

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008453.D
 Acq On : 16 Dec 2021 15:24
 Operator : CG/JU
 Sample : M5074-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-4

Quant Time: Dec 16 15:55:41 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)

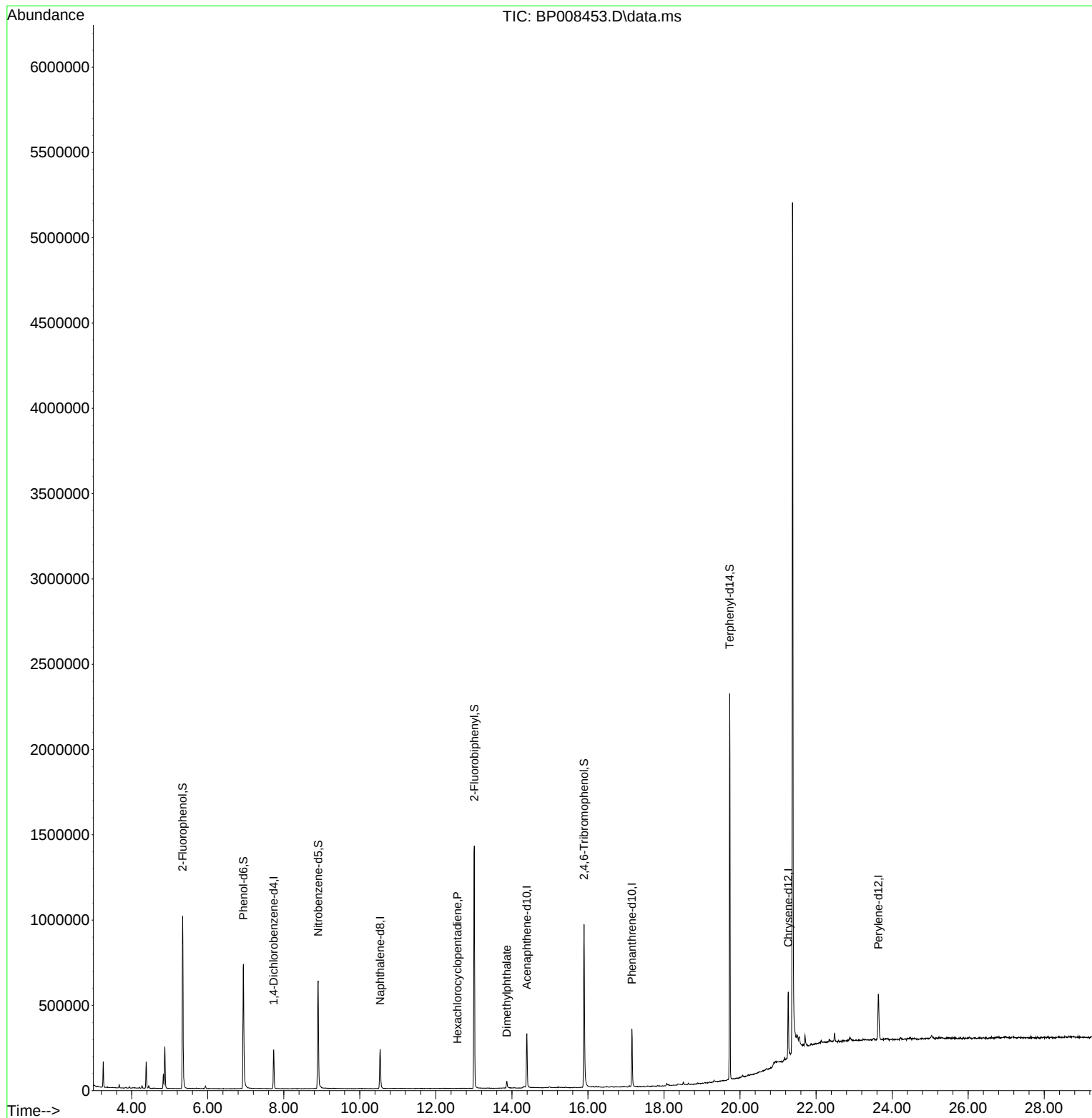
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	56333	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	196114	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	113145	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	215342	20.000	ng	0.00
76) Chrysene-d12	21.269	240	200308	20.000	ng	0.00
86) Perylene-d12	23.639	264	233470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	415490	116.478	ng	0.00
7) Phenol-d6	6.940	99	457648	95.526	ng	0.00
23) Nitrobenzene-d5	8.905	82	396630	85.681	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	210953	126.870	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	756107	84.950	ng	0.00
79) Terphenyl-d14	19.727	244	1023547	88.931	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.234	88	125	Below Cal	#	1
9) Benzaldehyde	6.875	77	200	Below Cal	#	17
41) Hexachlorocyclopentadiene	12.569	237	23	8.669	ng	92
50) Dimethylphthalate	13.863	163	29611	3.457	ng	99

