

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008412.D
 Acq On : 15 Dec 2021 12:25
 Operator : CG/JU
 Sample : M5076-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-G

Quant Time: Dec 15 13:10:49 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)

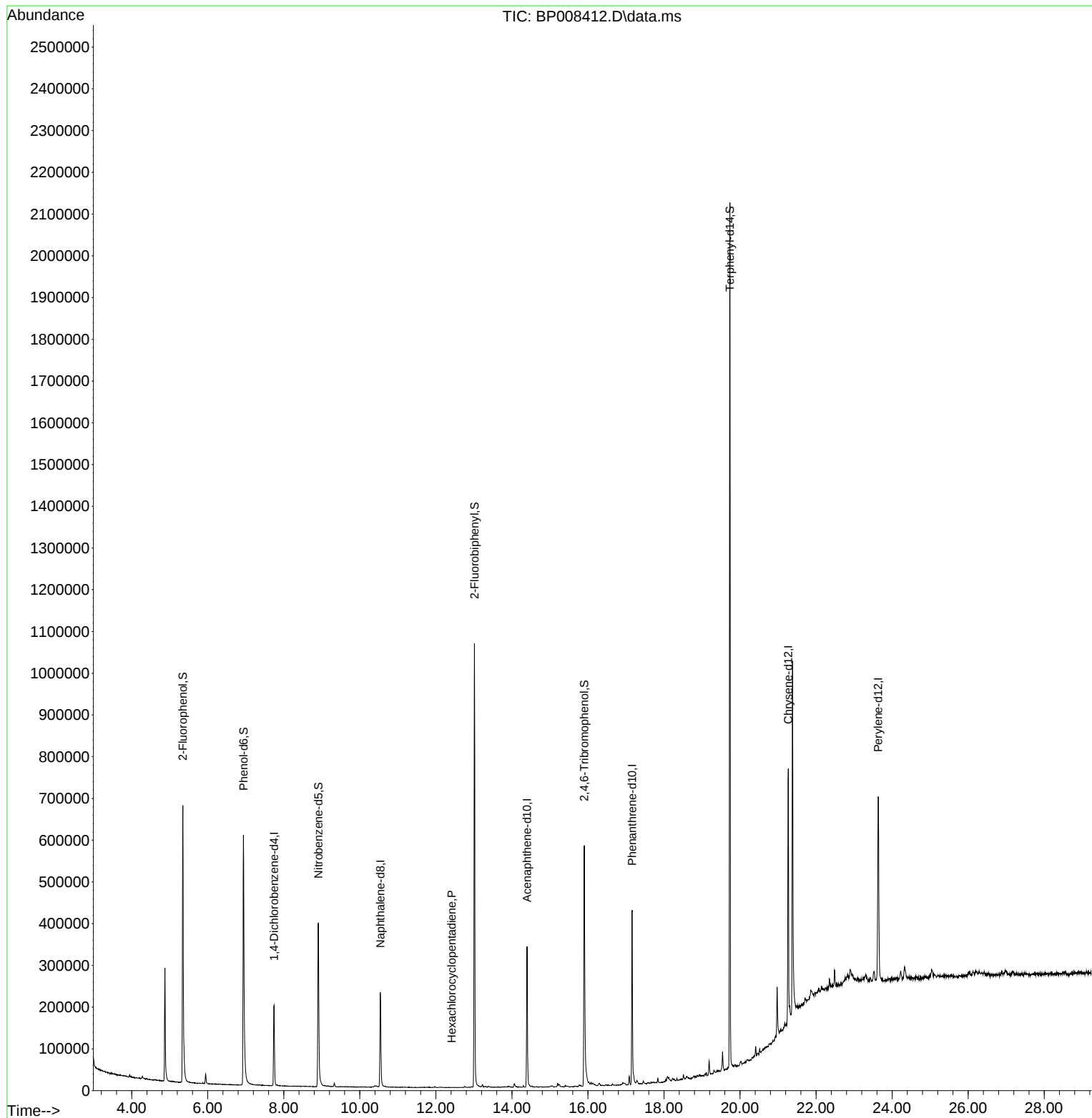
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	54654	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	196483	20.000	ng	# 0.00
39) Acenaphthene-d10	14.398	164	123211	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	271639	20.000	ng	0.00
76) Chrysene-d12	21.269	240	326332	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	369799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	312899	90.413	ng	0.00
7) Phenol-d6	6.940	99	399948	86.046	ng	0.00
23) Nitrobenzene-d5	8.910	82	276175	59.548	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	147056	81.216	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	568690	58.673	ng	0.00
79) Terphenyl-d14	19.733	244	1038122	55.365	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	281	Below Cal	#	68
9) Benzaldehyde	6.934	77	1306	Below Cal	#	39
41) Hexachlorocyclopentadiene	12.416	237	16	8.663	ng	79

