

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008438.D
 Acq On : 16 Dec 2021 05:06
 Operator : CG/JU
 Sample : M5022-49
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP14

Quant Time: Dec 16 06:48:56 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)

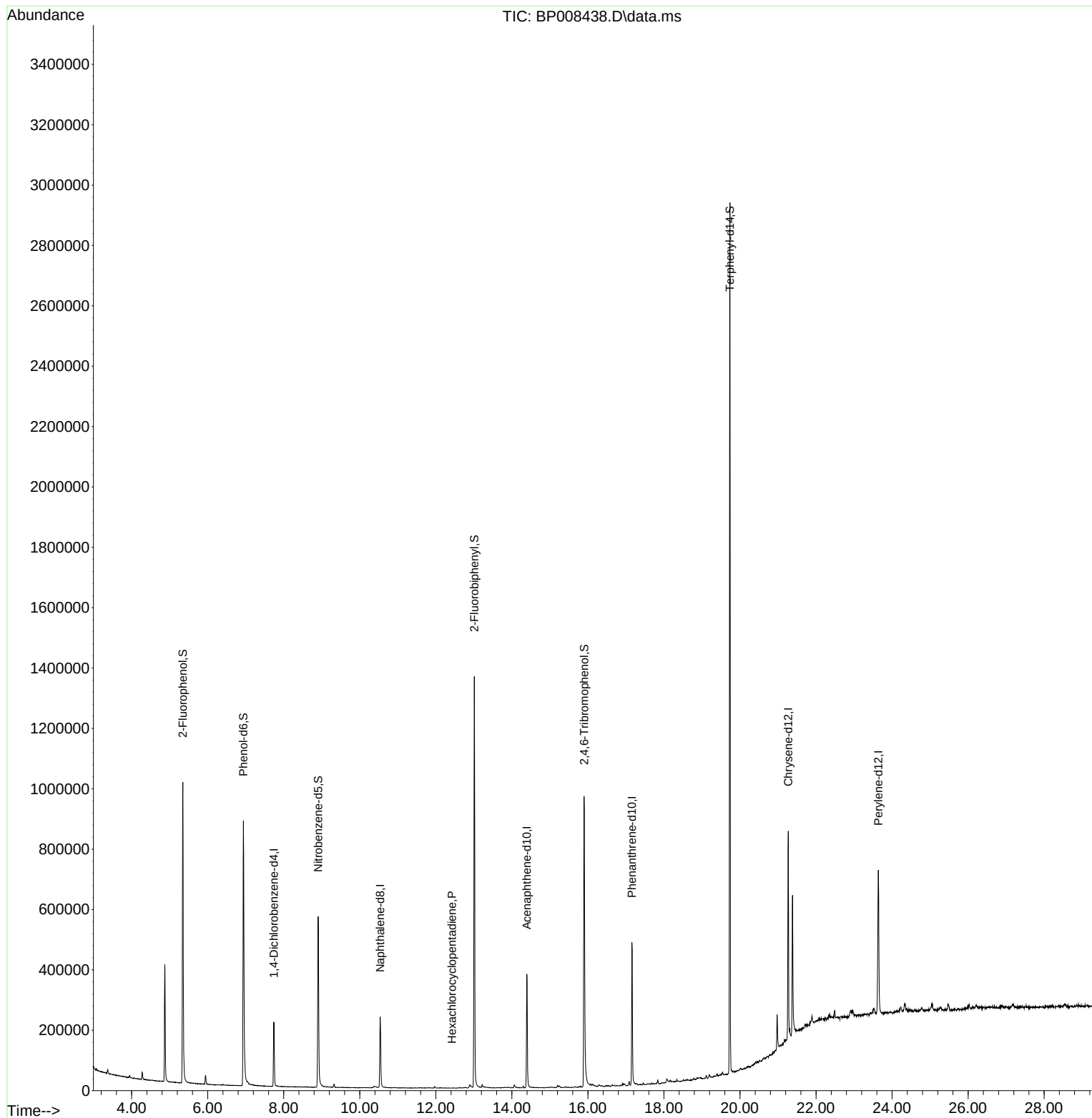
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	54576	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	196270	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	135270	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	303316	20.000	ng	0.00
76) Chrysene-d12	21.269	240	345514	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	384210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	420888	121.790	ng	0.00
7) Phenol-d6	6.940	99	528398	113.844	ng	0.00
23) Nitrobenzene-d5	8.905	82	357353	77.135	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	227233	114.308	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	719573	67.622	ng	0.00
79) Terphenyl-d14	19.733	244	1334756	67.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	286	Below Cal	#	1
9) Benzaldehyde	6.881	77	157	Below Cal	#	34
41) Hexachlorocyclopentadiene	12.422	237	24	8.667 ng		91