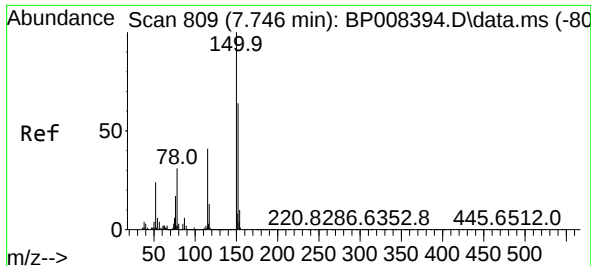
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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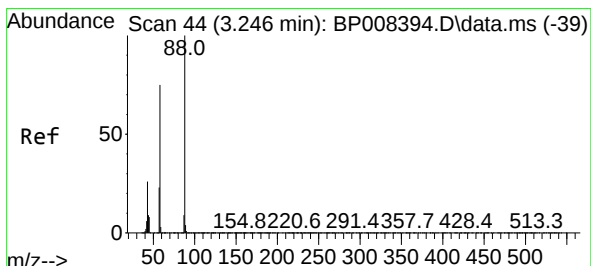
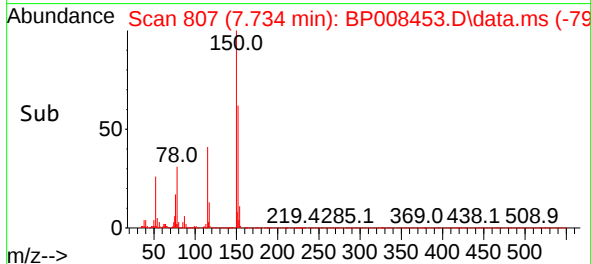
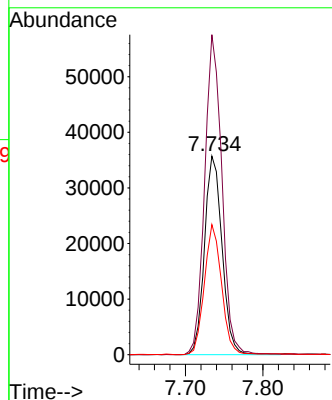
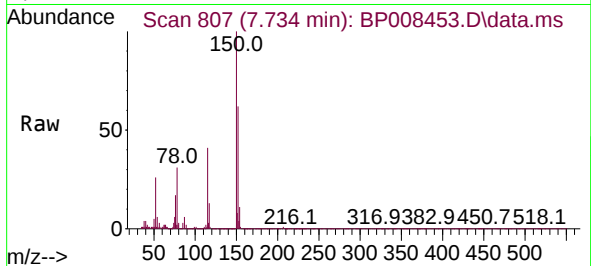