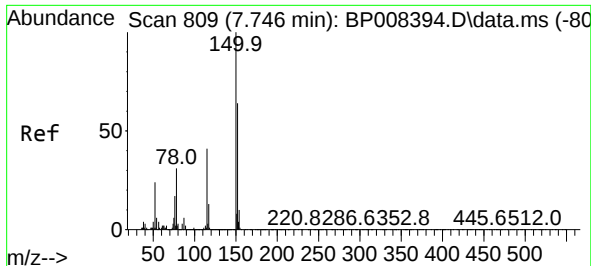
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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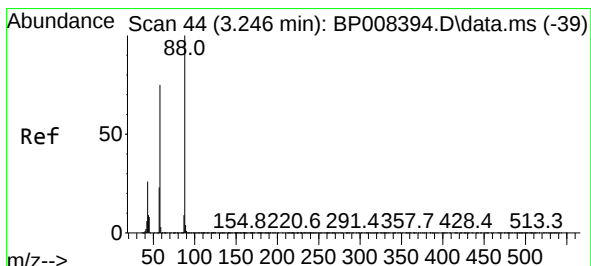
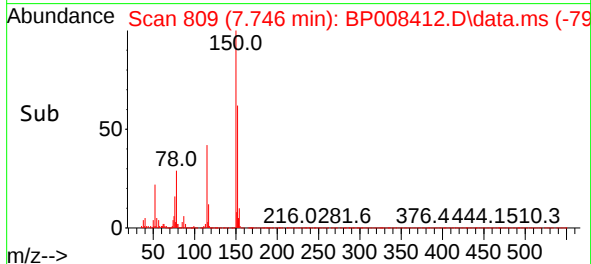
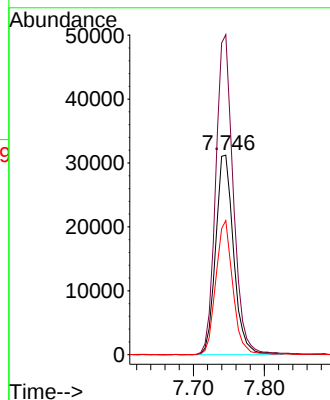
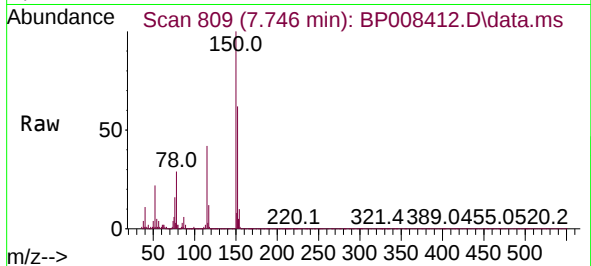




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 809
 Delta R.T. -0.000 min
 Lab File: BP008412.D
 Acq: 15 Dec 2021 12:25

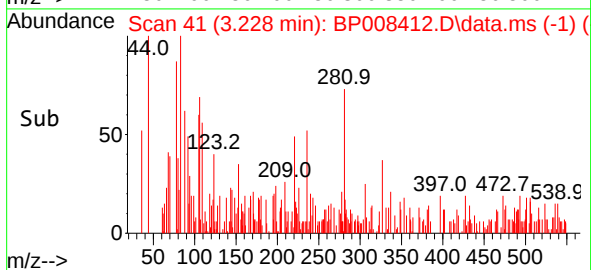
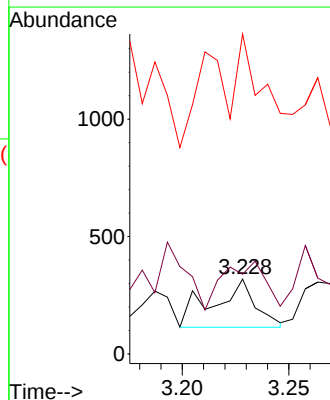
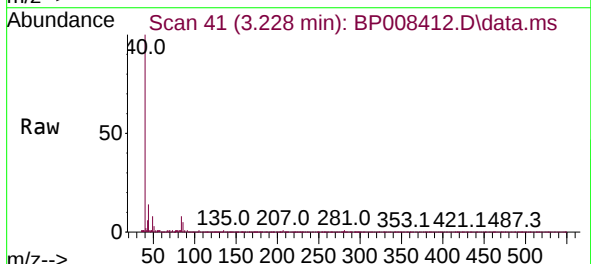
Instrument :
 BNA_P
 ClientSampleId :
 SB-15-G

