

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008454.D
 Acq On : 16 Dec 2021 15:58
 Operator : CG/JU
 Sample : M5074-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-3

Quant Time: Dec 16 16:52:25 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)

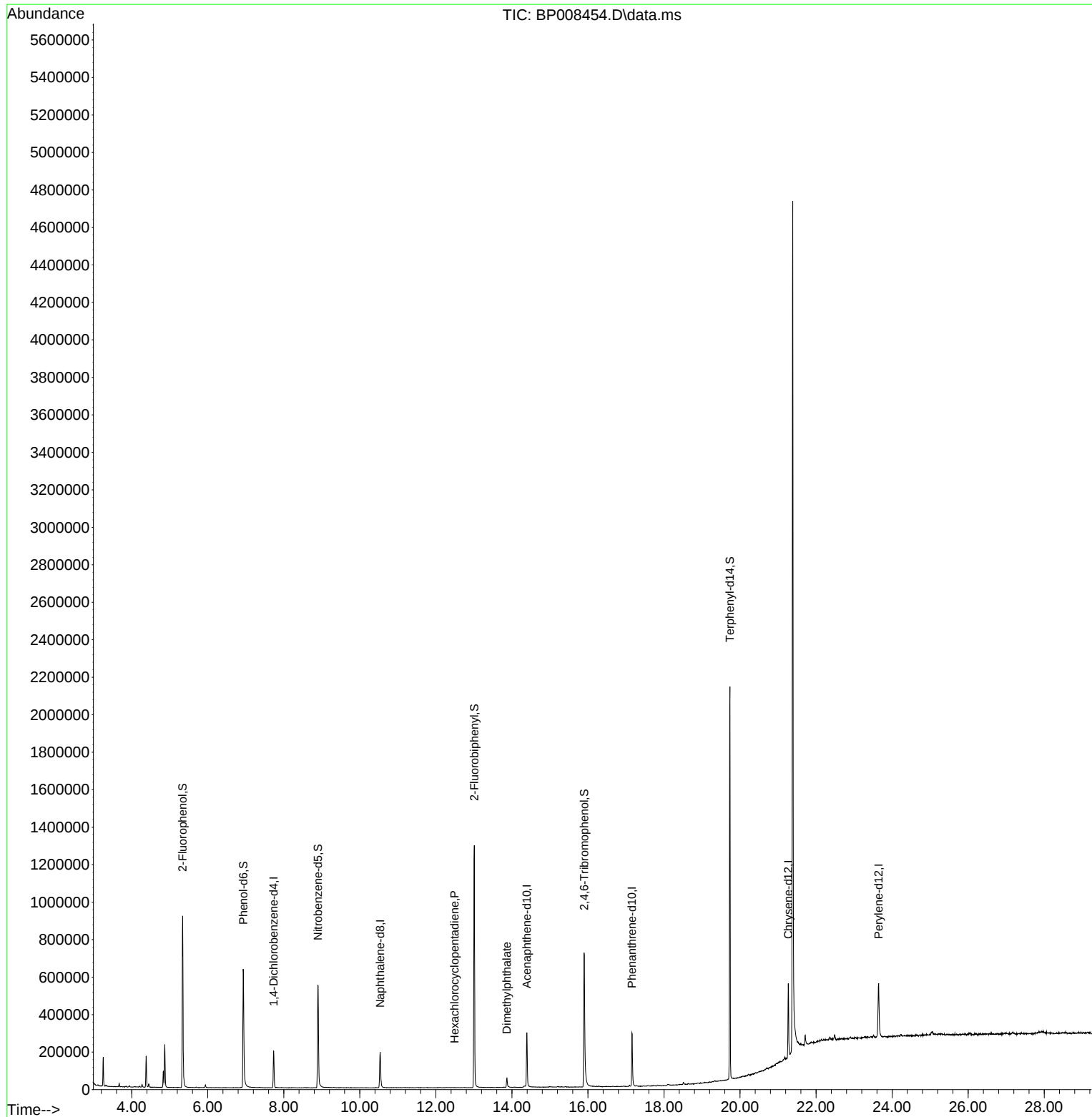
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	50751	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	172036	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	101730	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	199078	20.000	ng	0.00
76) Chrysene-d12	21.268	240	205007	20.000	ng	# 0.00
86) Perylene-d12	23.645	264	248937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	380956	118.544	ng	0.00
7) Phenol-d6	6.934	99	410418	95.090	ng	0.00
23) Nitrobenzene-d5	8.898	82	359128	88.437	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	191249	127.926	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	683460	85.404	ng	0.00
79) Terphenyl-d14	19.733	244	984602	83.587	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	195	Below Cal	#	1
9) Benzaldehyde	6.875	77	101	Below Cal	#	21
41) Hexachlorocyclopentadiene	12.492	237	13	8.663	ng	76
50) Dimethylphthalate	13.869	163	36810	4.779	ng	100