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

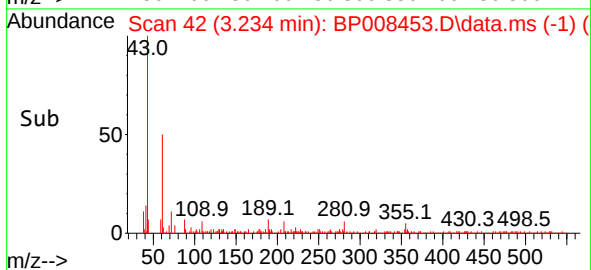
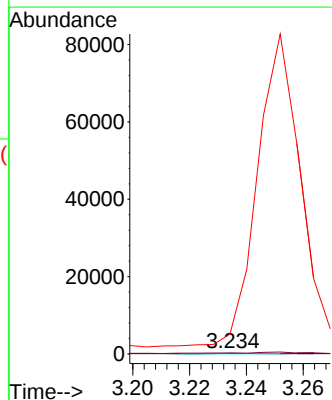
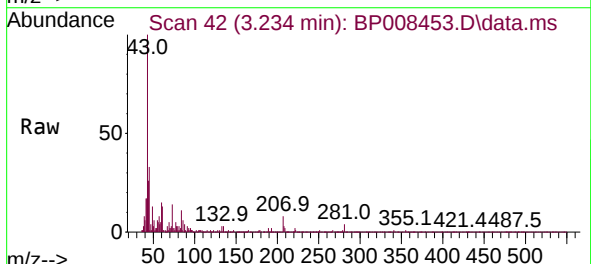
Instrument :
BNA_P
ClientSampleId :
CS-4

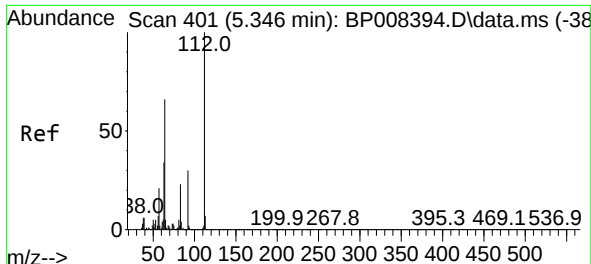
Tgt Ion:152 Resp: 56333
Ion Ratio Lower Upper
152 100
150 161.1 125.7 188.5
115 65.5 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 42
Delta R.T. -0.012 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
58 372.0 63.5 95.3#
43 69421.6 23.4 35.2#

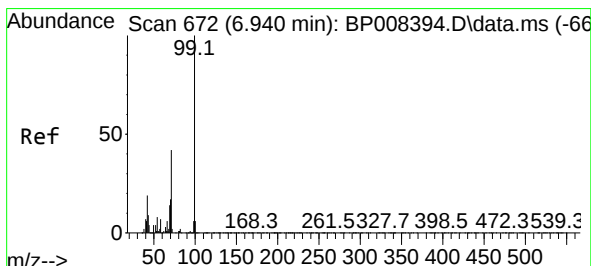
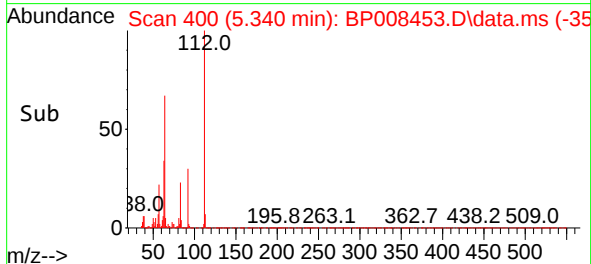
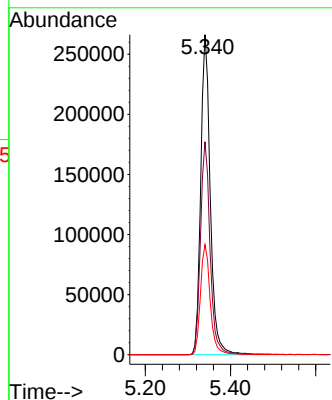
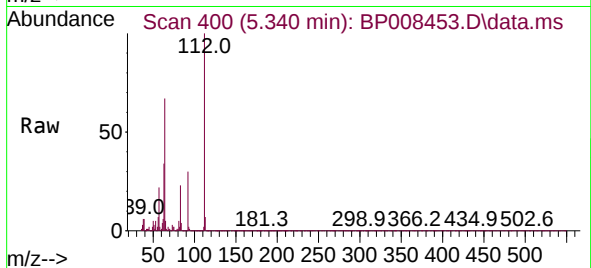




#5
2-Fluorophenol
Concen: 116.478 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