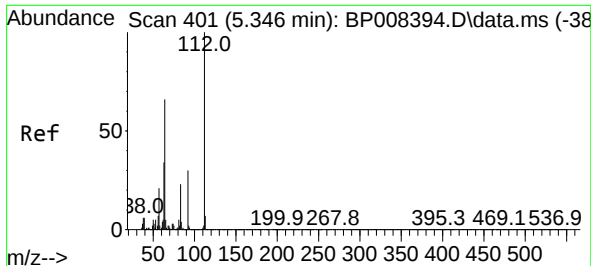
Tgt Ion:152 Resp: 54654
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.7 188.5
 115 67.2 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.228 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BP008412.D
 Acq: 15 Dec 2021 12:25

Tgt Ion: 88 Resp: 281
 Ion Ratio Lower Upper
 88 100
 58 100.4 63.5 95.3#
 43 0.0 23.4 35.2#

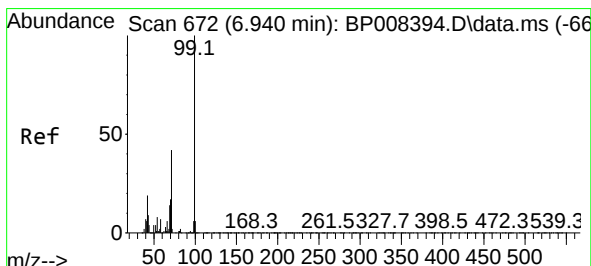
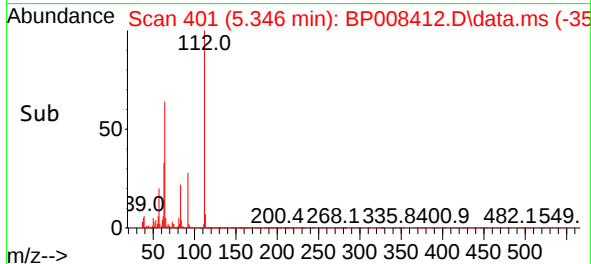
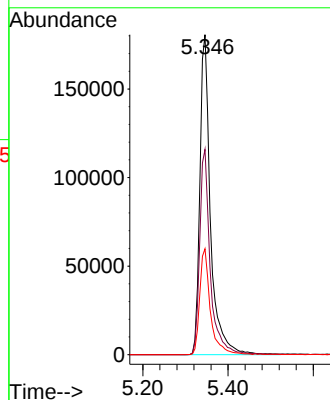
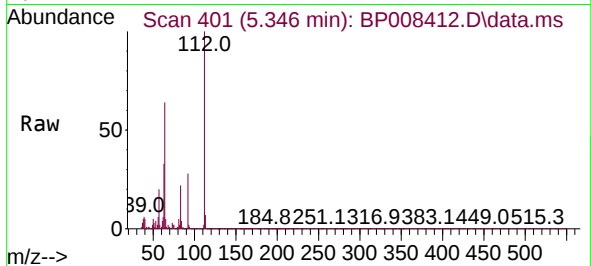




#5
2-Fluorophenol
Concen: 90.413 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

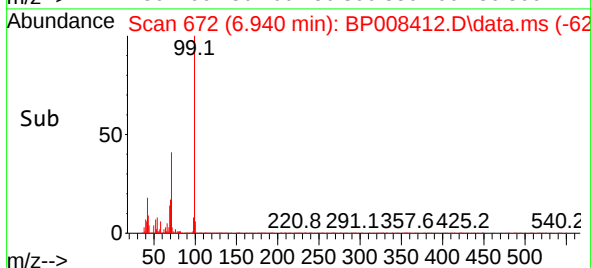
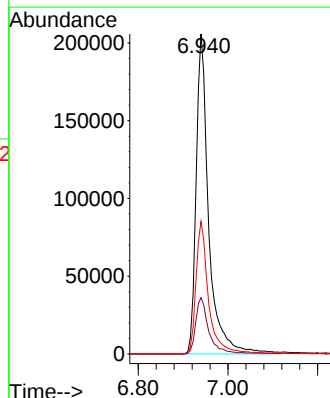
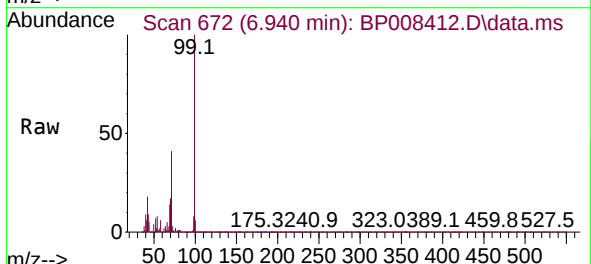
Instrument :
BNA_P
ClientSampleId :
SB-15-G

