

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008402.D
 Acq On : 14 Dec 2021 20:13
 Operator : CG/JU
 Sample : M5018-59
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP8

Quant Time: Dec 15 02:00:02 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)

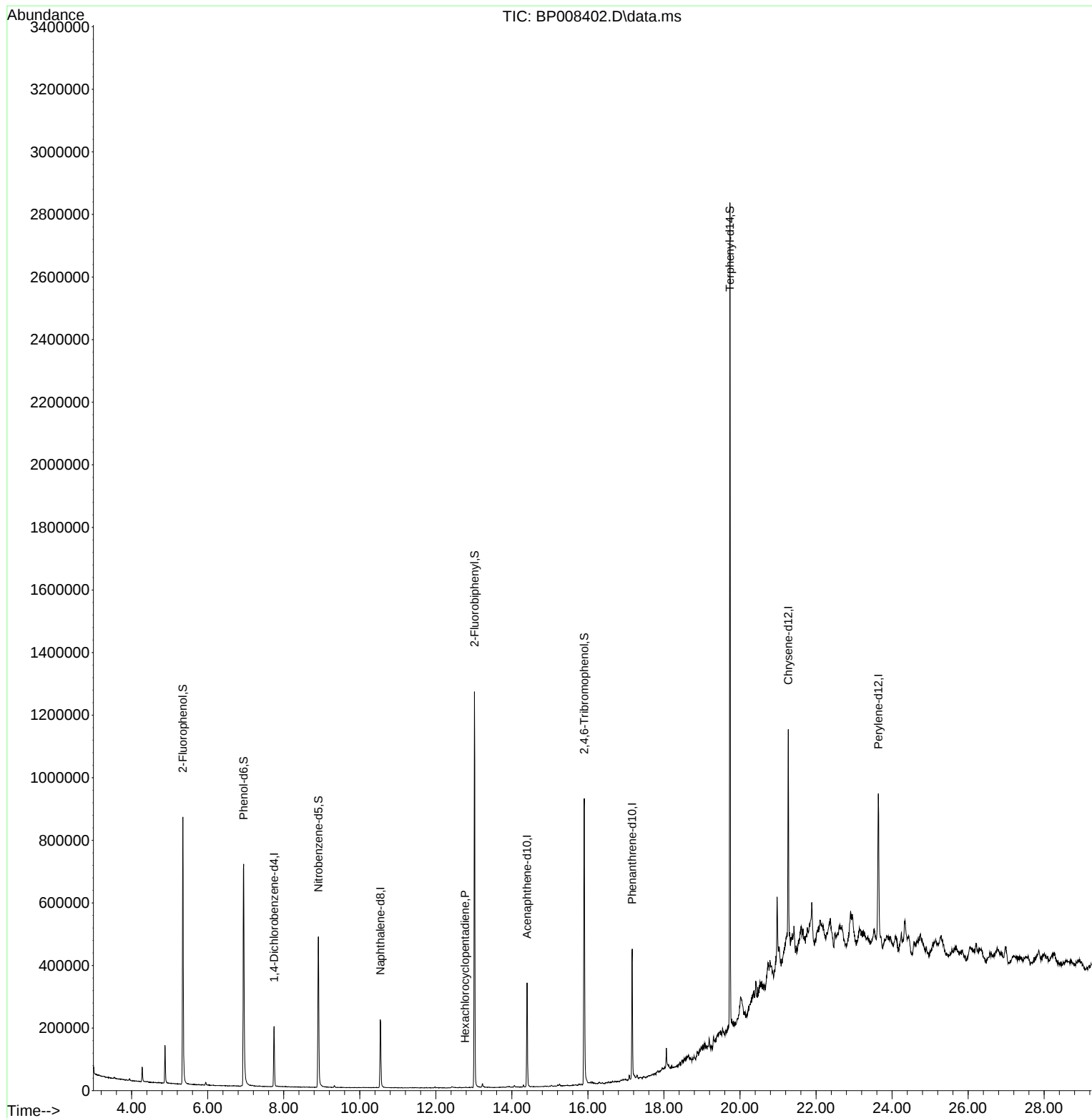
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	50163	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	185322	20.000	ng	# 0.00
39) Acenaphthene-d10	14.398	164	118818	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	262010	20.000	ng	0.00
76) Chrysene-d12	21.269	240	319904	20.000	ng	0.00
86) Perylene-d12	23.639	264	367430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	360044	113.350	ng	0.00
7) Phenol-d6	6.946	99	453943	106.407	ng	0.00
23) Nitrobenzene-d5	8.911	82	307552	70.307	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	204681	117.220	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	646631	69.181	ng	0.00
79) Terphenyl-d14	19.733	244	1190960	64.792	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.252	88	53	Below Cal	#	1
9) Benzaldehyde	6.869	77	54	Below Cal	#	51
41) Hexachlorocyclopentadiene	12.769	237	10	8.659 ng		75