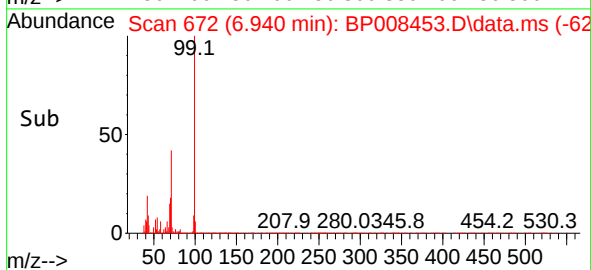
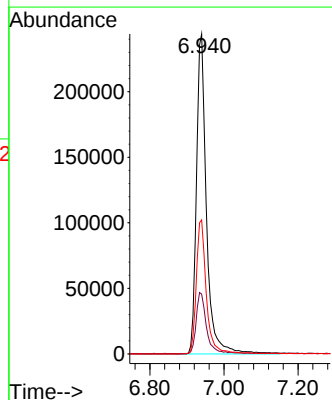
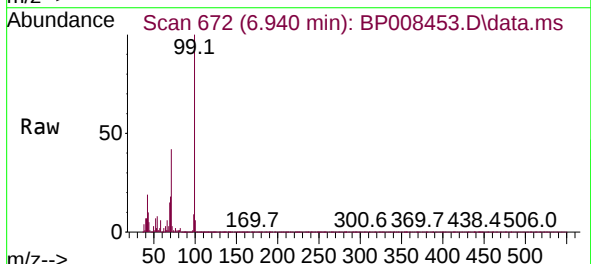
Instrument :
BNA_P
ClientSampleId :
CS-4

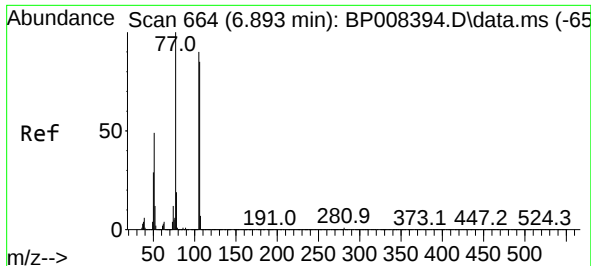
Tgt Ion:112 Resp: 415490
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 34.4 27.8 41.8



#7
Phenol-d6
Concen: 95.526 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

Tgt Ion: 99 Resp: 457648
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 41.9 31.1 46.7

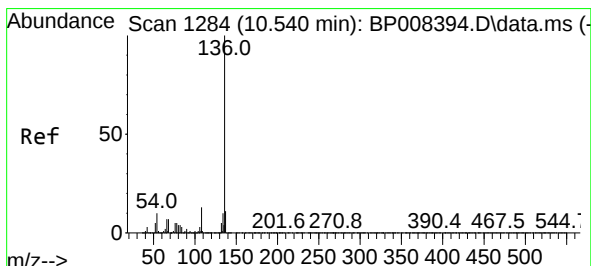
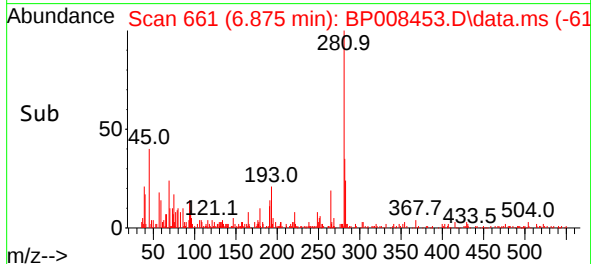
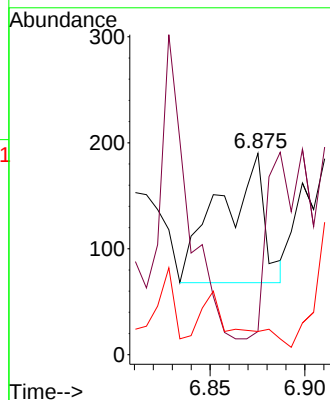
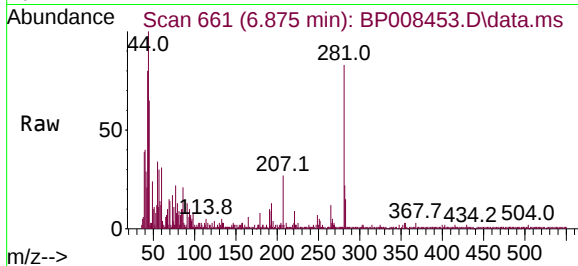




