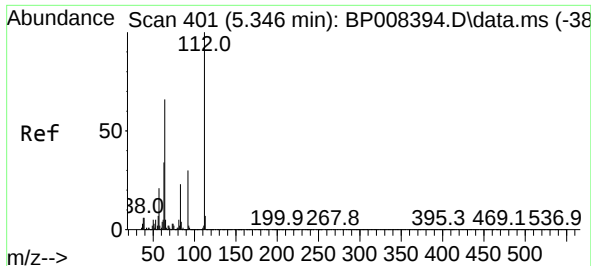
Tgt Ion:152 Resp: 54027
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 67.1 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 180.4 63.5 95.3#
43 869.6 23.4 35.2#

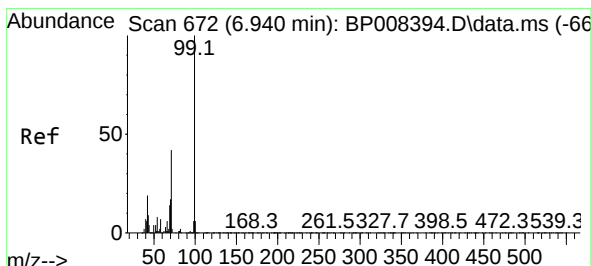
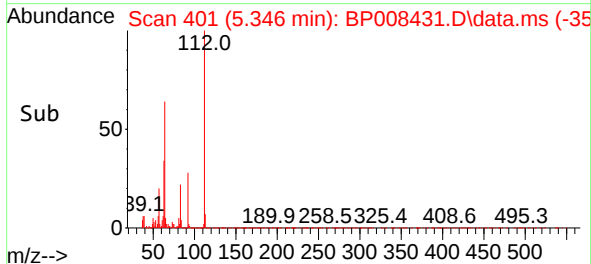
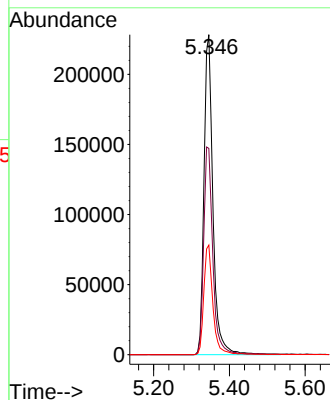
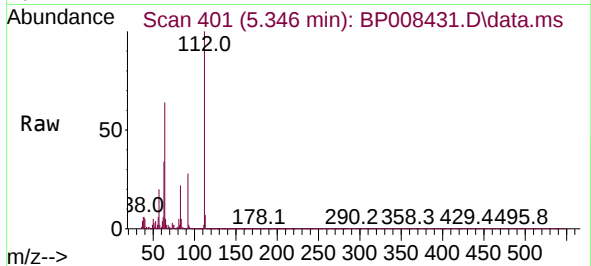




#5
2-Fluorophenol
Concen: 109.178 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

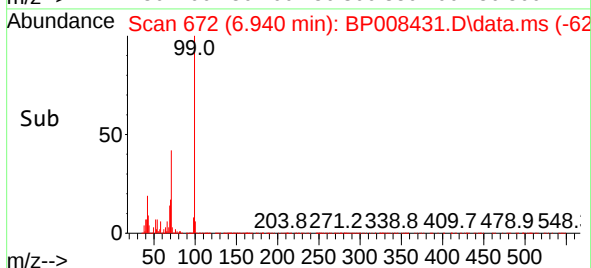
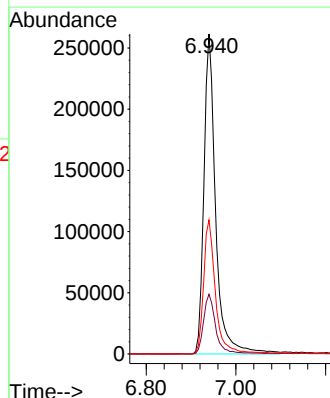
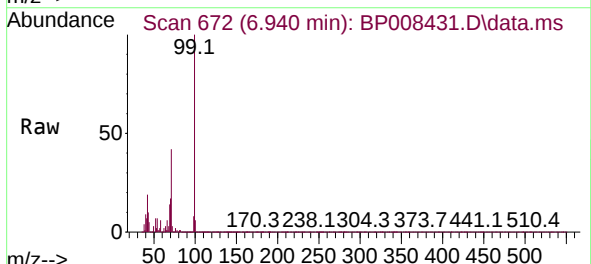
Instrument :
BNA_P
ClientSampleId :
TP7