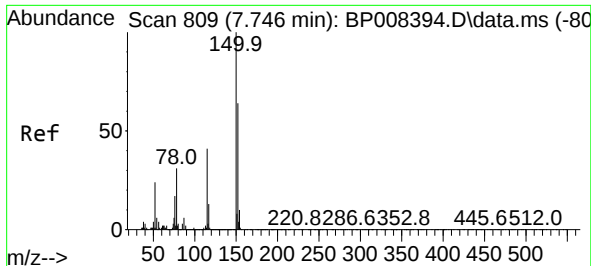
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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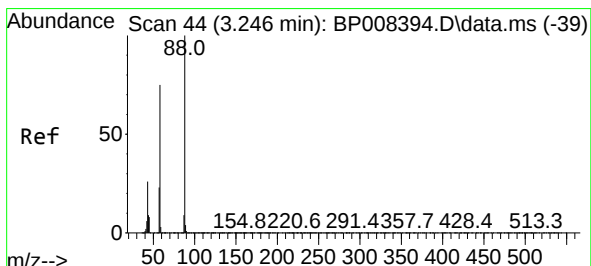
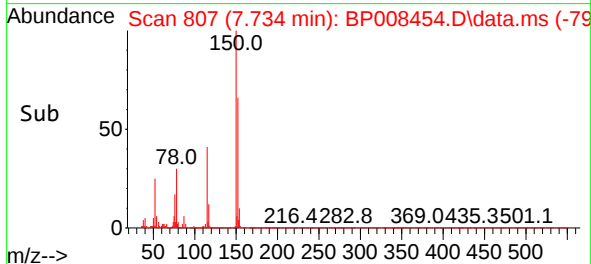
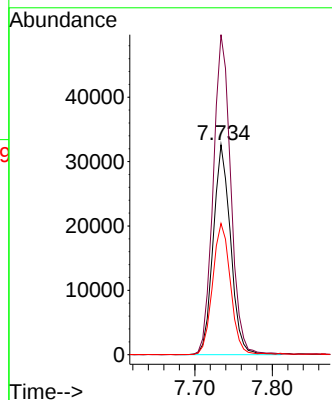
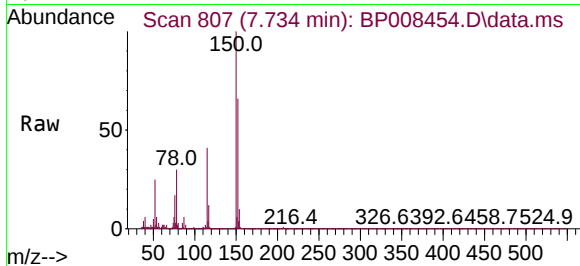




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008454.D
 Acq: 16 Dec 2021 15:58

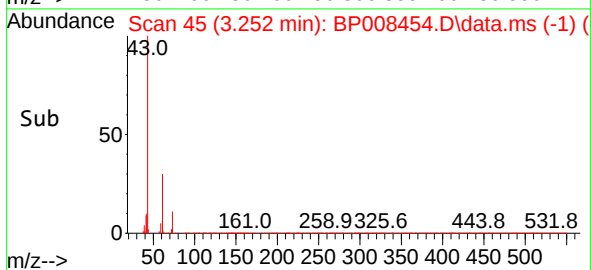
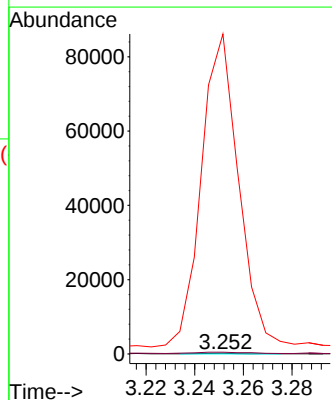
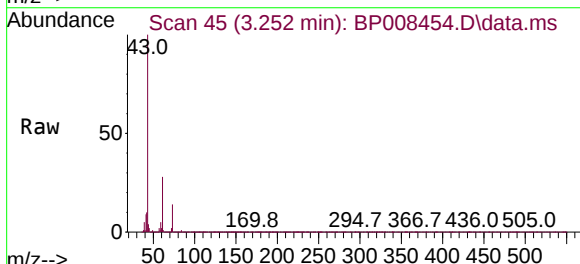
Instrument :
 BNA_P
 ClientSampleId :
 CS-3

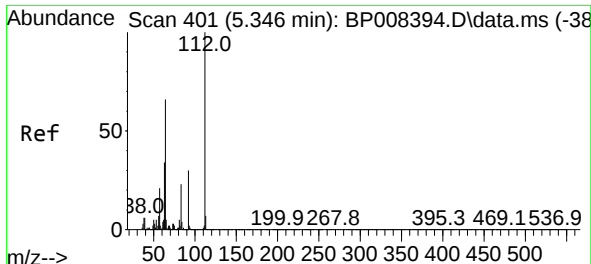
Tgt Ion:152 Resp: 50751
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.7 188.5
 115 62.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.252 min Scan# 45
 Delta R.T. 0.006 min
 Lab File: BP008454.D
 Acq: 16 Dec 2021 15:58

Tgt Ion: 88 Resp: 195
 Ion Ratio Lower Upper
 88 100
 58 265.1 63.5 95.3#
 43 46309.7 23.4 35.2#