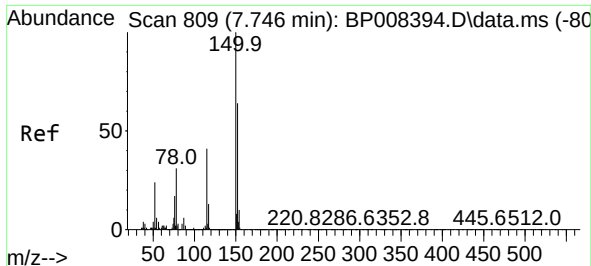
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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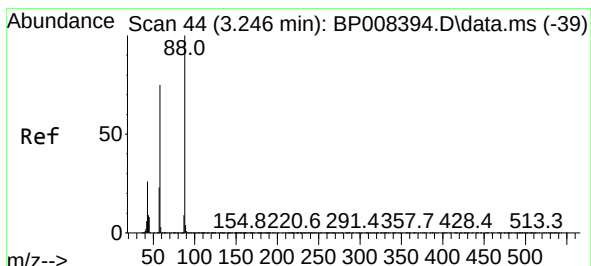
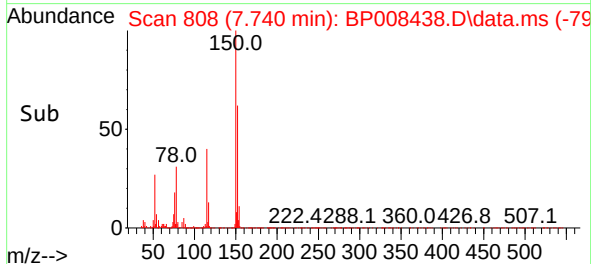
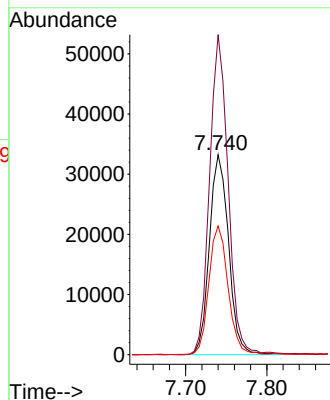
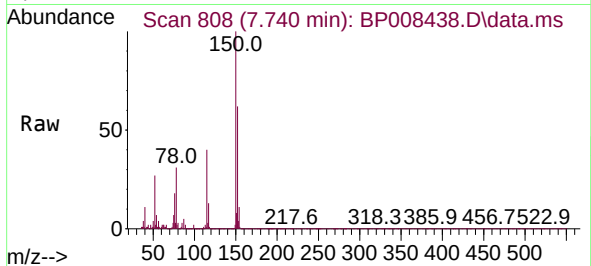




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BP008438.D
 Acq: 16 Dec 2021 05:06

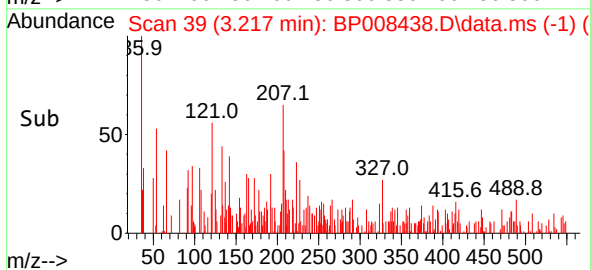
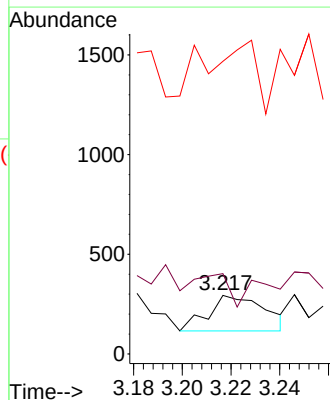
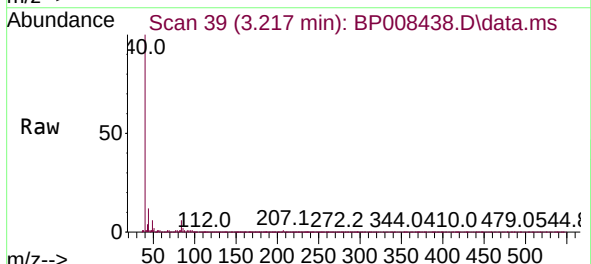
Instrument :
 BNA_P
 ClientSampleId :
 TP14