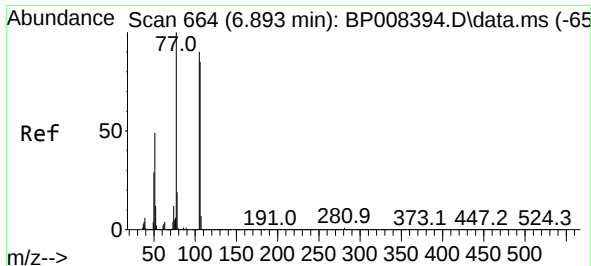
Tgt Ion:112 Resp: 373508
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 34.3 27.8 41.8



#7
Phenol-d6
Concen: 103.333 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

Tgt Ion: 99 Resp: 474785
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 41.9 31.1 46.7

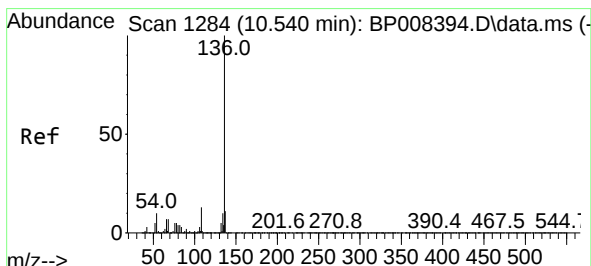
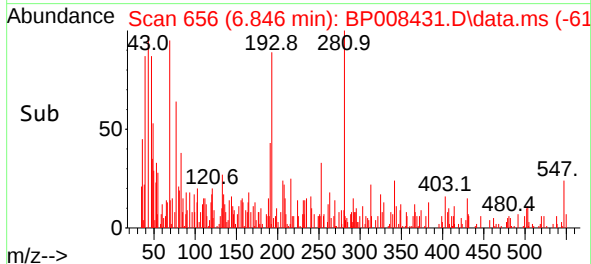
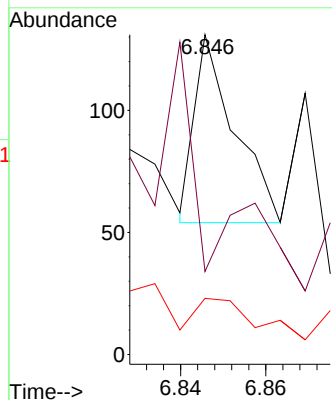
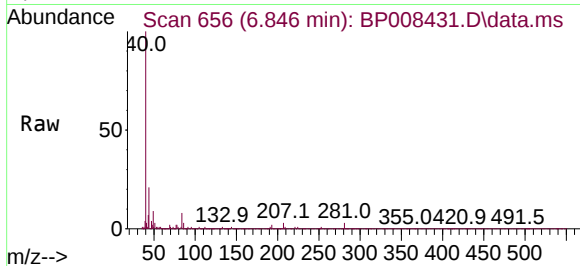




#9
Benzaldehyde
Concen: Below Cal
RT: 6.846 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