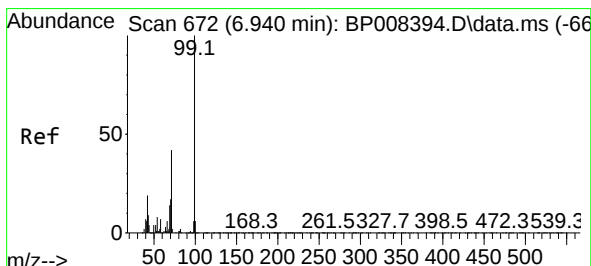
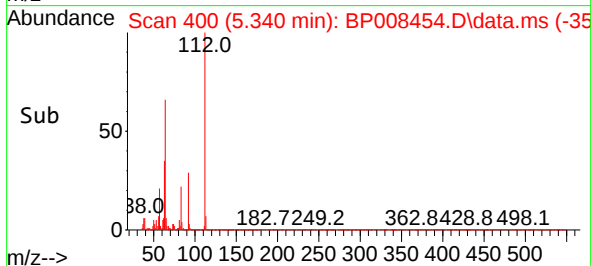
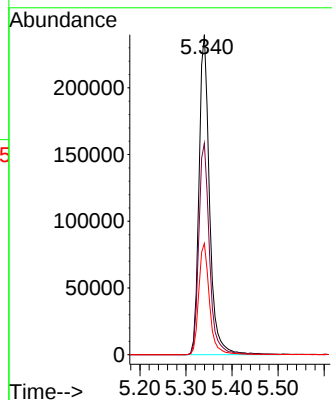
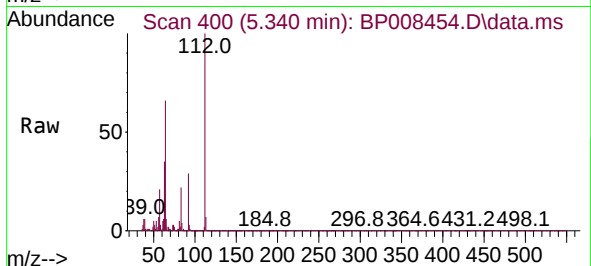




#5
2-Fluorophenol
Concen: 118.544 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

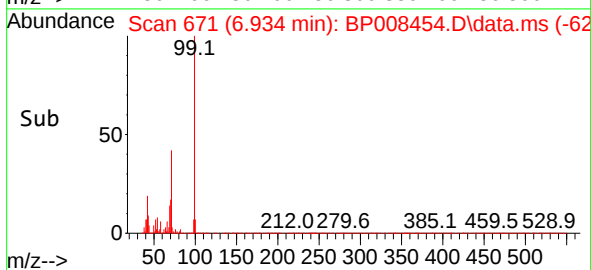
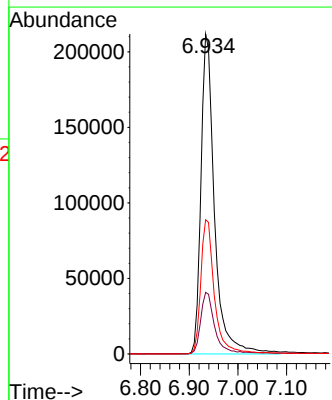
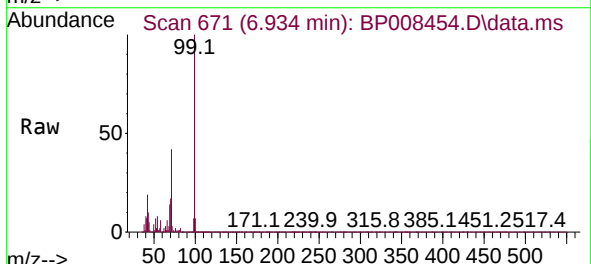
Instrument :
BNA_P
ClientSampleId :
CS-3

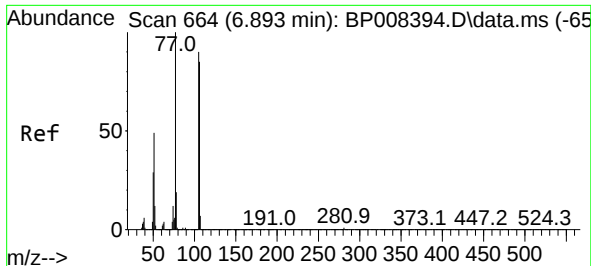
Tgt Ion:112 Resp: 380956
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 34.7 27.8 41.8



#7
Phenol-d6
Concen: 95.090 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

Tgt Ion: 99 Resp: 410418
Ion Ratio Lower Upper
99 100
42 19.2 14.6 22.0
71 41.9 31.1 46.7