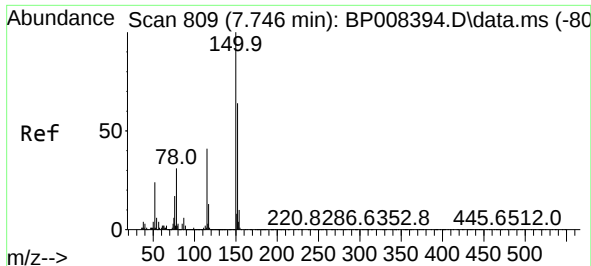
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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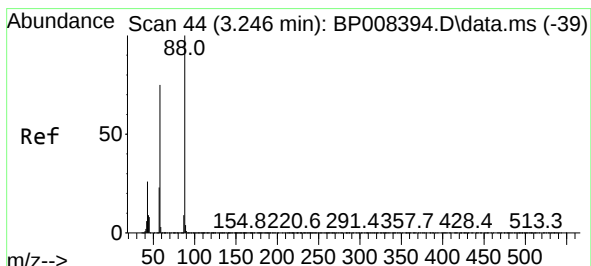
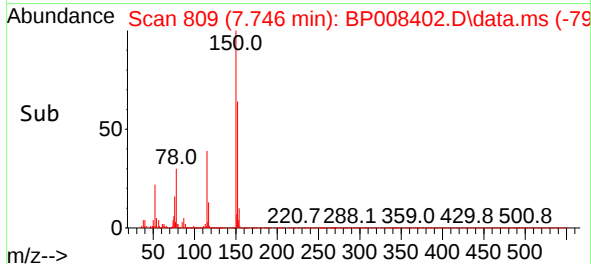
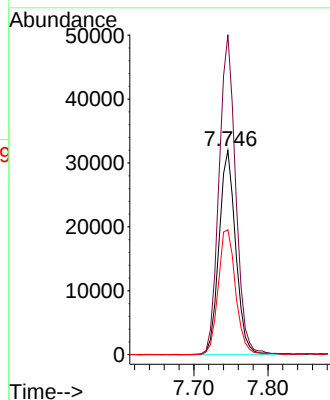
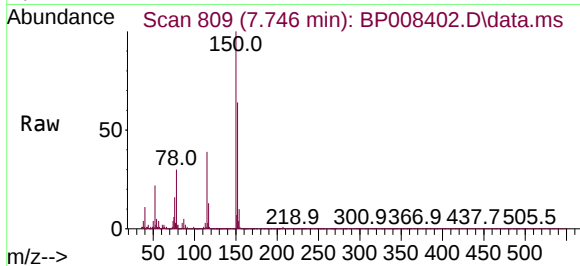




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 809
 Delta R.T. -0.000 min
 Lab File: BP008402.D
 Acq: 14 Dec 2021 20:13

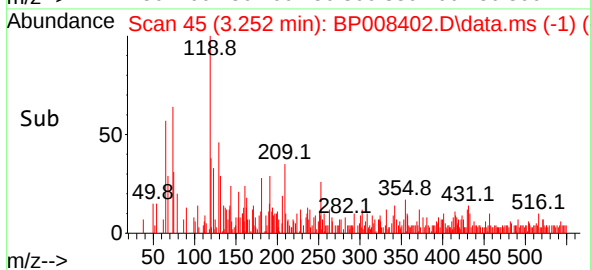
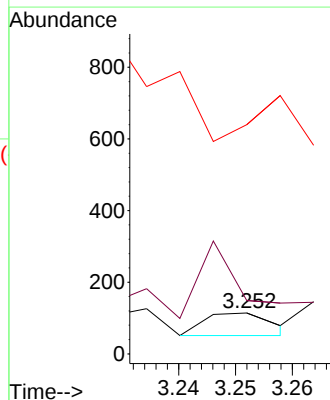
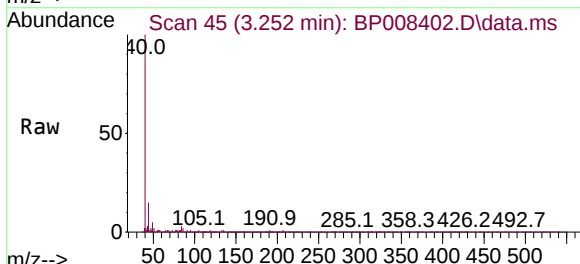
Instrument :
 BNA_P
 ClientSampleId :
 TP8