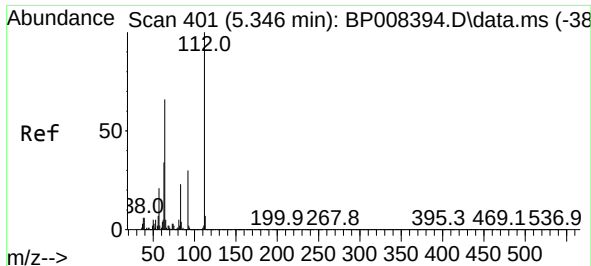
Tgt Ion:152 Resp: 54576
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.7 188.5
 115 64.3 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.217 min Scan# 39
 Delta R.T. -0.029 min
 Lab File: BP008438.D
 Acq: 16 Dec 2021 05:06

Tgt Ion: 88 Resp: 286
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 185.7 23.4 35.2#

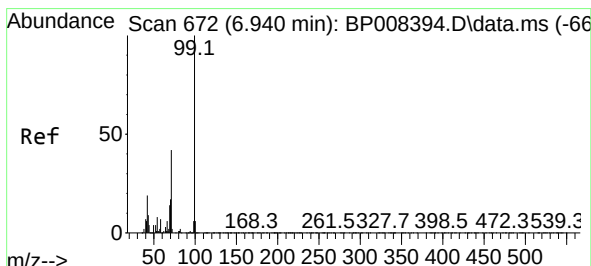
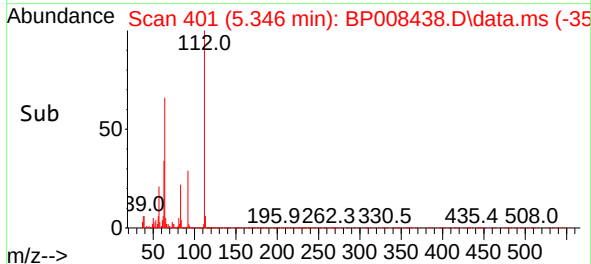
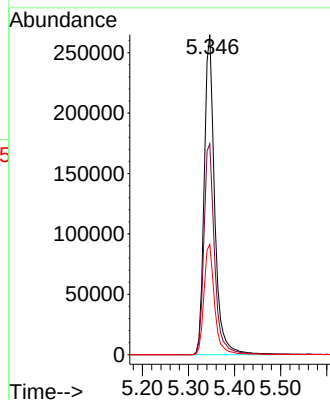
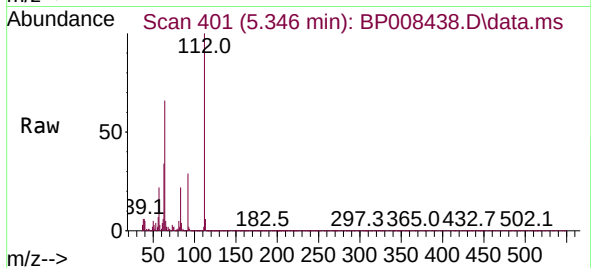




#5
2-Fluorophenol
Concen: 121.790 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

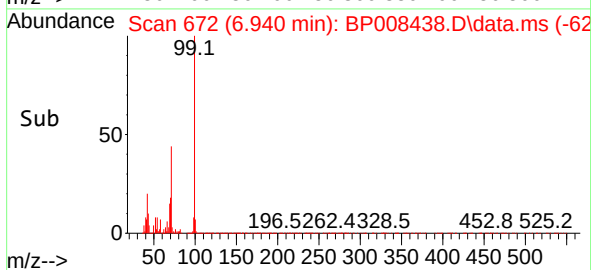
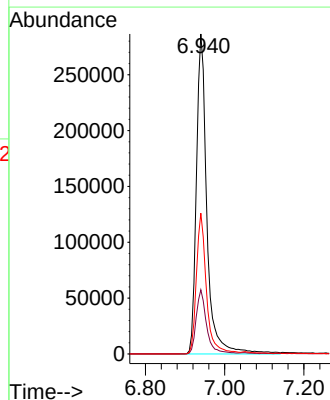
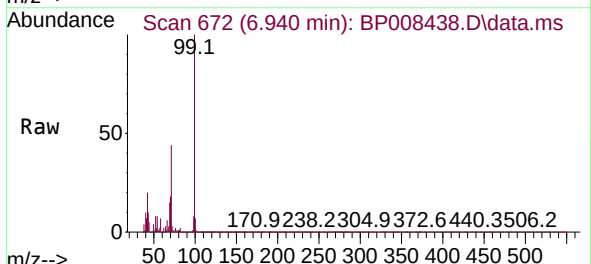
Instrument :
BNA_P
ClientSampleId :
TP14