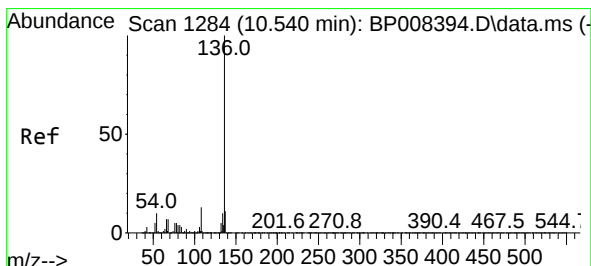
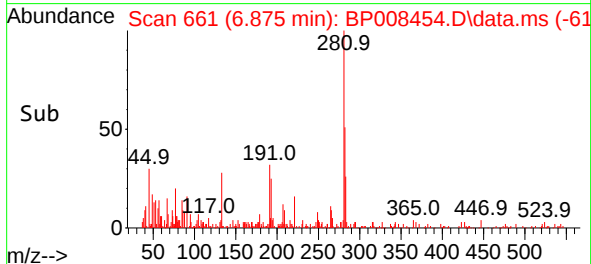
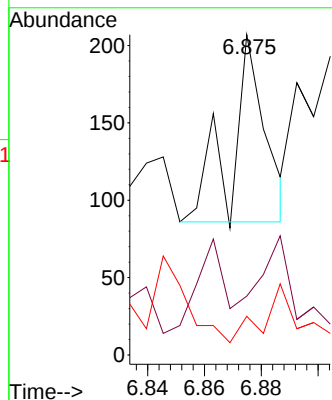
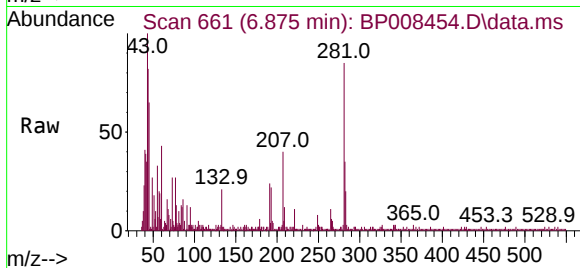




#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

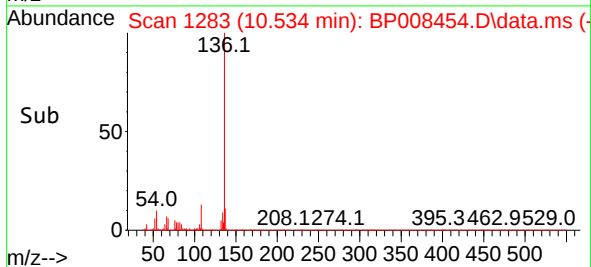
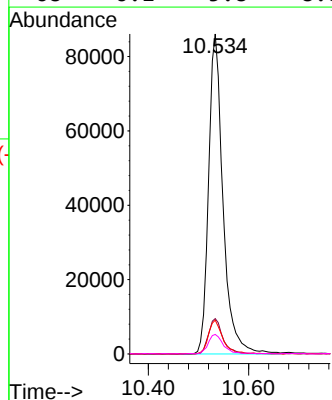
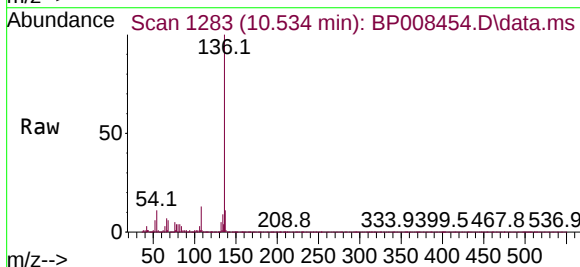
Instrument :
BNA_P
ClientSampleId :
CS-3

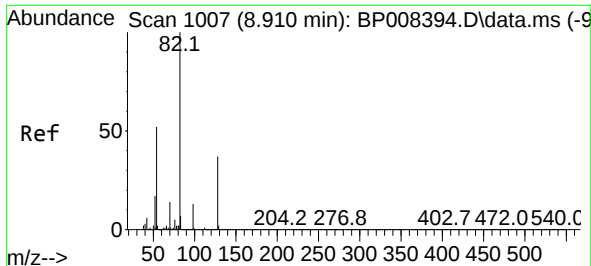
Tgt Ion: 77 Resp: 101
Ion Ratio Lower Upper
77 100
105 18.4 71.8 111.8#
106 12.1 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

Tgt Ion:136 Resp: 172036
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.5 8.2 12.4
68 6.1 5.8 8.8