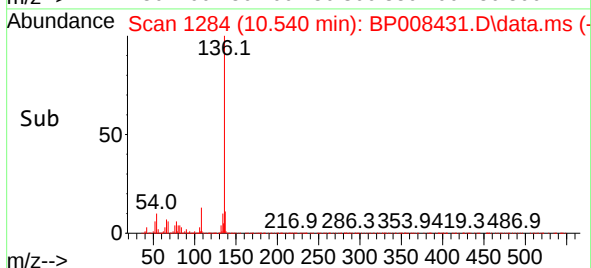
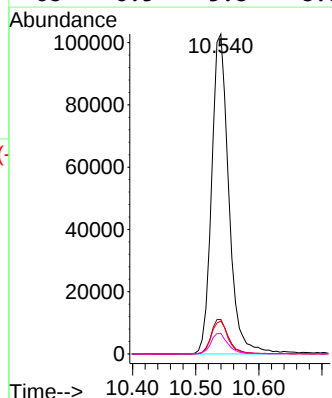
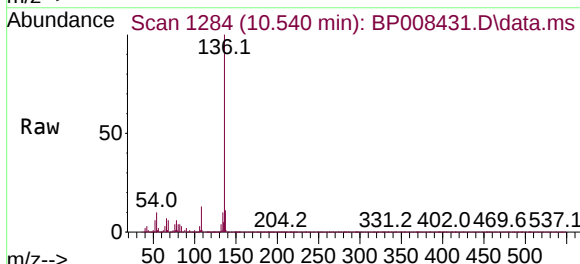
Instrument :
BNA_P
ClientSampleId :
TP7

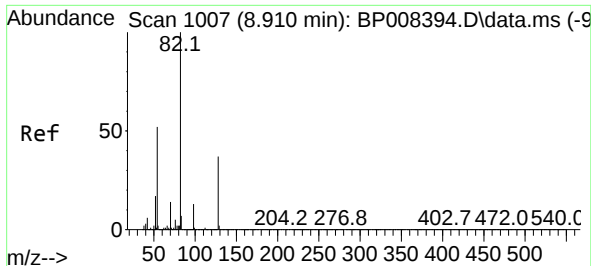
Tgt Ion: 77 Resp: 50
Ion Ratio Lower Upper
77 100
105 26.0 71.8 111.8#
106 17.6 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

Tgt Ion: 136 Resp: 193567
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.3 8.2 12.4
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 71.496 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008431.D

Acq: 16 Dec 2021 01:09

Instrument :

BNA_P

ClientSampleId :

TP7

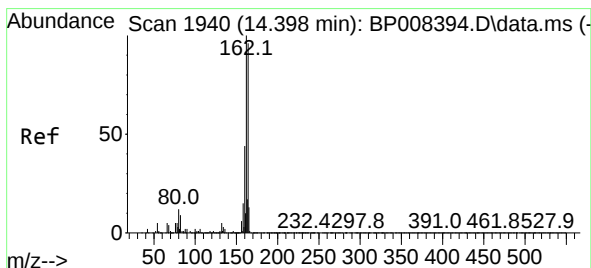
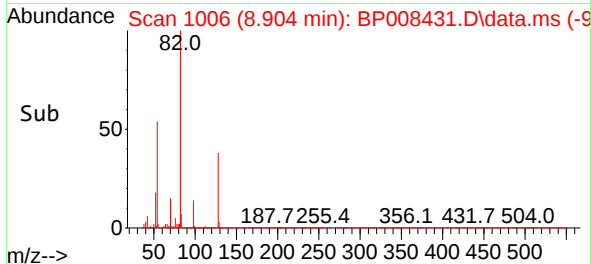
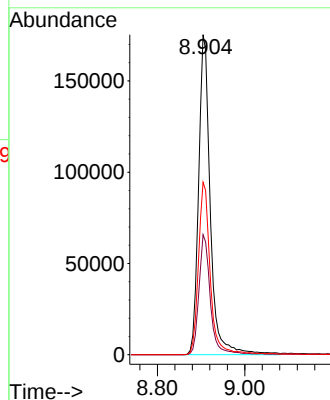
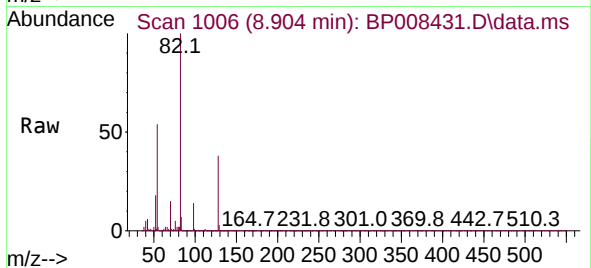
Tgt Ion: 82 Resp: 326670