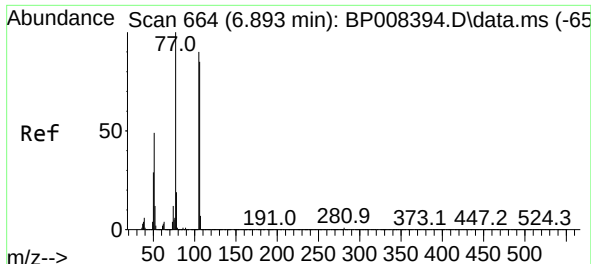
Tgt Ion: 112 Resp: 420888
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.2
63 34.5 27.8 41.8



#7
Phenol-d6
Concen: 113.844 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion: 99 Resp: 528398
Ion Ratio Lower Upper
99 100
42 20.0 14.6 22.0
71 44.0 31.1 46.7

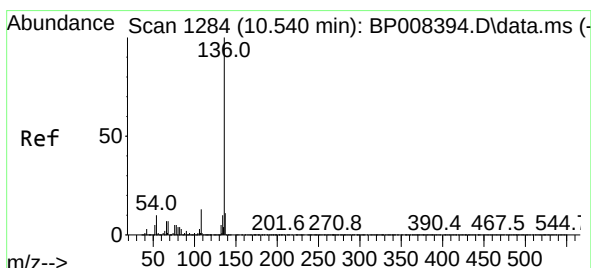
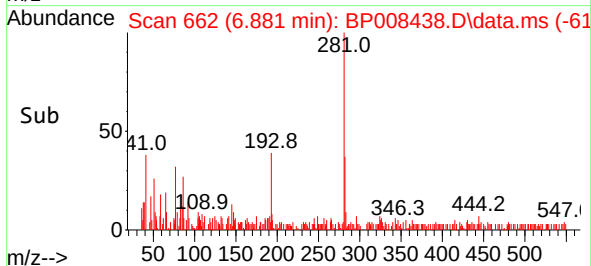
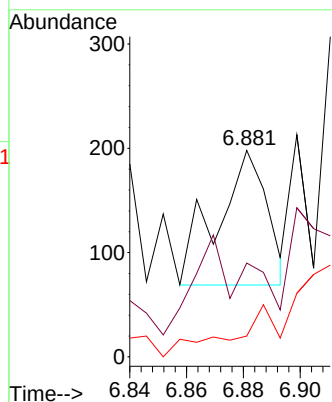
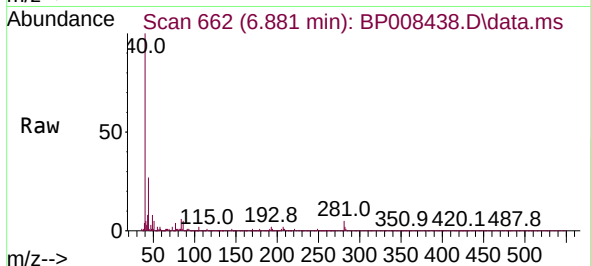




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

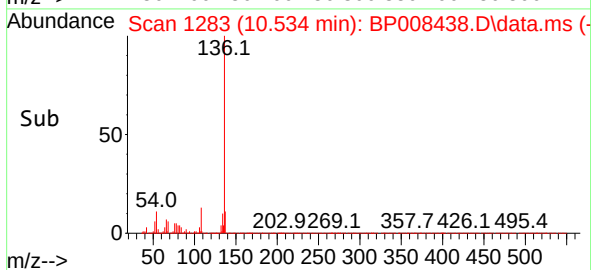
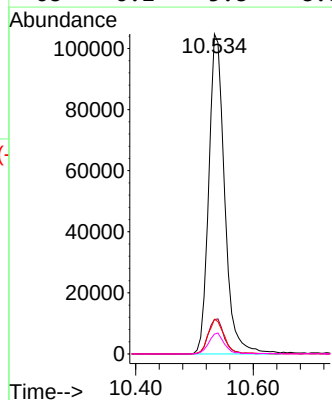
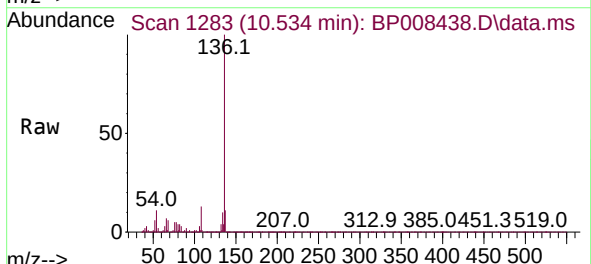
Instrument :
BNA_P
ClientSampleId :
TP14