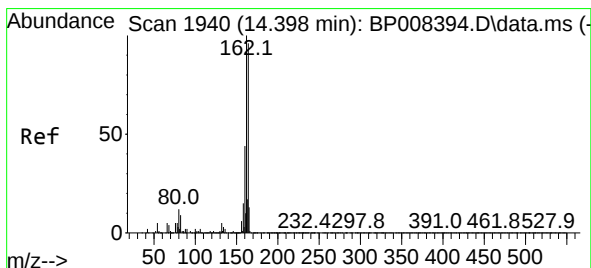
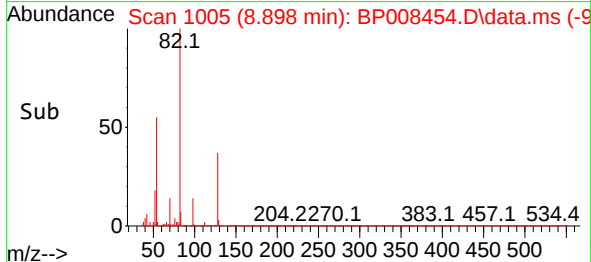
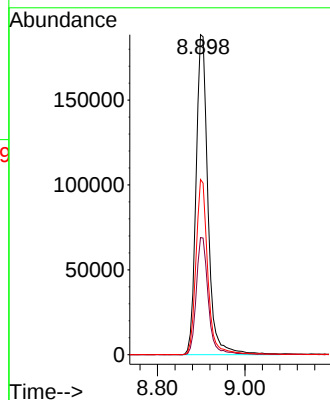
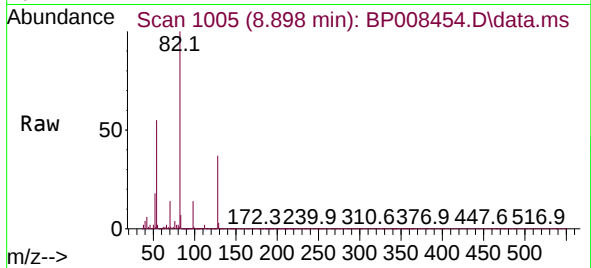




#23
Nitrobenzene-d5
Concen: 88.437 ng
RT: 8.898 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

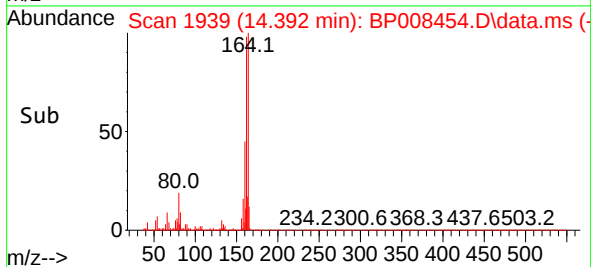
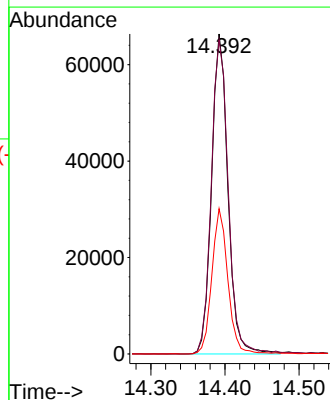
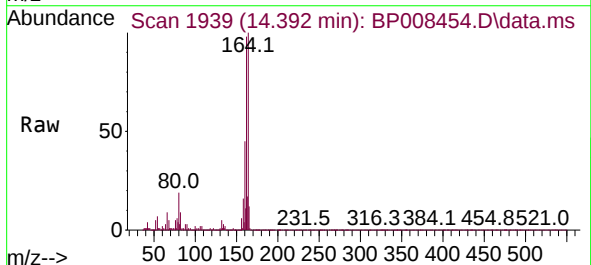
Instrument :
BNA_P
ClientSampleId :
CS-3

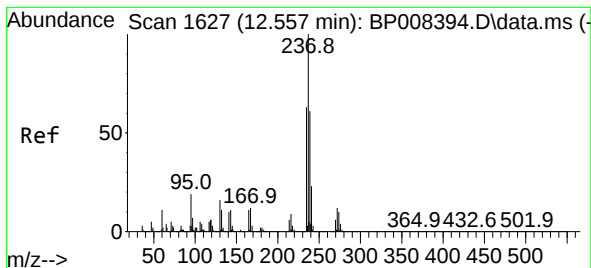
Tgt Ion: 82 Resp: 359128
Ion Ratio Lower Upper
82 100
128 36.6 29.6 44.4
54 54.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

Tgt Ion: 164 Resp: 101730
Ion Ratio Lower Upper
164 100
162 98.1 81.9 122.9
160 45.4 35.4 53.0





#41

Hexachlorocyclopentadiene

Concen: 8.663 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.065 min

Lab File: BP008454.D

Acq: 16 Dec 2021 15:58

Instrument :

BNA_P

ClientSampleId :