Ion Ratio Lower Upper

82 100

128 37.5 29.6 44.4

54 53.9 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BP008431.D

Acq: 16 Dec 2021 01:09

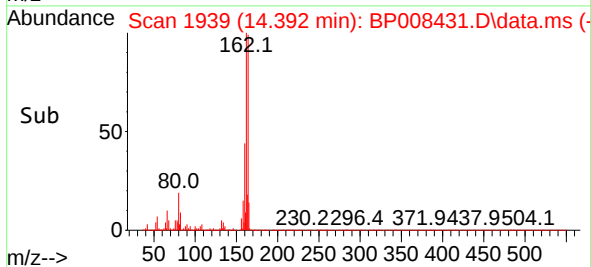
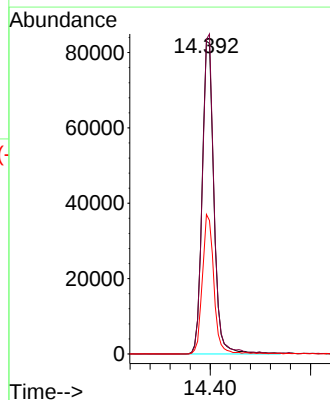
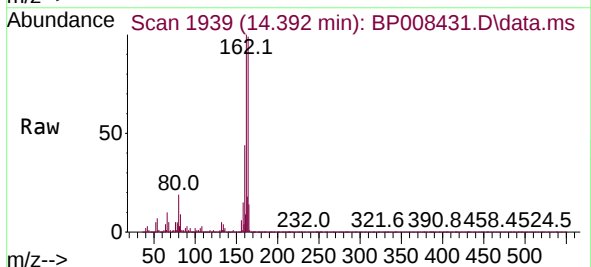
Tgt Ion:164 Resp: 135061

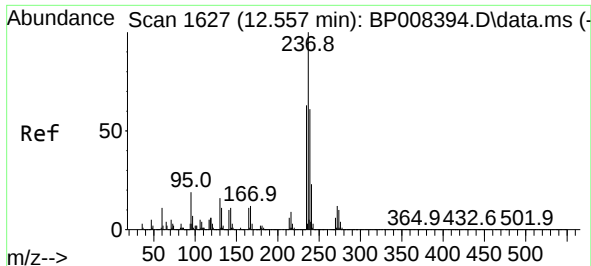
Ion Ratio Lower Upper

164 100

162 100.6 81.9 122.9

160 44.6 35.4 53.0

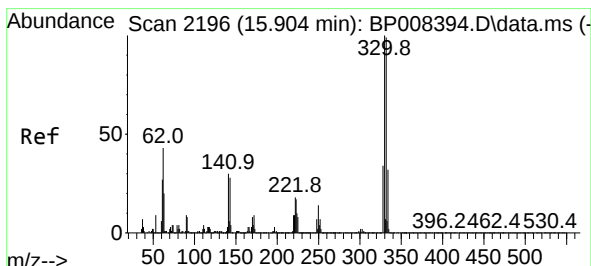
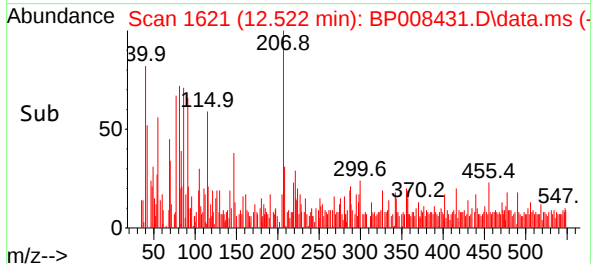
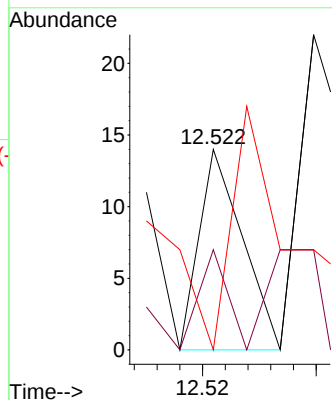
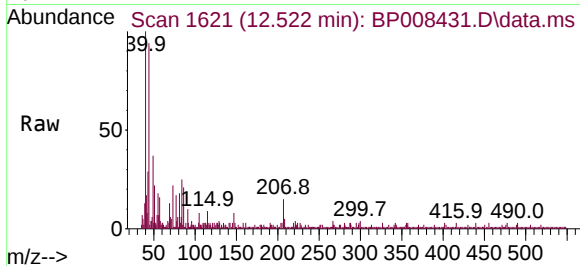