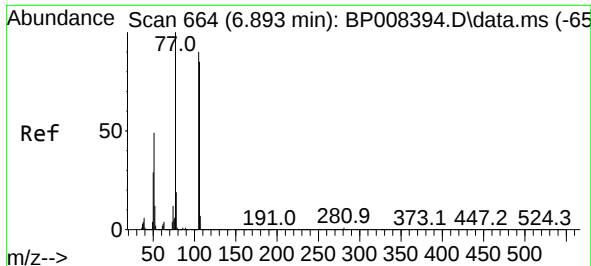
Tgt Ion:112 Resp: 312899
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 33.1 27.8 41.8



#7
Phenol-d6
Concen: 86.046 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

Tgt Ion: 99 Resp: 399948
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 41.4 31.1 46.7

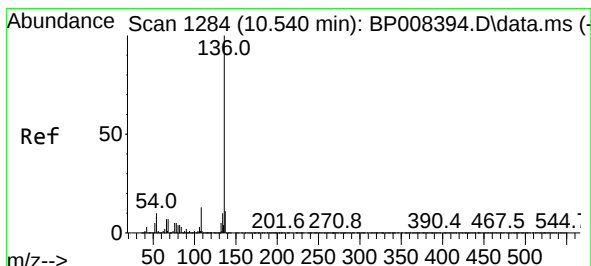
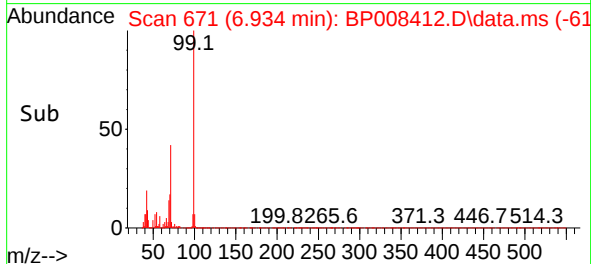
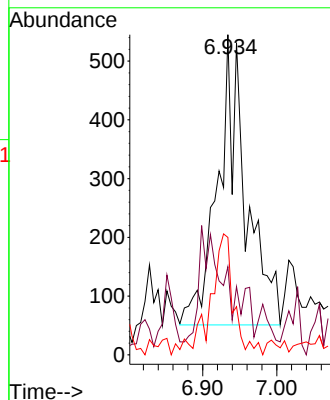
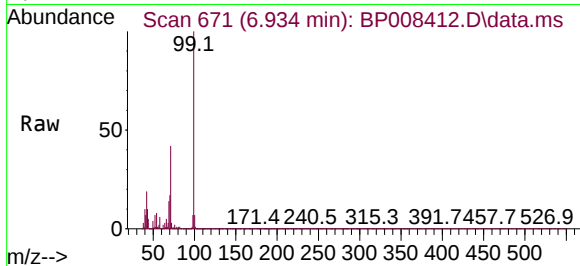




#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 61
Delta R.T. 0.041 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

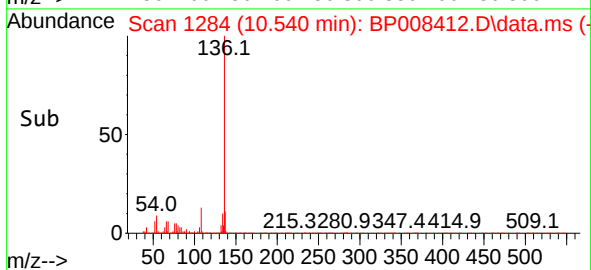
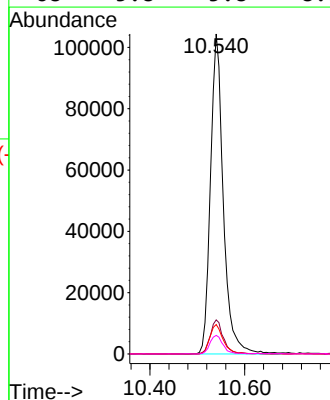
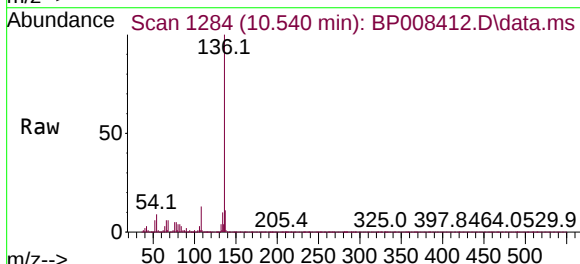
Instrument :
BNA_P
ClientSampleId :
SB-15-G

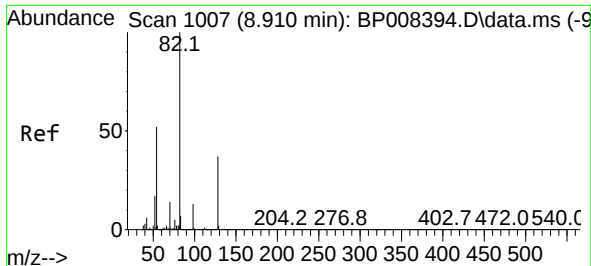
Tgt Ion: 77 Resp: 1306
Ion Ratio Lower Upper
77 100
105 27.5 71.8 111.8#
106 36.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