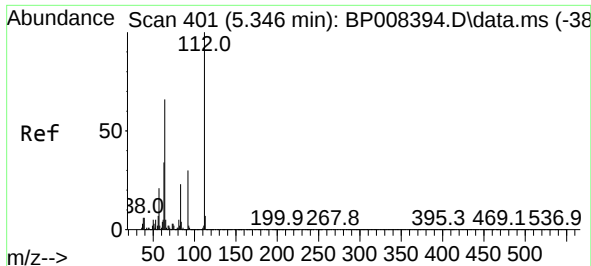
Tgt Ion:152 Resp: 50163
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.7 188.5
 115 61.2 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.252 min Scan# 45
 Delta R.T. 0.006 min
 Lab File: BP008402.D
 Acq: 14 Dec 2021 20:13

Tgt Ion: 88 Resp: 53
 Ion Ratio Lower Upper
 88 100
 58 205.7 63.5 95.3#
 43 0.0 23.4 35.2#

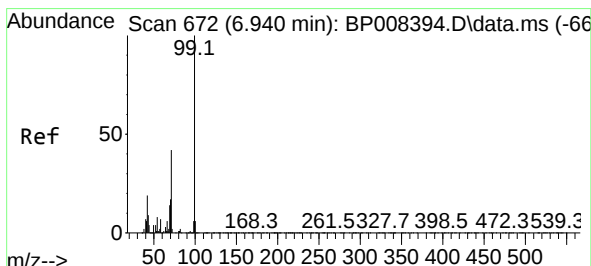
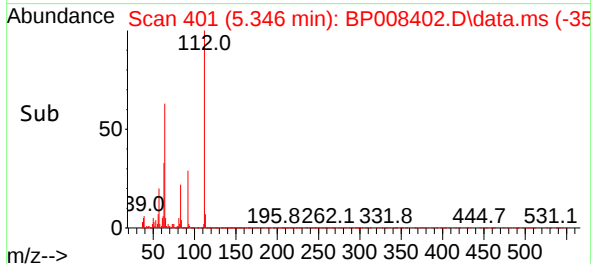
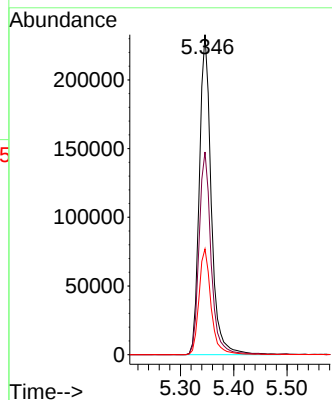
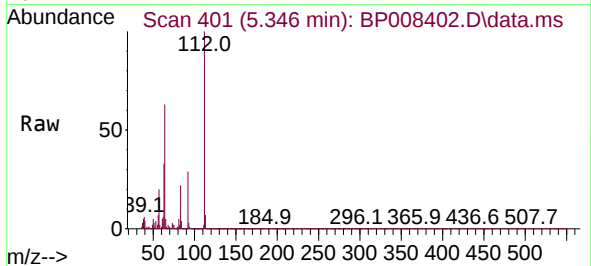




#5
2-Fluorophenol
Concen: 113.350 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

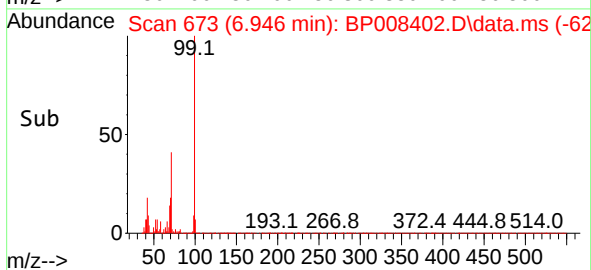
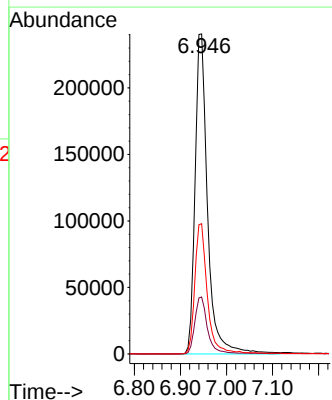
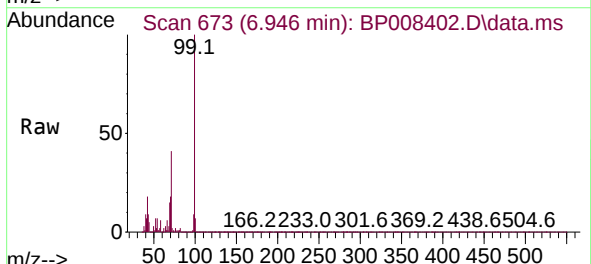
Instrument :
BNA_P
ClientSampleId :
TP8