#41
Hexachlorocyclopentadiene
Concen: 8.656 ng
RT: 12.522 min Scan# 1621
Delta R.T. -0.035 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

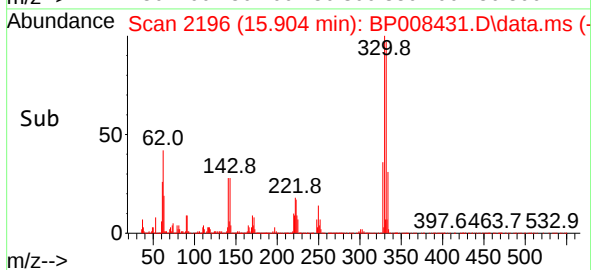
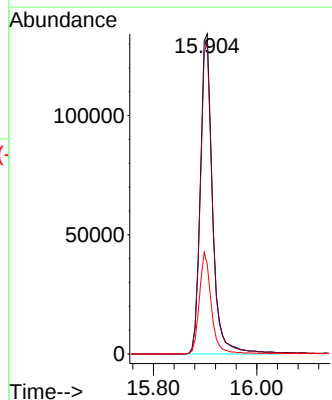
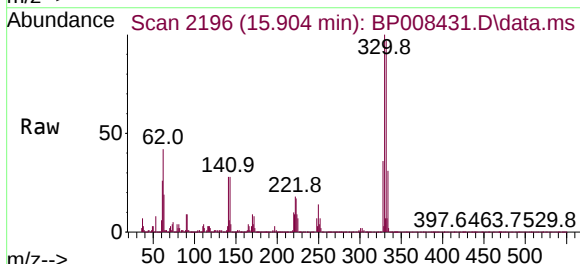
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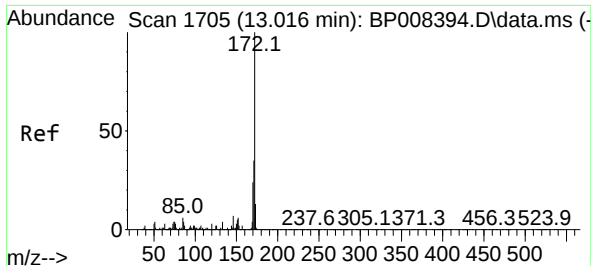
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 111.597 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

Tgt Ion:	330	Resp:	221501
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.4
141	31.2	28.4	42.6