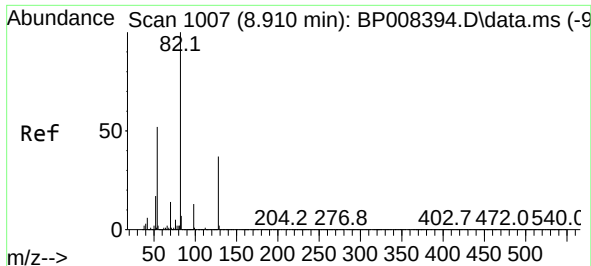
Tgt Ion: 77 Resp: 157
Ion Ratio Lower Upper
77 100
105 45.5 71.8 111.8#
106 10.1 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion:136 Resp: 196270
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.8 8.2 12.4
68 6.2 5.8 8.8





#23

Nitrobenzene-d5

Concen: 77.135 ng

RT: 8.905 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008438.D

Acq: 16 Dec 2021 05:06

Instrument :

BNA_P

ClientSampleId :

TP14

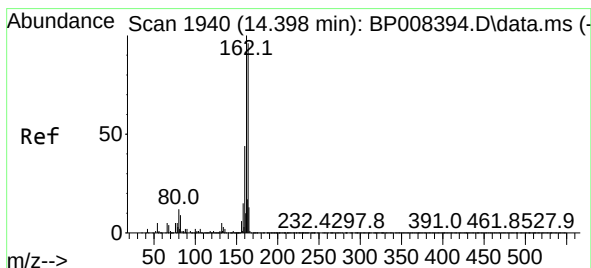
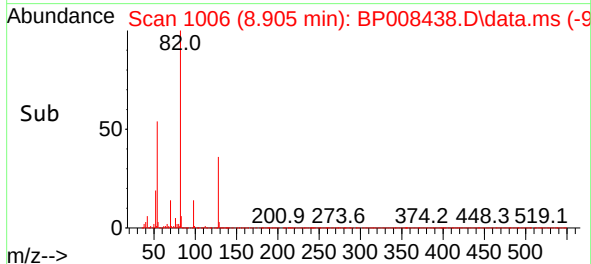
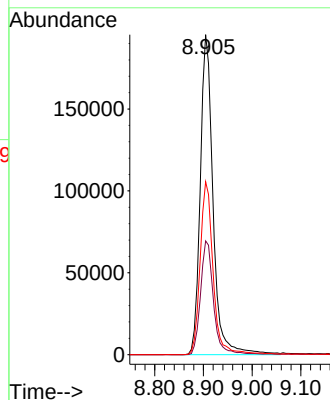
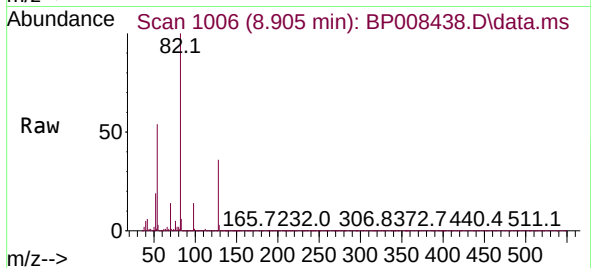
Tgt Ion: 82 Resp: 357353

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: 14.393 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BP008438.D

Acq: 16 Dec 2021 05:06

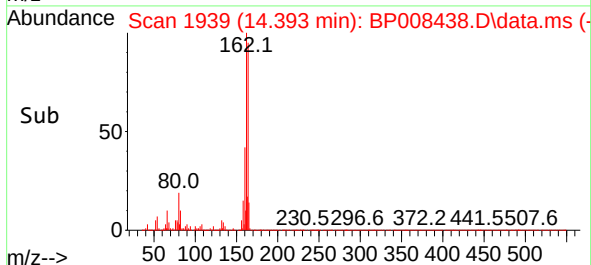
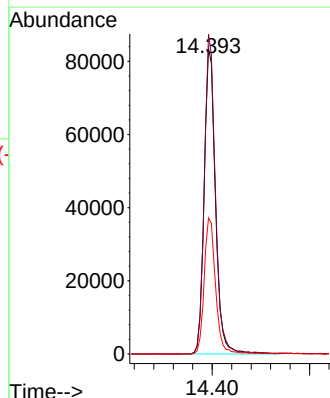
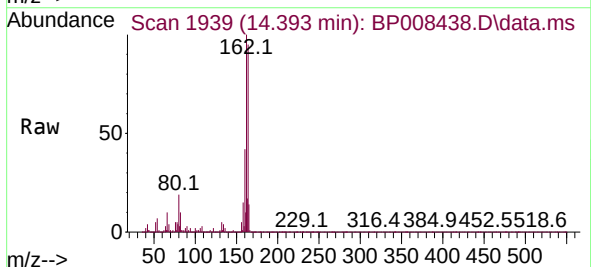
Tgt Ion: 164 Resp: 135270