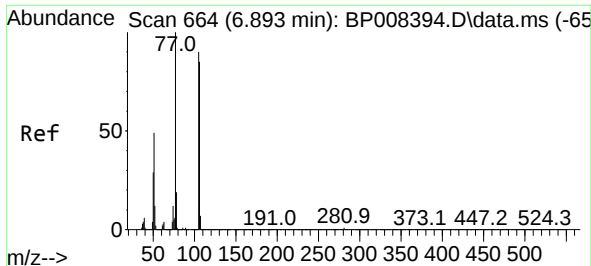
Tgt Ion:112 Resp: 360044
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 33.0 27.8 41.8



#7
Phenol-d6
Concen: 106.407 ng
RT: 6.946 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion: 99 Resp: 453943
Ion Ratio Lower Upper
99 100
42 17.8 14.6 22.0
71 40.7 31.1 46.7

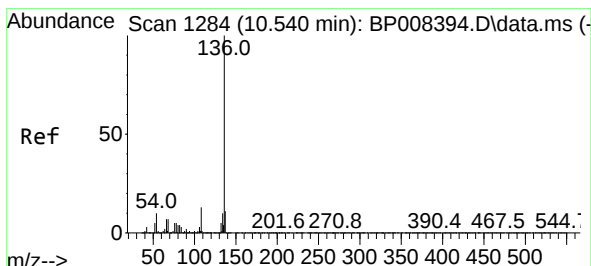
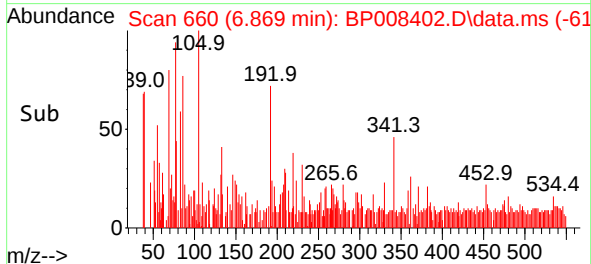
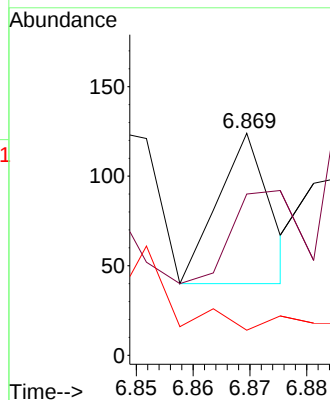
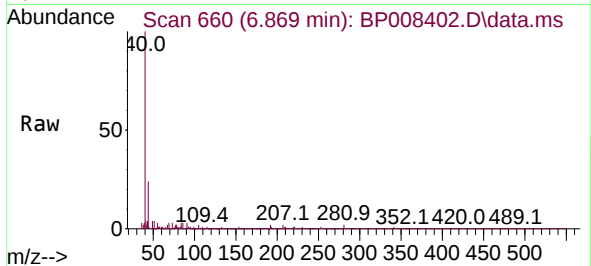




#9
Benzaldehyde
Concen: Below Cal
RT: 6.869 min Scan# 60
Delta R.T. -0.024 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

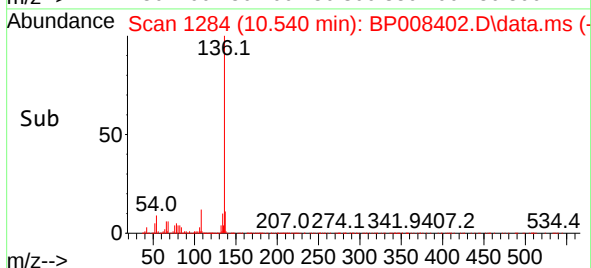
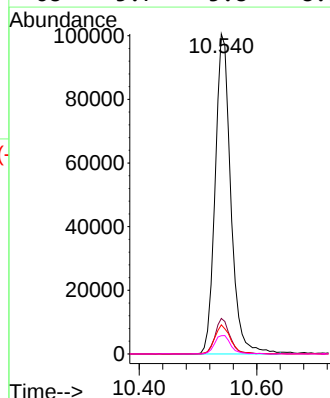
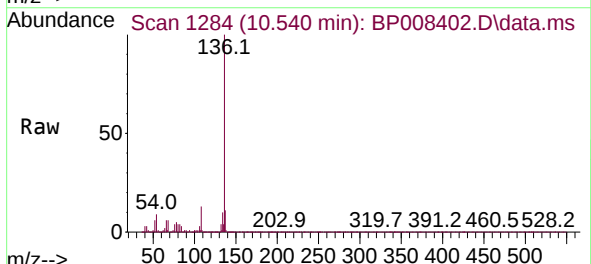
Instrument :
BNA_P
ClientSampleId :
TP8