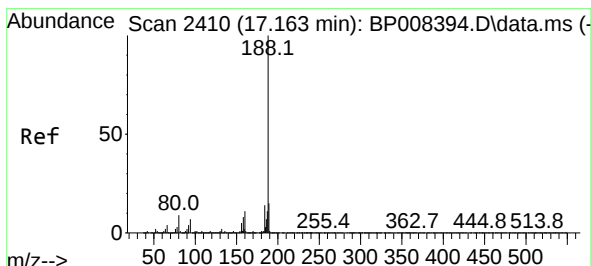
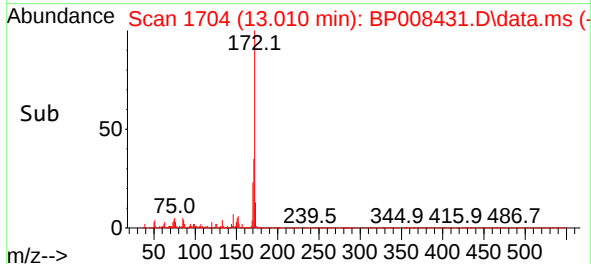
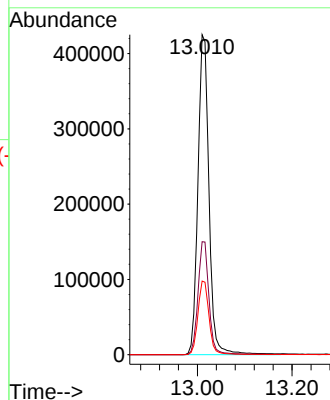
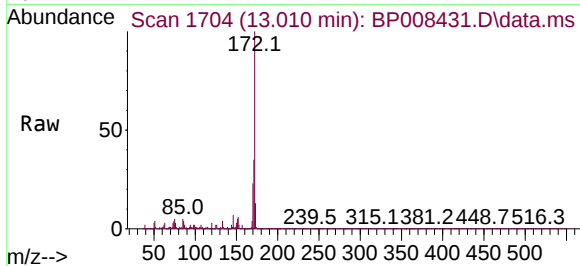




#45
2-Fluorobiphenyl
Concen: 64.715 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

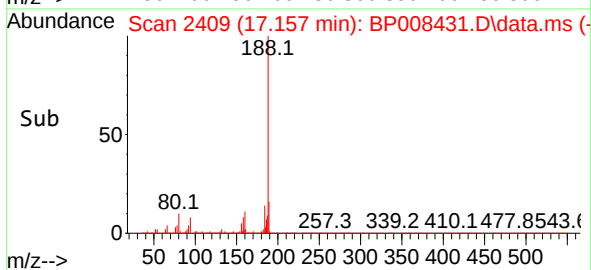
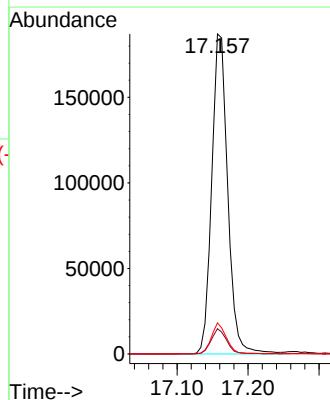
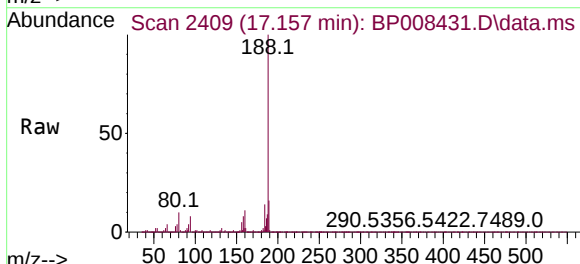
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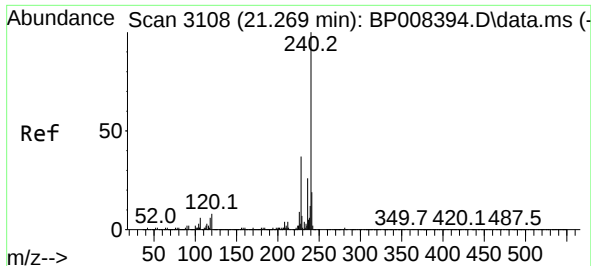
Tgt Ion:172 Resp: 687577
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

Tgt Ion:188 Resp: 292798
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.7 8.2 12.4