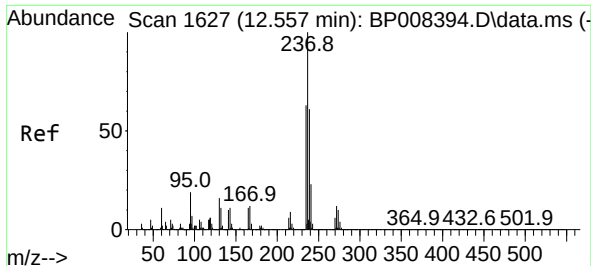
Ion Ratio Lower Upper

164 100

162 104.8 81.9 122.9

160 44.5 35.4 53.0

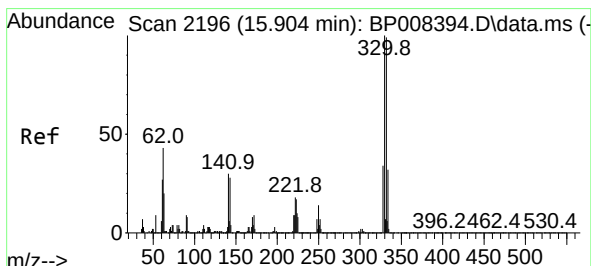
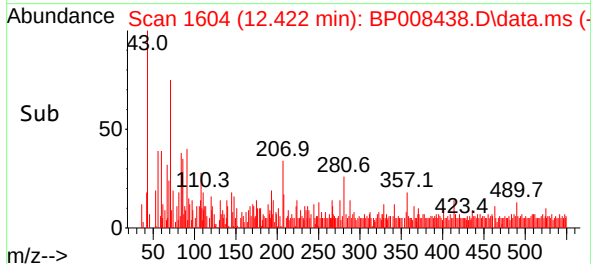
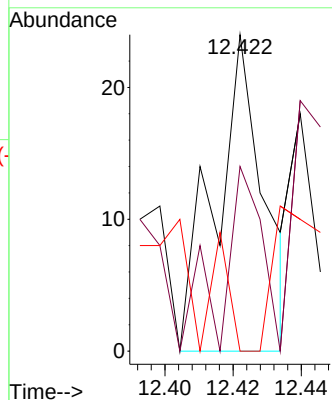
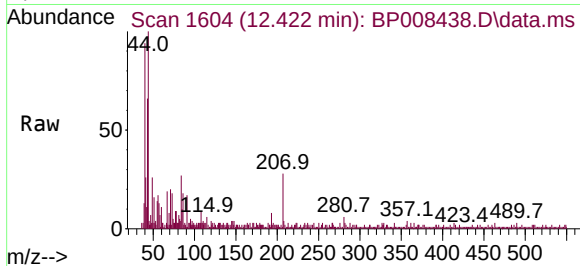




#41
Hexachlorocyclopentadiene
Concen: 8.667 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.135 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

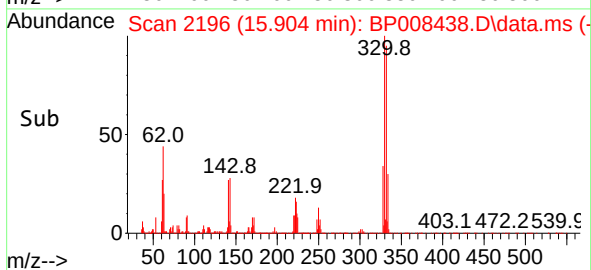
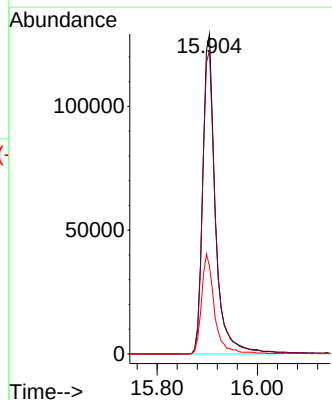
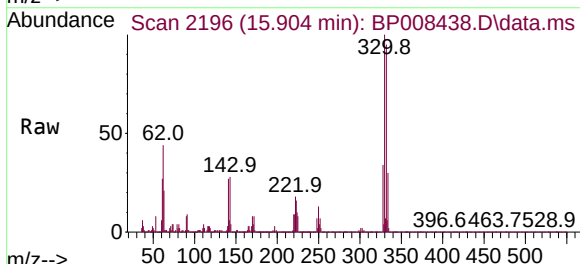
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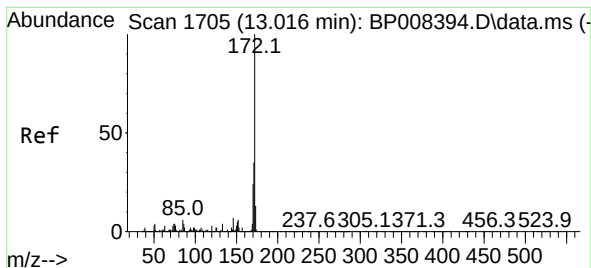
Tgt Ion:	237	Resp:	24
Ion	Ratio	Lower	Upper
237	100		
235	58.3	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 114.308 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion:	330	Resp:	227233
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.4
141	31.8	28.4	42.6