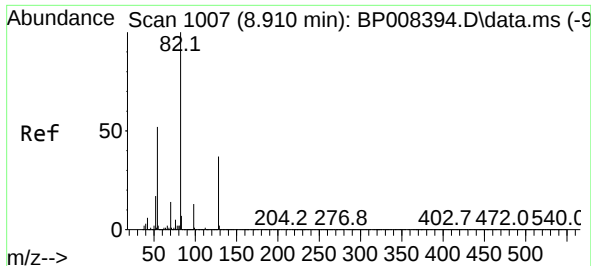
Tgt Ion: 77 Resp: 54
Ion Ratio Lower Upper
77 100
105 75.0 71.8 111.8
106 11.3 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion: 136 Resp: 185322
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.1 8.2 12.4
68 5.7 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 70.307 ng

RT: 8.911 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BP008402.D

Acq: 14 Dec 2021 20:13

Instrument :

BNA_P

ClientSampleId :

TP8

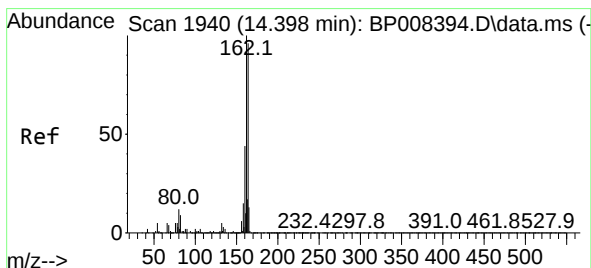
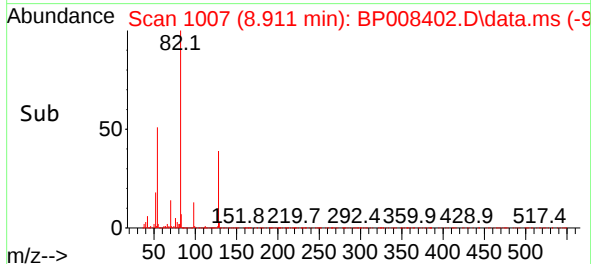
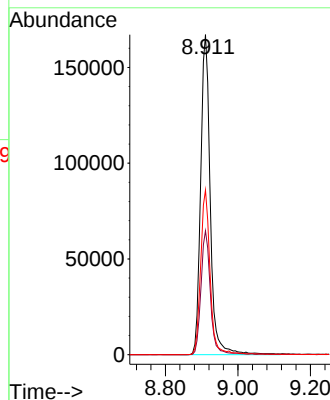
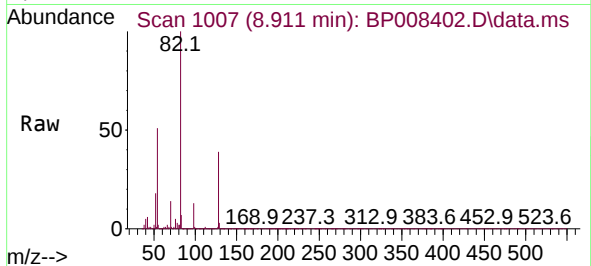
Tgt Ion: 82 Resp: 307552

Ion Ratio Lower Upper

82 100

128 38.7 29.6 44.4

54 51.5 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: BP008402.D

Acq: 14 Dec 2021 20:13

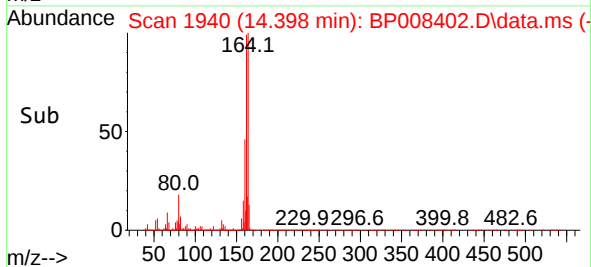
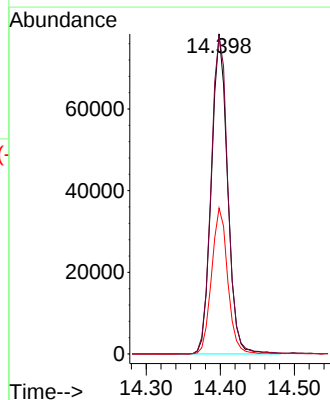
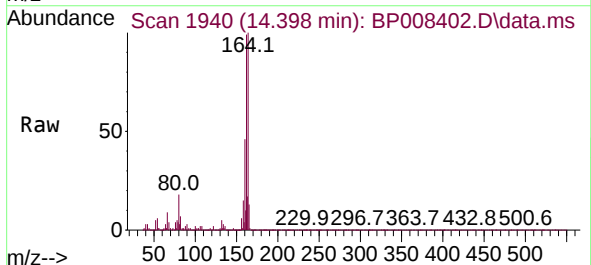
Tgt Ion: 164 Resp: 118818