CS-3

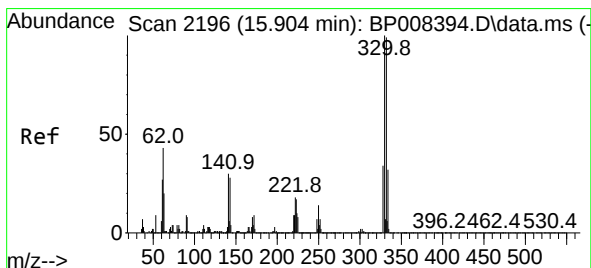
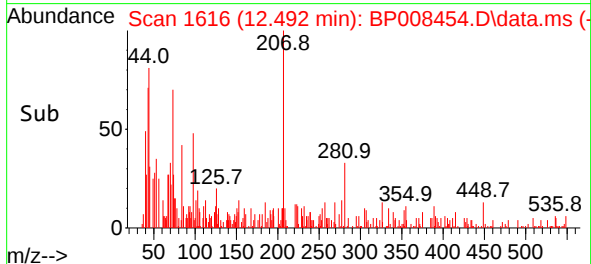
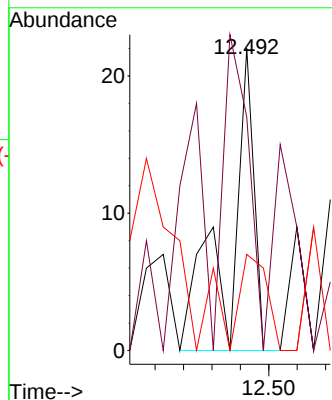
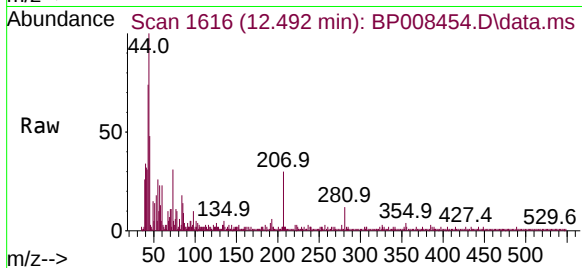
Tgt Ion:237 Resp: 13

Ion Ratio Lower Upper

237 100

235 77.3 42.3 82.3

272 31.8 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 127.926 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BP008454.D

Acq: 16 Dec 2021 15:58

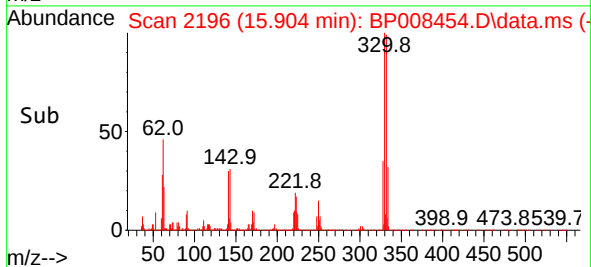
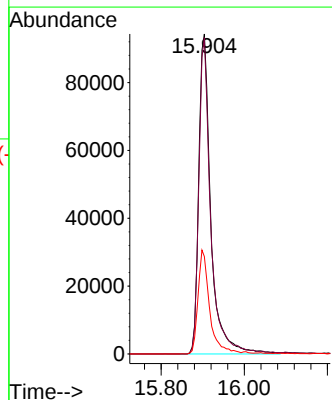
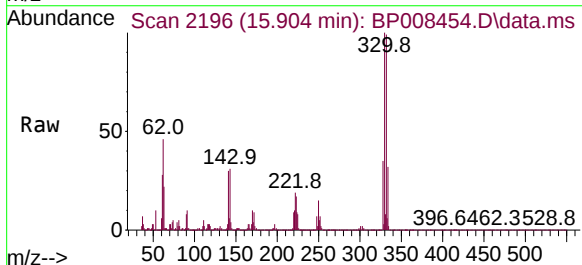
Tgt Ion:330 Resp: 191249

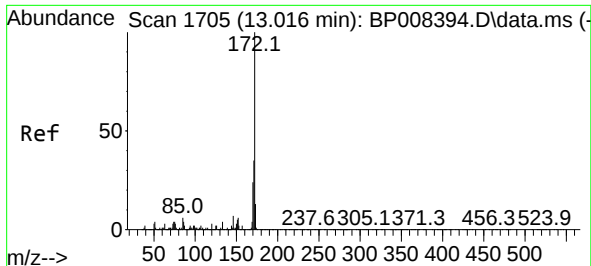
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 31.2 28.4 42.6

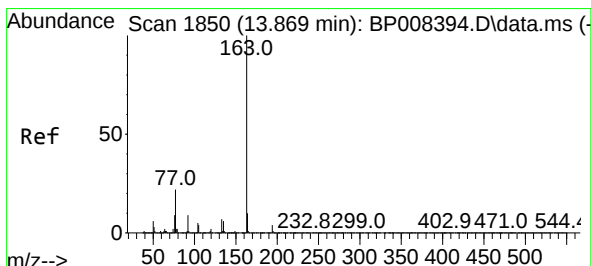
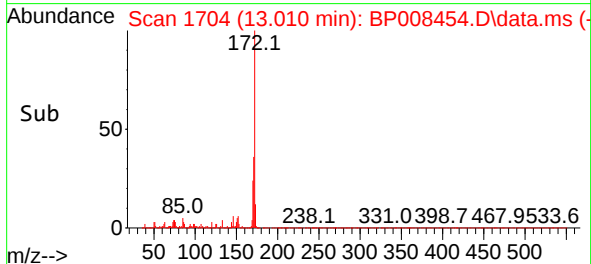
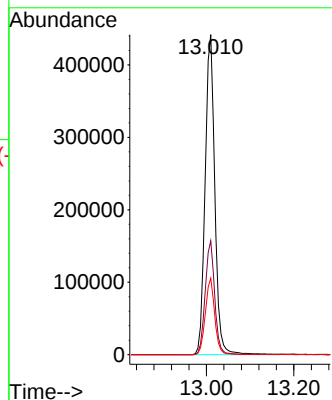
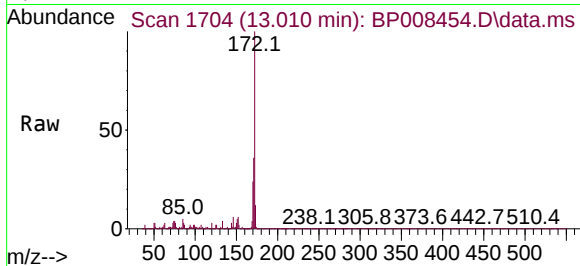