#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

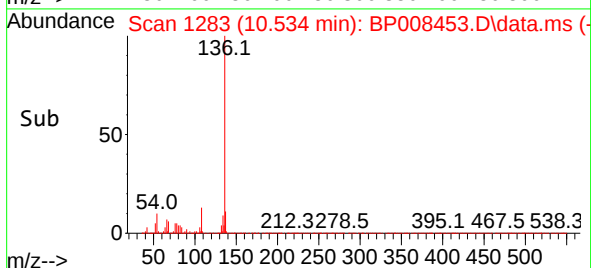
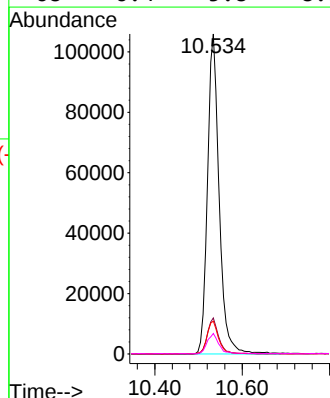
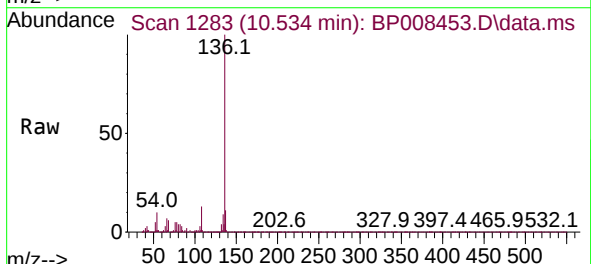
Instrument :
BNA_P
ClientSampleId :
CS-4

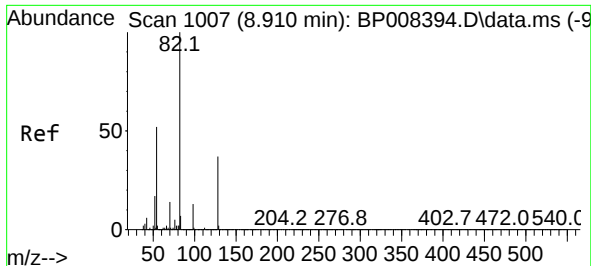
Tgt Ion: 77 Resp: 200
Ion Ratio Lower Upper
77 100
105 11.6 71.8 111.8#
106 11.6 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

Tgt Ion:136 Resp: 196114
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.2 8.2 12.4
68 6.4 5.8 8.8

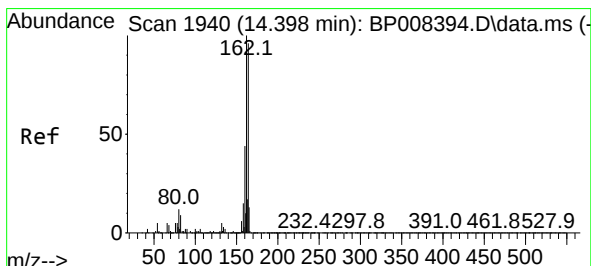
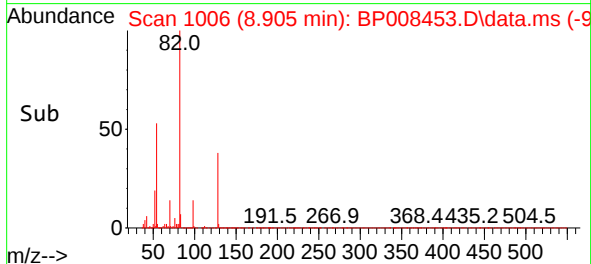
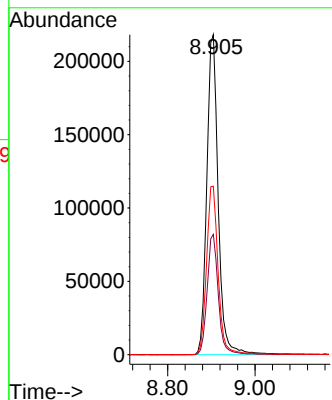
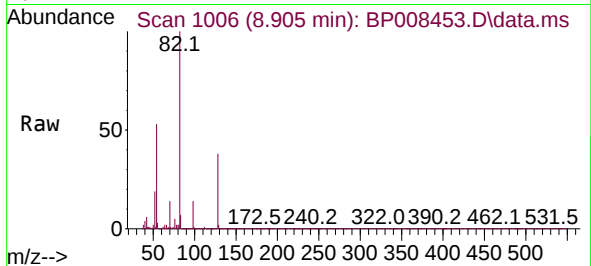