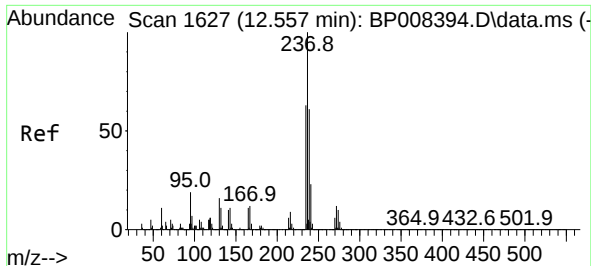
Ion Ratio Lower Upper

164 100

162 99.3 81.9 122.9

160 45.6 35.4 53.0

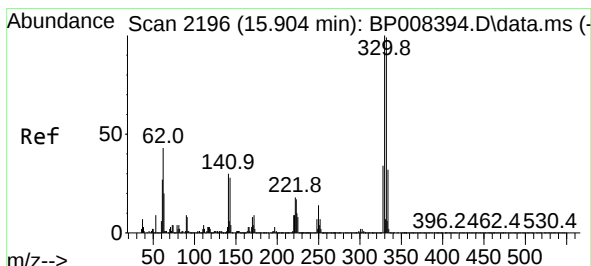
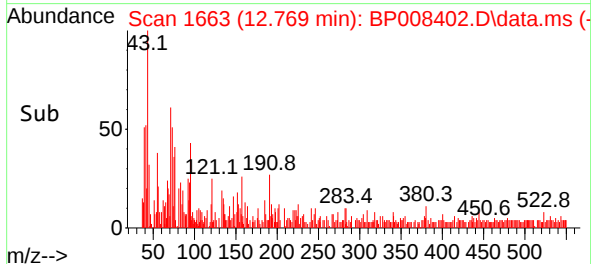
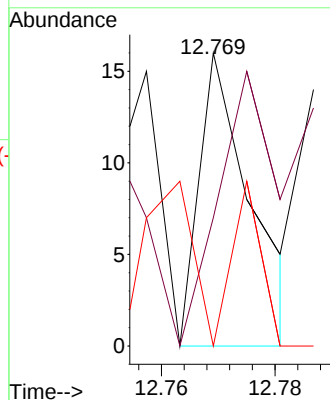
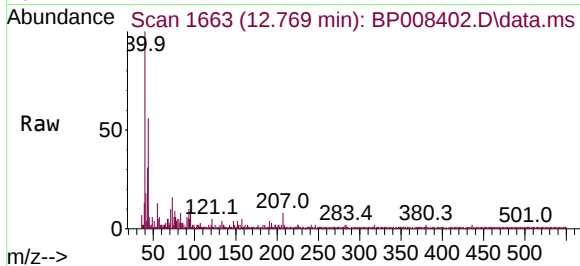




#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.769 min Scan# 1663
Delta R.T. 0.212 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

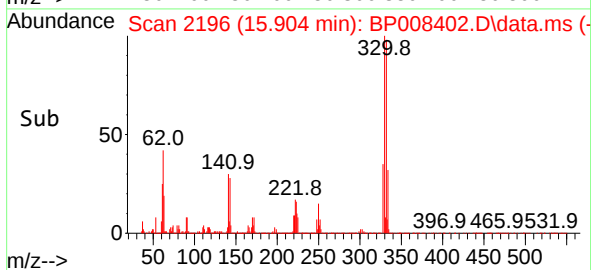
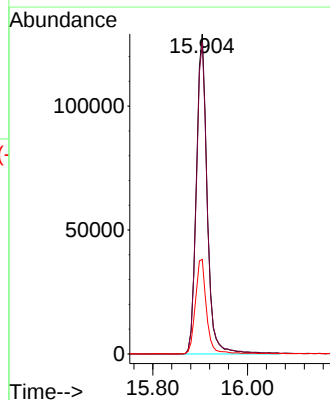
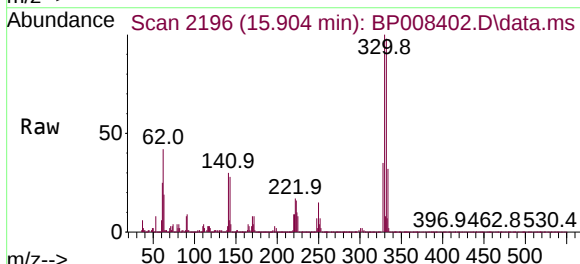
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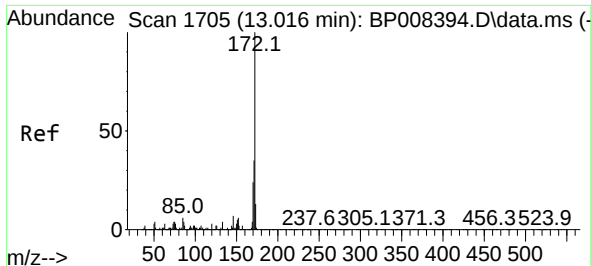
Tgt Ion:237	Resp:	10
Ion Ratio	Lower	Upper
237	100	
235	43.8	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 117.220 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion:330	Resp:	204681
Ion Ratio	Lower	Upper
330	100	
332	97.7	77.0 115.4
141	30.3	28.4 42.6