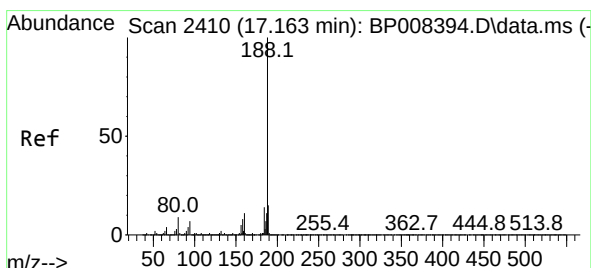
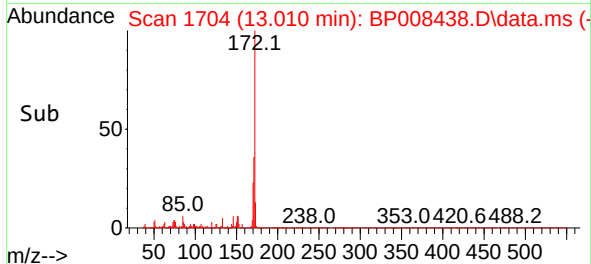
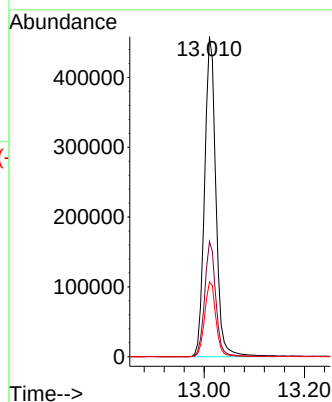
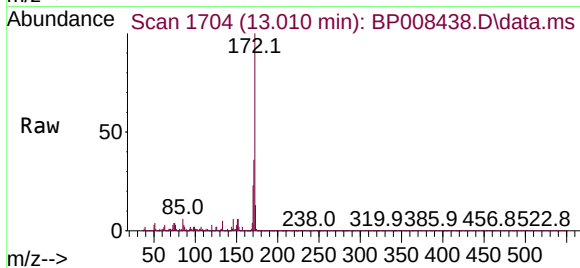




#45
2-Fluorobiphenyl
Concen: 67.622 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

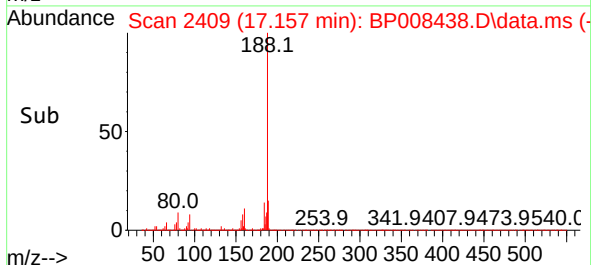
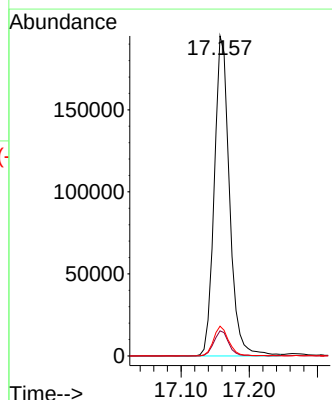
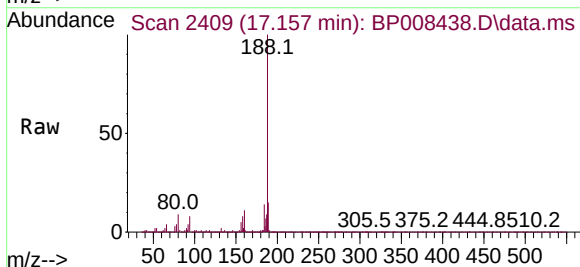
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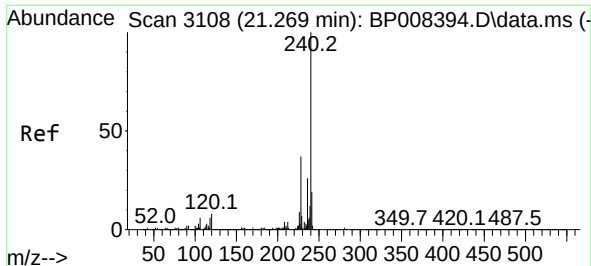
Tgt Ion:172 Resp: 719573
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion:188 Resp: 303316
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.3 8.2 12.4