#23
Nitrobenzene-d5
Concen: 85.681 ng
RT: 8.905 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

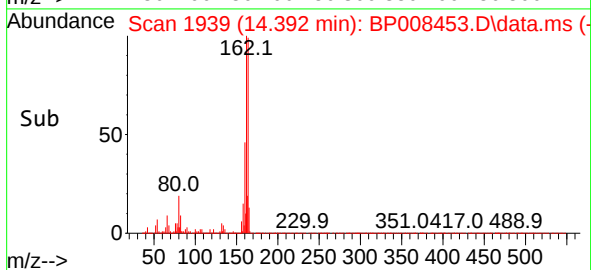
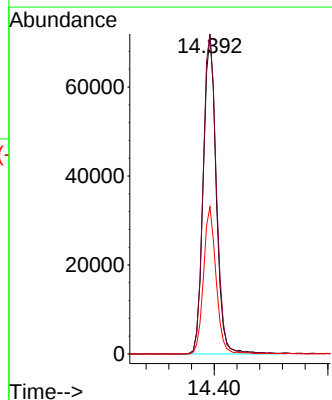
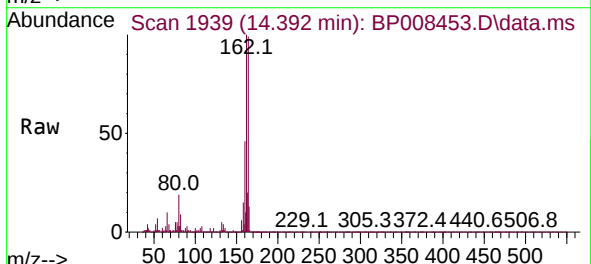
Instrument :
BNA_P
ClientSampleId :
CS-4

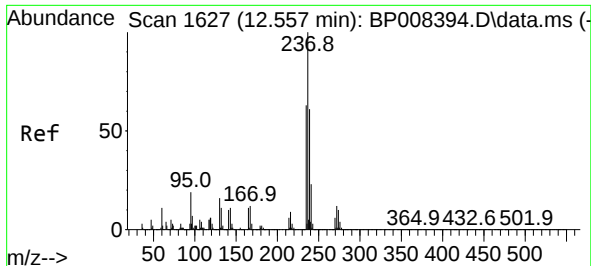
Tgt Ion: 82 Resp: 396630
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 52.6 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

Tgt Ion: 164 Resp: 113145
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 46.2 35.4 53.0

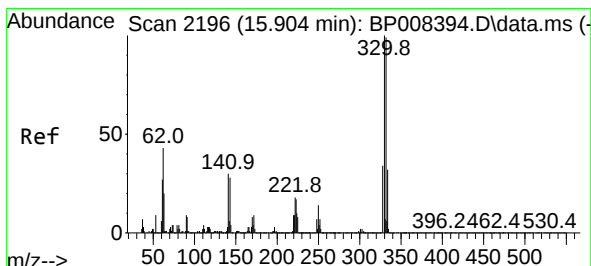
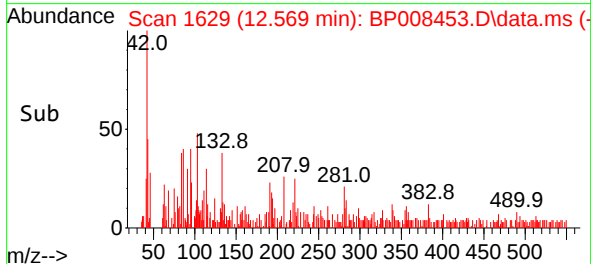
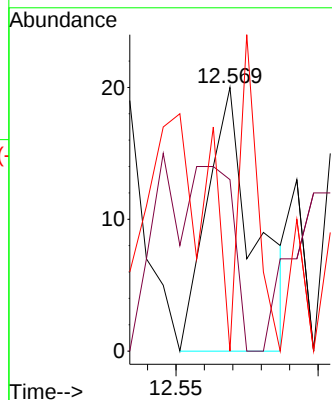
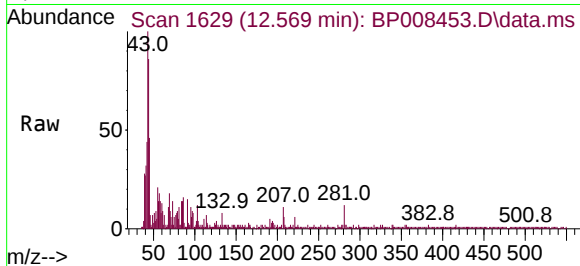