#45
2-Fluorobiphenyl
Concen: 85.404 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

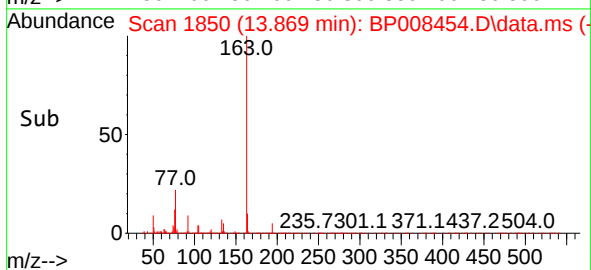
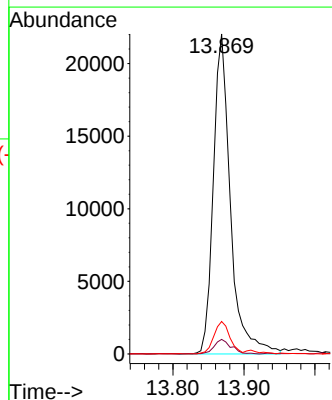
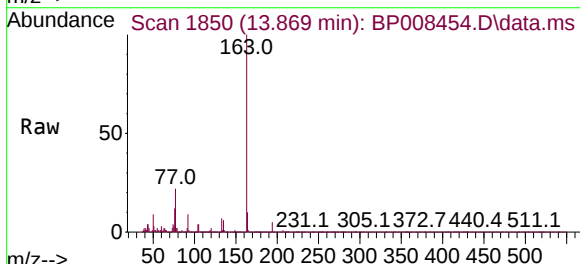
Instrument :
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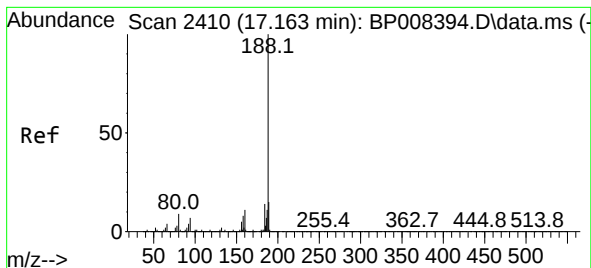
Tgt Ion:172 Resp: 683460
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.9 18.9 28.3



#50
Dimethylphthalate
Concen: 4.779 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP008454.D
Acq: 16 Dec 2021 15:58

Tgt Ion:163 Resp: 36810
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.1 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP008454.D

Acq: 16 Dec 2021 15:58

Instrument :

BNA_P

ClientSampleId :

CS-3

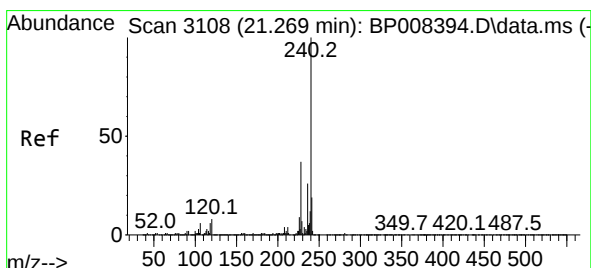
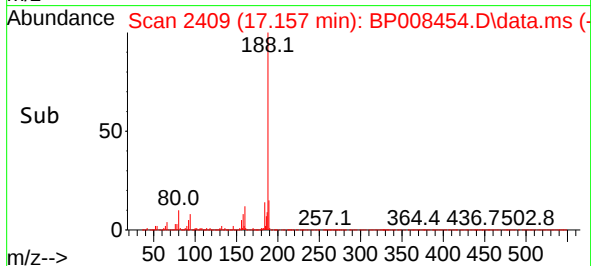
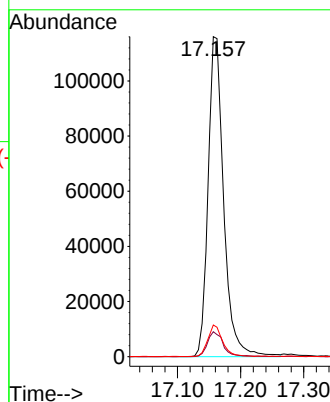
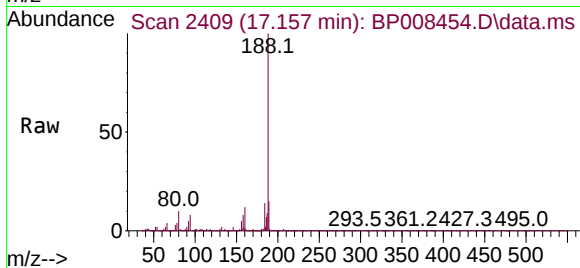
Tgt Ion:188 Resp: 199078