Tgt Ion: 136 Resp: 196483
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.2 8.2 12.4
68 5.8 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 59.548 ng

RT: 8.910 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BP008412.D

Acq: 15 Dec 2021 12:25

Instrument :

BNA_P

ClientSampleId :

SB-15-G

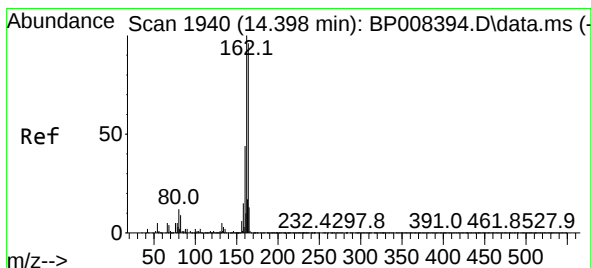
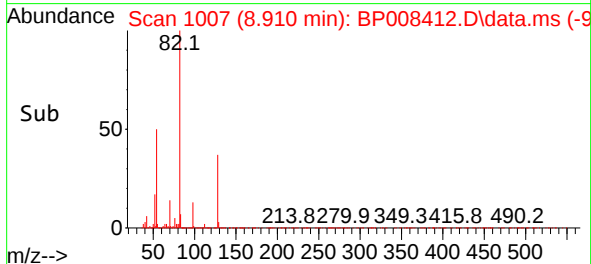
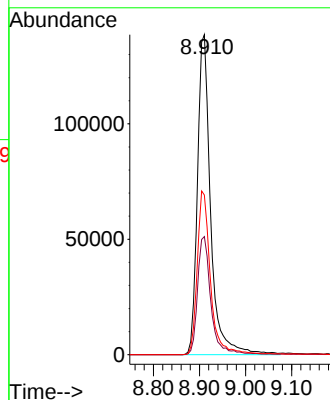
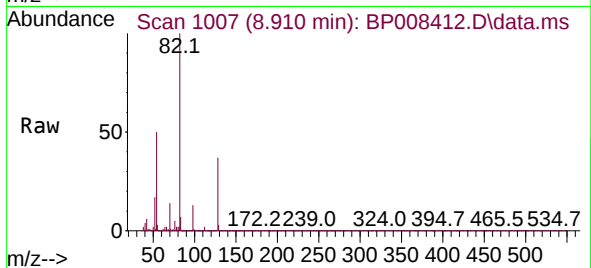
Tgt Ion: 82 Resp: 276175

Ion Ratio Lower Upper

82 100

128 36.9 29.6 44.4

54 49.9 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: BP008412.D

Acq: 15 Dec 2021 12:25

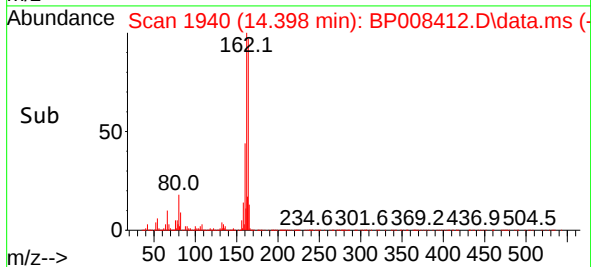
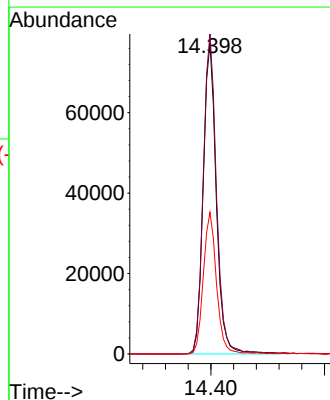
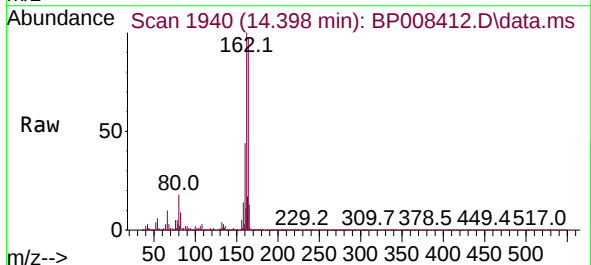
Tgt Ion:164 Resp: 123211

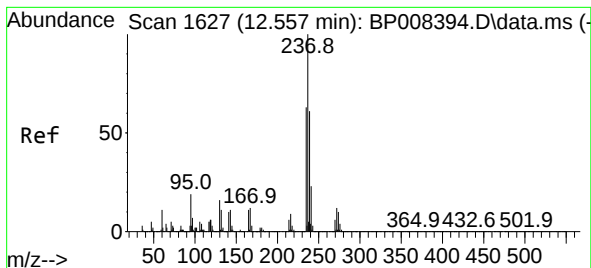
Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