#41
Hexachlorocyclopentadiene
Concen: 8.669 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

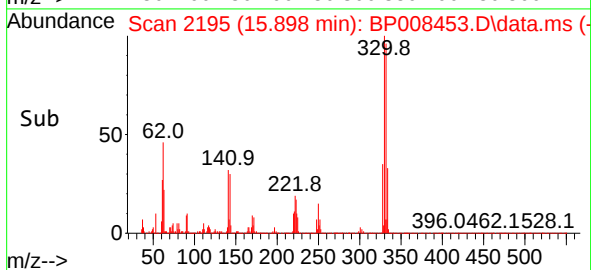
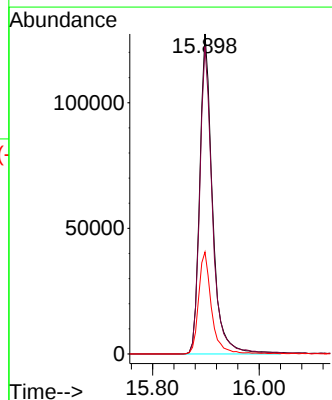
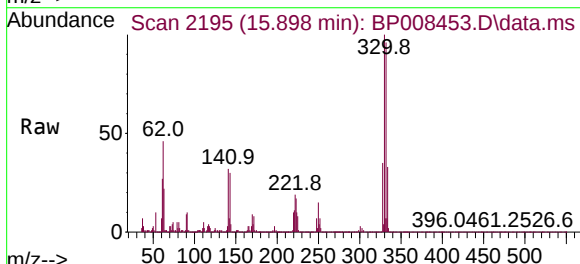
Instrument :
BNA_P
ClientSampleId :
CS-4

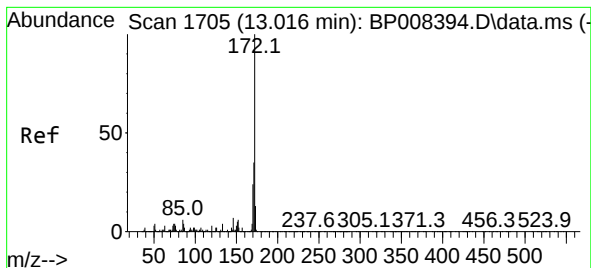
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 126.870 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

Tgt Ion:	330	Resp:	210953
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.4
141	32.3	28.4	42.6





#45

2-Fluorobiphenyl

Concen: 84.950 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008453.D

Acq: 16 Dec 2021 15:24

Instrument :

BNA_P

ClientSampleId :