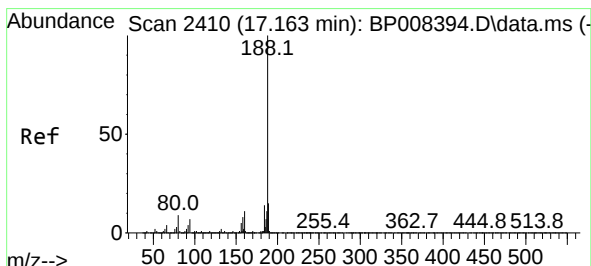
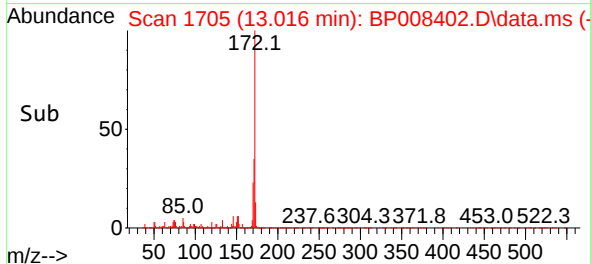
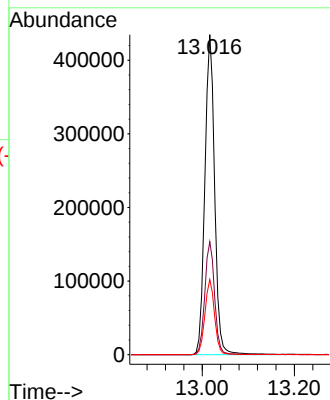
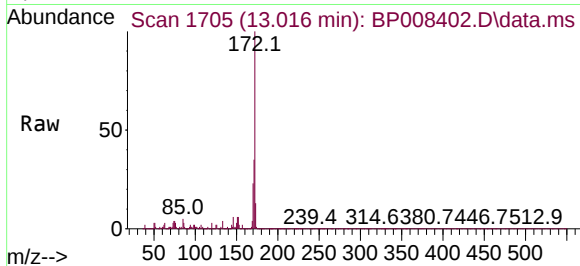




#45
2-Fluorobiphenyl
Concen: 69.181 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

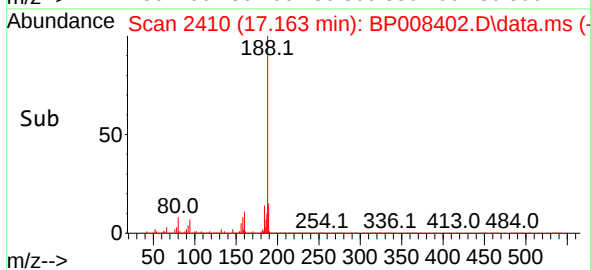
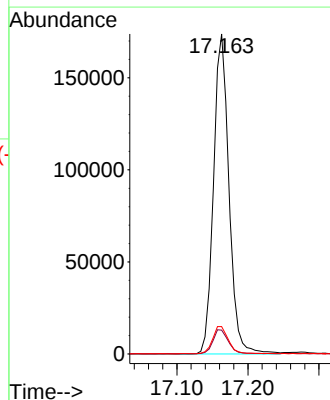
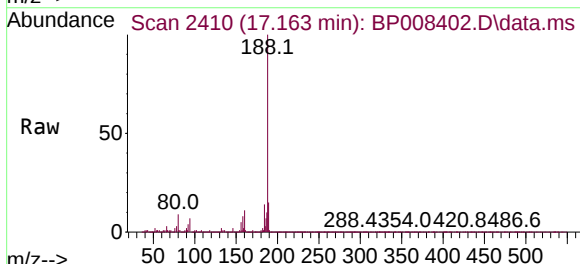
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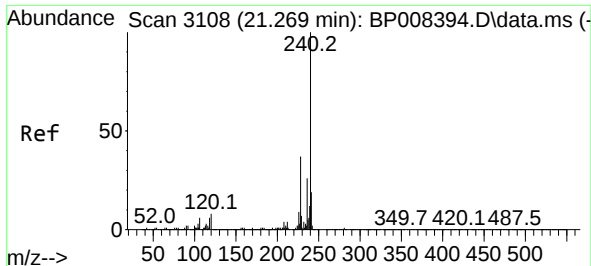
Tgt Ion:	172	Resp:	646631
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.0	42.0
170	23.4	18.9	28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion:	188	Resp:	262010
Ion Ratio	Lower	Upper	
188	100		
94	7.4	7.2	10.8
80	8.5	8.2	12.4