160 45.5 35.4 53.0





#41

Hexachlorocyclopentadiene

Concen: 8.663 ng

RT: 12.416 min Scan# 1603

Delta R.T. -0.141 min

Lab File: BP008412.D

Acq: 15 Dec 2021 12:25

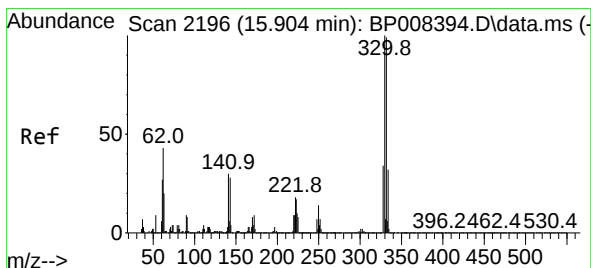
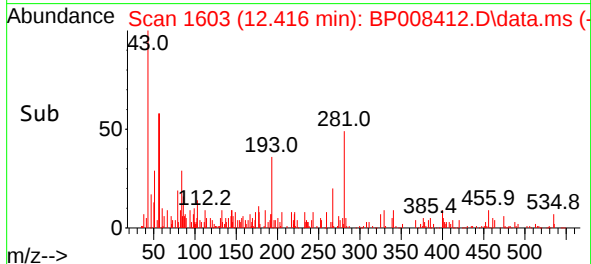
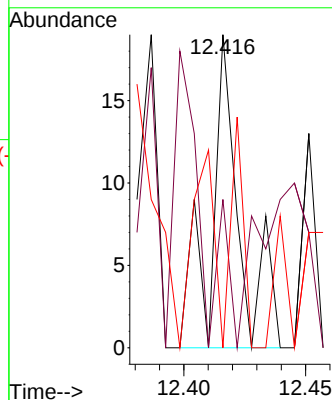
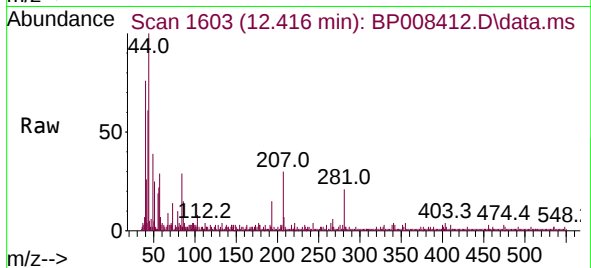
Instrument :

BNA_P

ClientSampleId :

SB-15-G

Tgt Ion:237	Resp:	16
Ion Ratio	Lower	Upper
237	100	
235	47.4	42.3 82.3
272	0.0	0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 81.216 ng

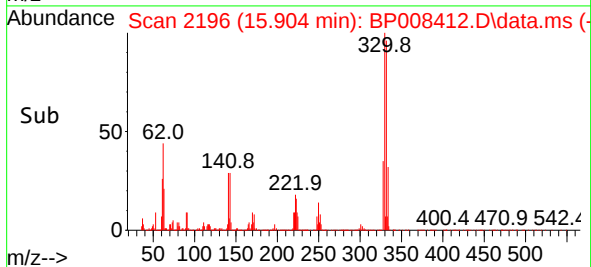
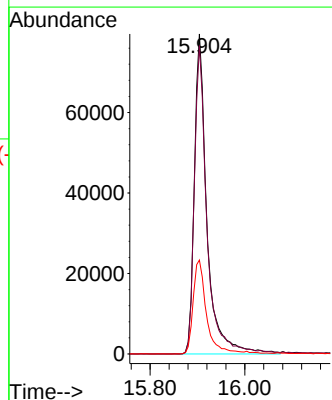
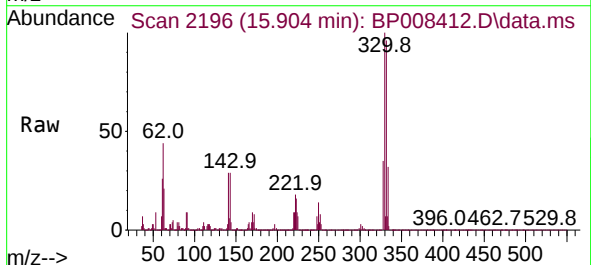
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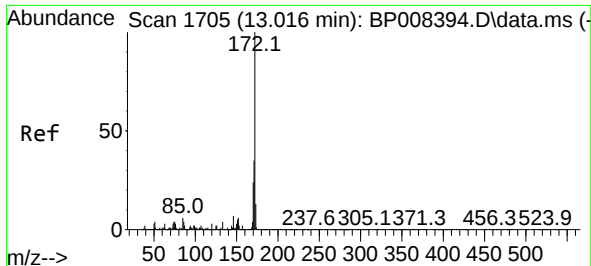
Delta R.T. -0.000 min