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 9.9 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: BP008454.D

Acq: 16 Dec 2021 15:58

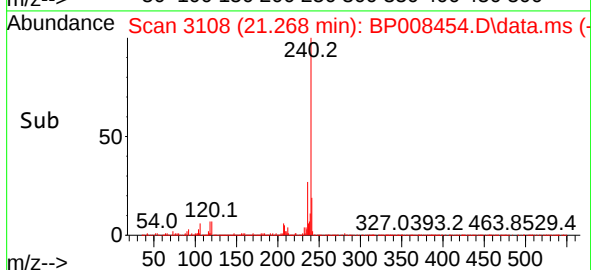
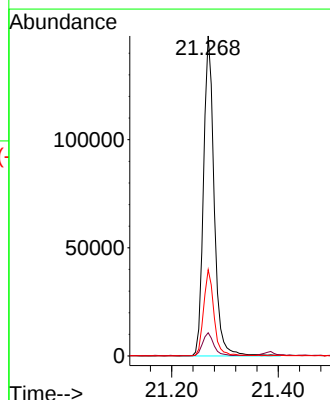
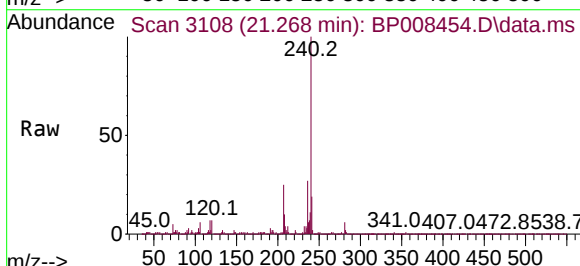
Tgt Ion:240 Resp: 205007

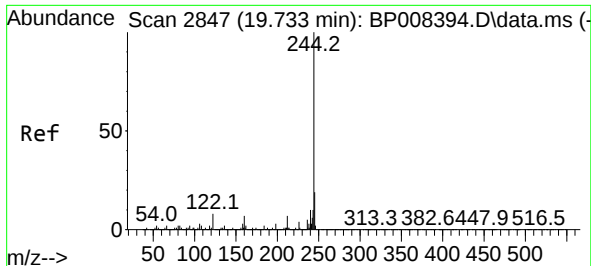
Ion Ratio Lower Upper

240 100

120 7.3 7.3 10.9#

236 27.0 21.4 32.2

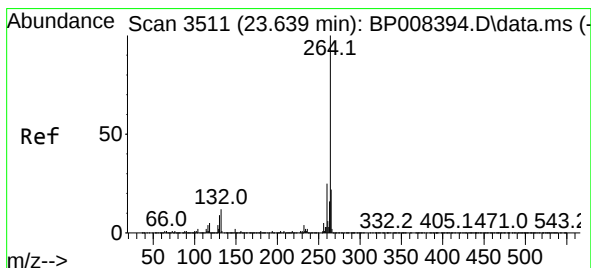
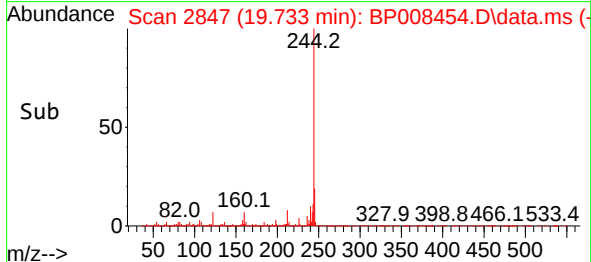
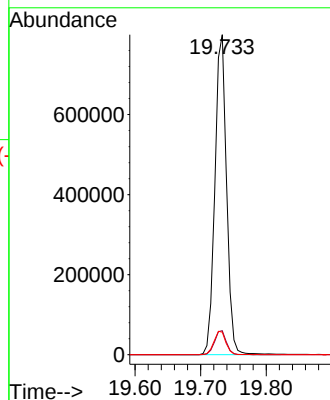
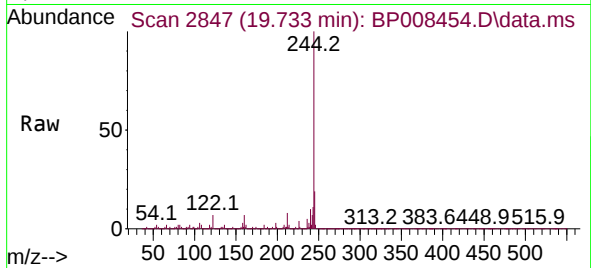




#79
 Terphenyl-d14
 Concen: 83.587 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008454.D
 Acq: 16 Dec 2021 15:58

Instrument :
 BNA_P
 ClientSampleId :
 CS-3

Tgt Ion:	244	Resp:	984602
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	7.0	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.645 min Scan# 3512
 Delta R.T. 0.006 min
 Lab File: BP008454.D
 Acq: 16 Dec 2021 15:58

Tgt Ion:	264	Resp:	248937
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.5	17.6	26.4