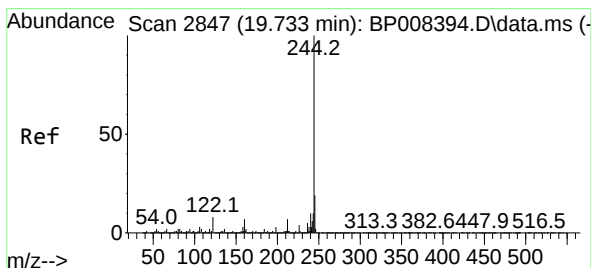
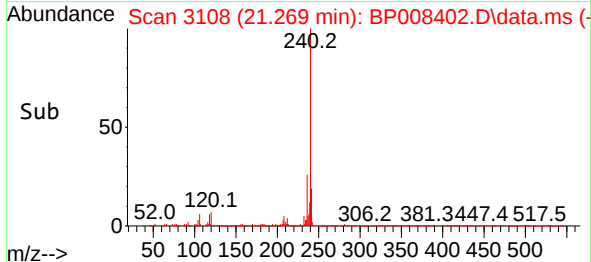
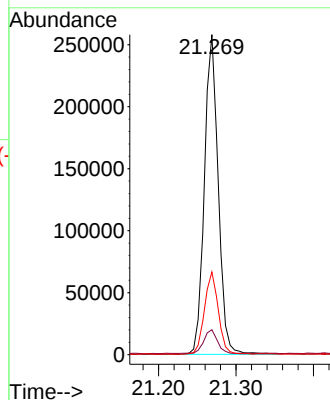
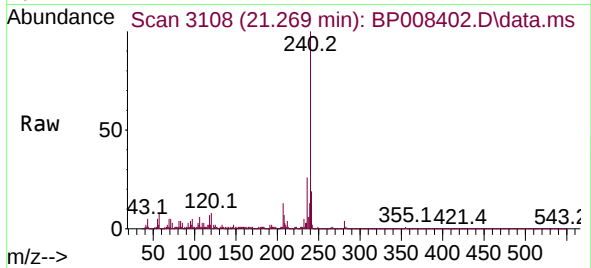




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

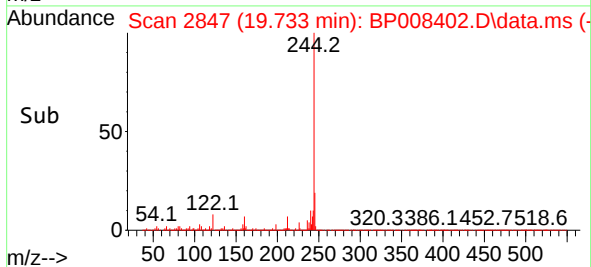
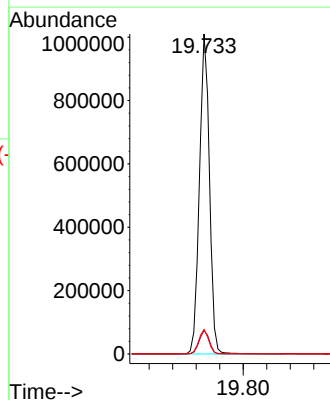
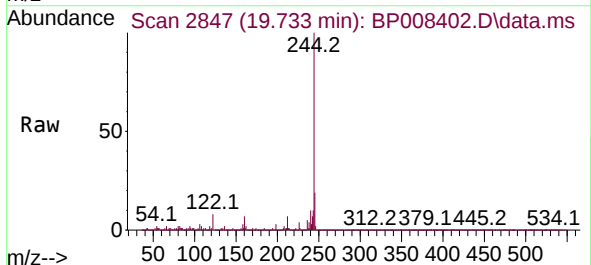
Instrument :
BNA_P
ClientSampleId :
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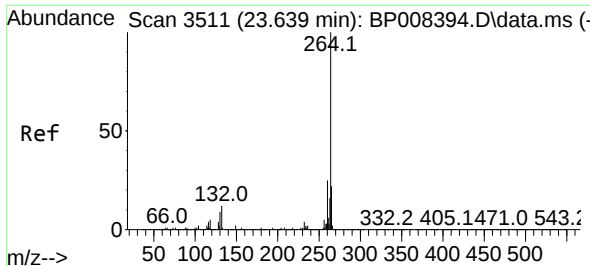
Tgt Ion:240 Resp: 319904
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 64.792 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion:244 Resp: 1190960
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.7 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: BP008402.D
 Acq: 14 Dec 2021 20:13

Instrument :
 BNA_P
 ClientSampleId :
 TP8

Tgt Ion:264 Resp: 367430
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.8 17.6 26.4