Lab File: BP008412.D

Acq: 15 Dec 2021 12:25

Tgt Ion:330	Resp:	147056
Ion Ratio	Lower	Upper
330	100	
332	96.4	77.0 115.4
141	31.6	28.4 42.6

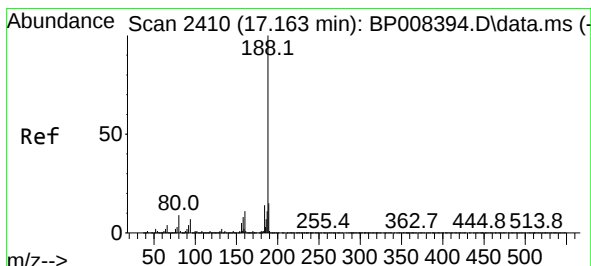
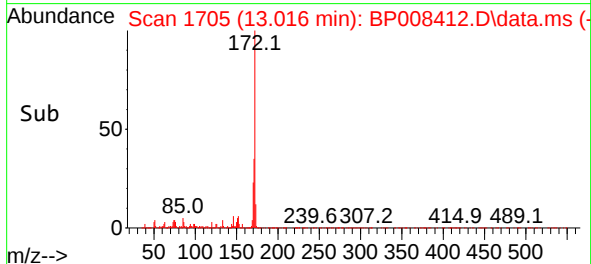
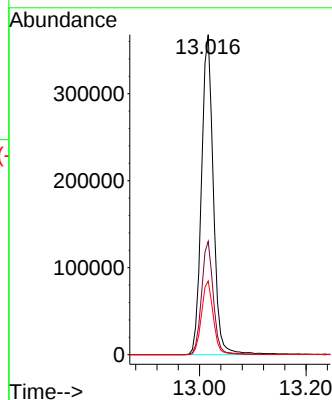
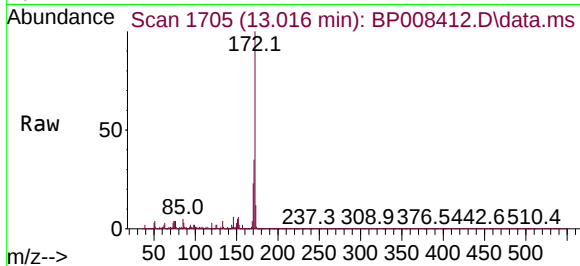




#45
2-Fluorobiphenyl
Concen: 58.673 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

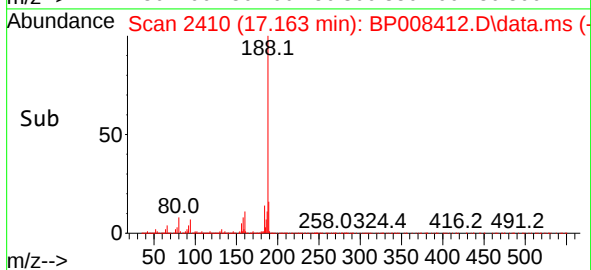
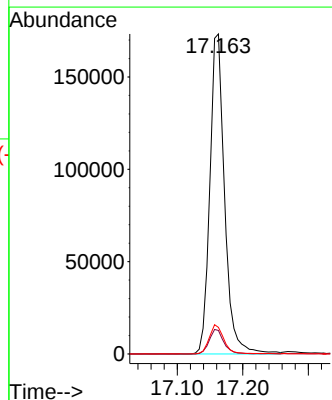
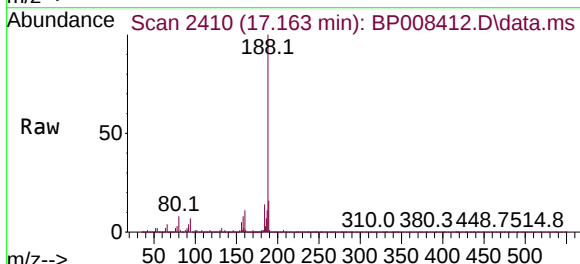
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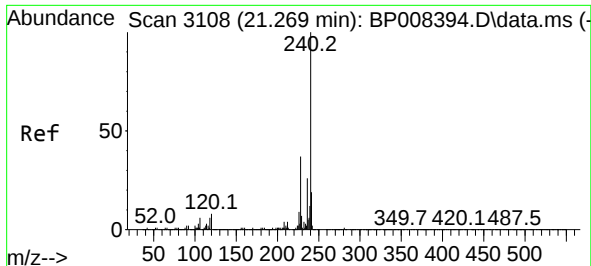
Tgt Ion:172 Resp: 568690
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