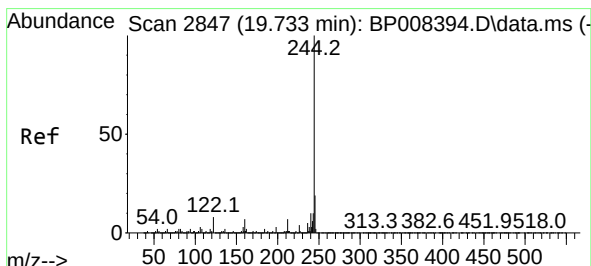
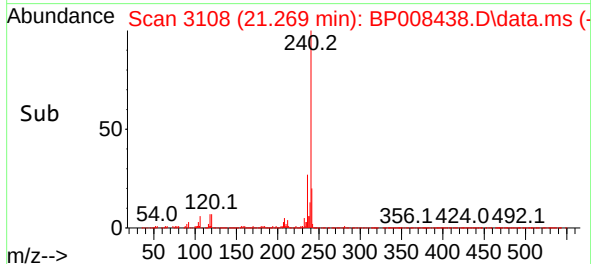
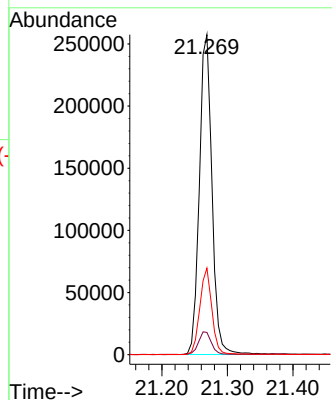
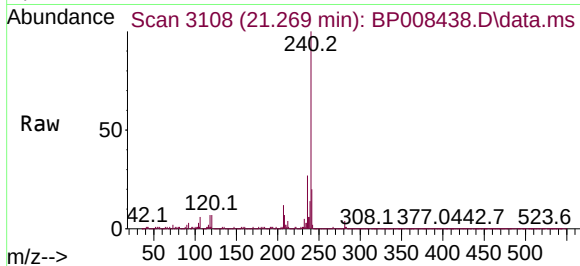




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

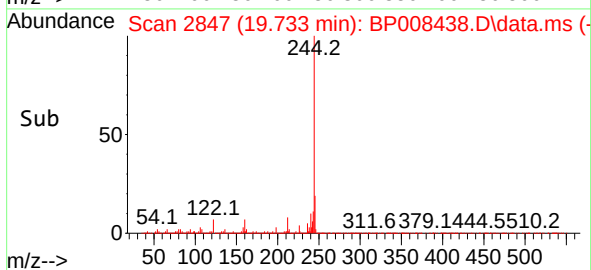
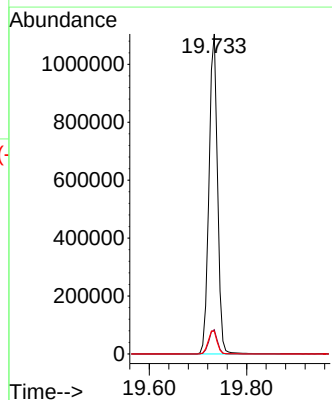
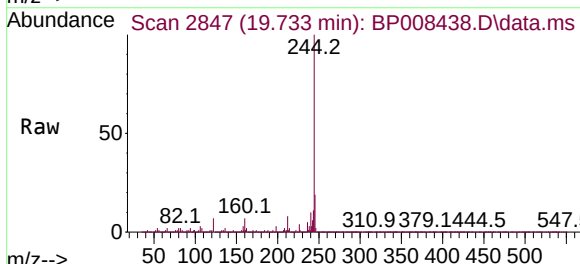
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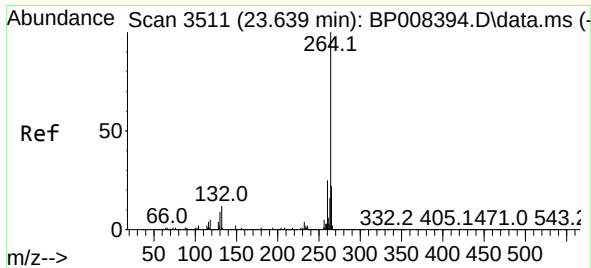
Tgt Ion:240 Resp: 345514
Ion Ratio Lower Upper
240 100
120 7.0 7.3 10.9#
236 27.1 21.4 32.2



#79
Terphenyl-d14
Concen: 67.233 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion:244 Resp: 1334756
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.1 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: BP008438.D
Acq: 16 Dec 2021 05:06

Instrument :
BNA_P
ClientSampleId :
TP14

Tgt Ion:264 Resp: 384210

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.8	17.6	26.4