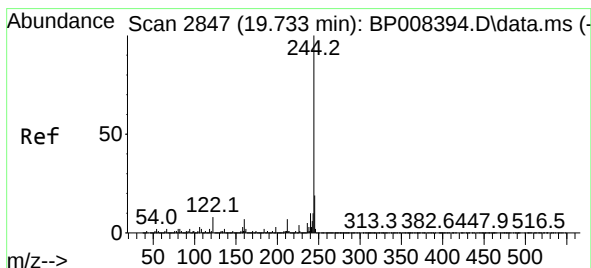
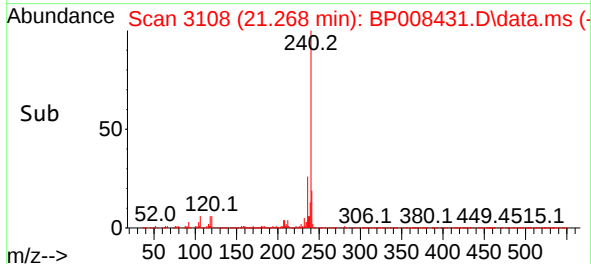
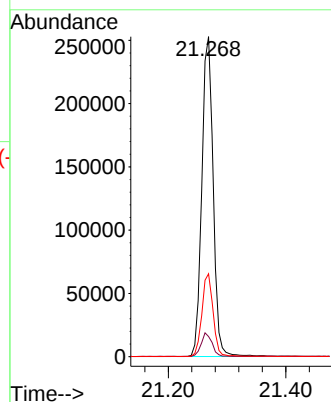
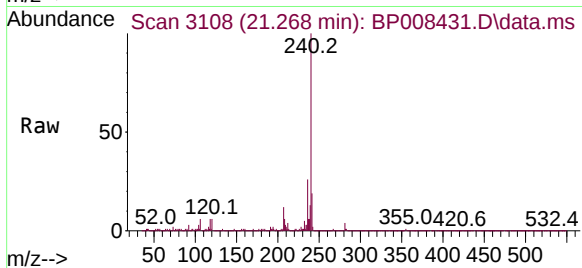




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

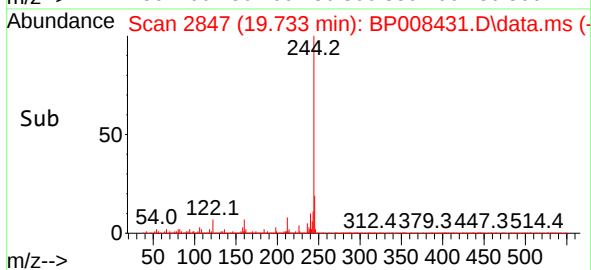
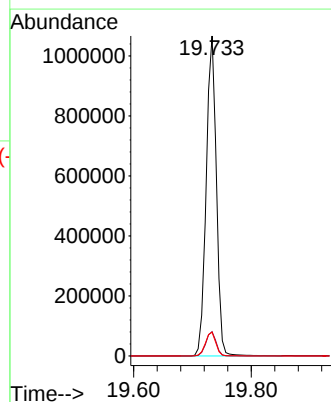
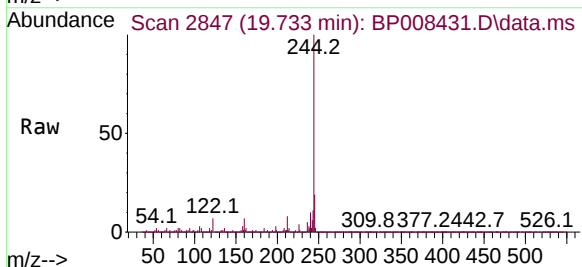
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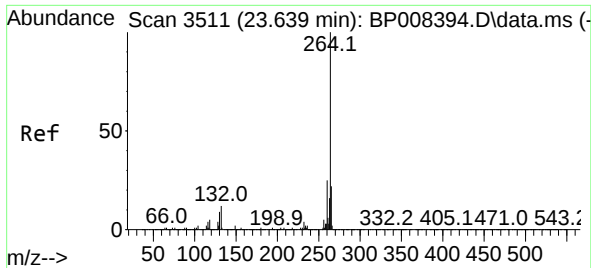
Tgt Ion:240 Resp: 338487
Ion Ratio Lower Upper
240 100
120 6.3 7.3 10.9#
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 66.093 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008431.D
Acq: 16 Dec 2021 01:09

Tgt Ion:244 Resp: 1285440
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.4 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008431.D
 Acq: 16 Dec 2021 01:09

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 375769
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 23.0 17.6 26.4