Tgt Ion:188 Resp: 271639
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 8.3 8.2 12.4

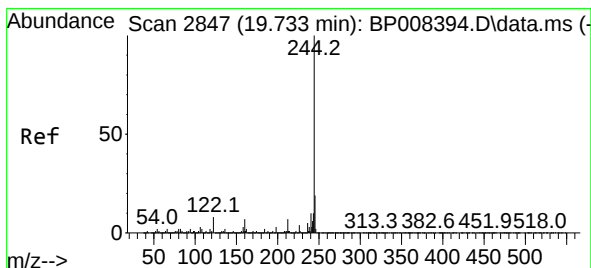
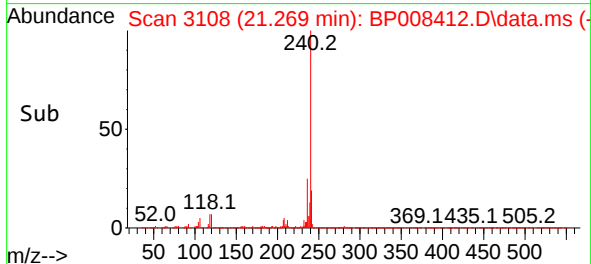
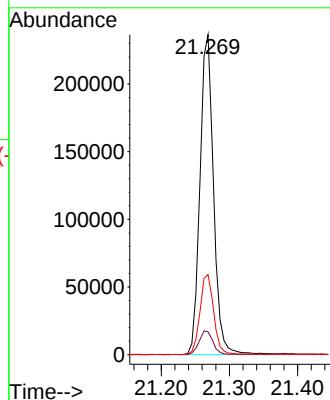
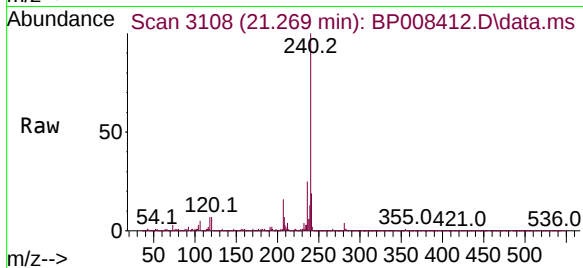




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

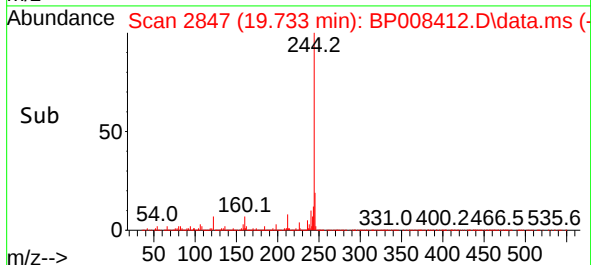
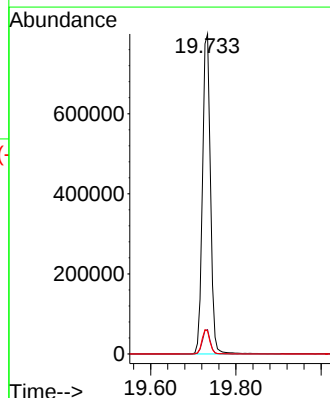
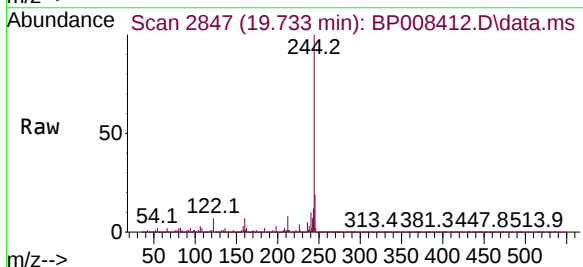
Instrument :
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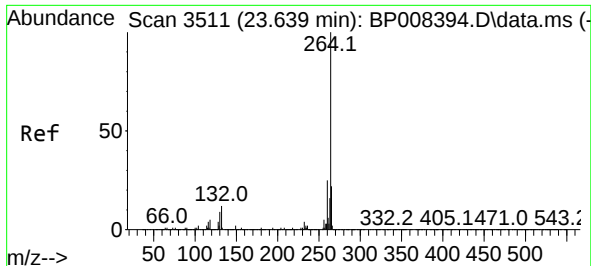
Tgt Ion:240 Resp: 326332
Ion Ratio Lower Upper
240 100
120 7.1 7.3 10.9#
236 25.1 21.4 32.2



#79
Terphenyl-d14
Concen: 55.365 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008412.D
Acq: 15 Dec 2021 12:25

Tgt Ion:244 Resp: 1038122
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: 23.633 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008412.D
 Acq: 15 Dec 2021 12:25

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 369799
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.4 17.6 26.4