CS-4

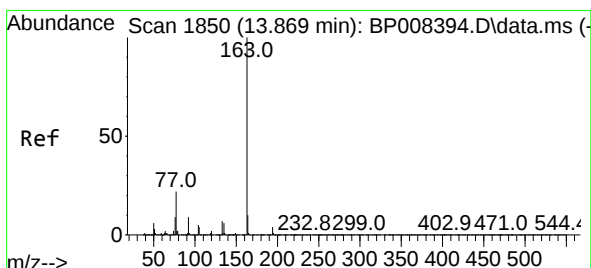
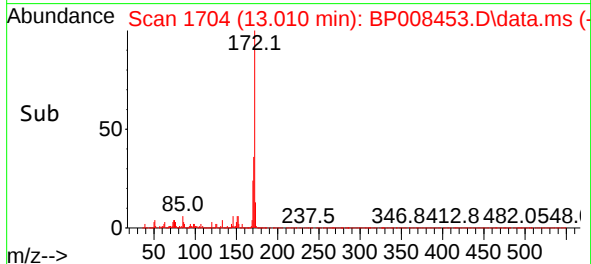
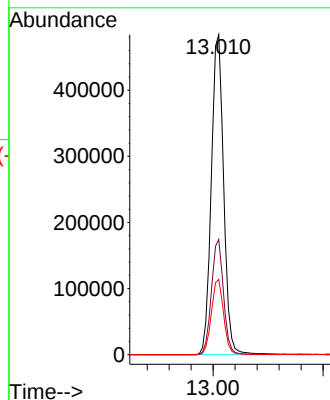
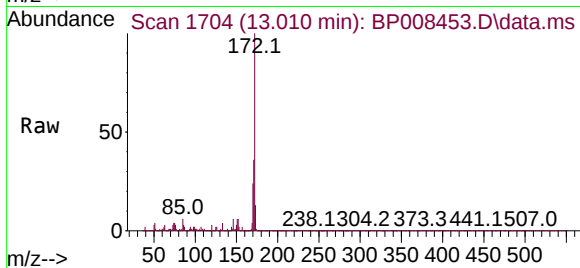
Tgt Ion:172 Resp: 756107

Ion Ratio Lower Upper

172 100

171 36.0 28.0 42.0

170 23.6 18.9 28.3



#50

Dimethylphthalate

Concen: 3.457 ng

RT: 13.863 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BP008453.D

Acq: 16 Dec 2021 15:24

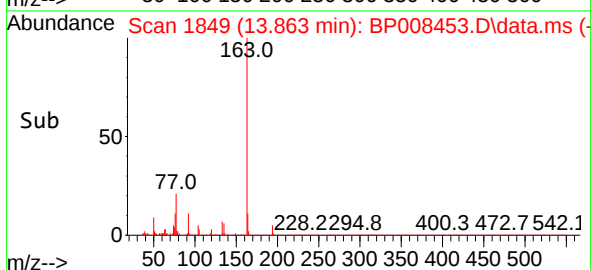
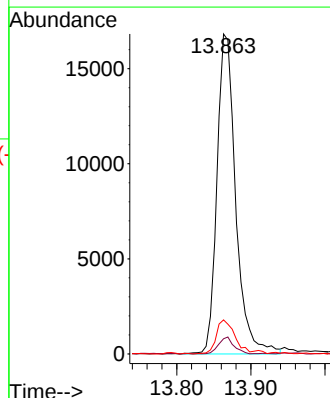
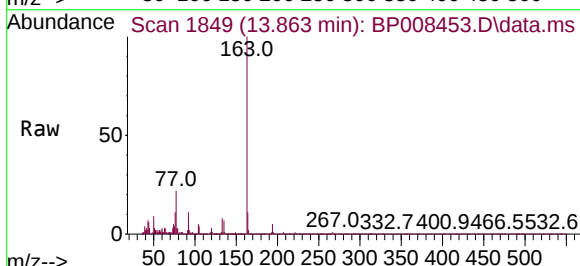
Tgt Ion:163 Resp: 29611

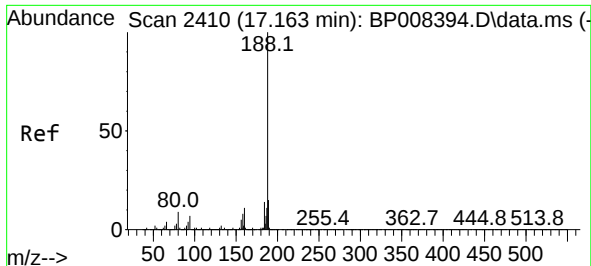
Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

164 10.6 8.2 12.2

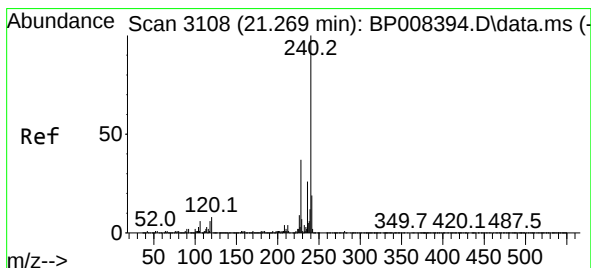
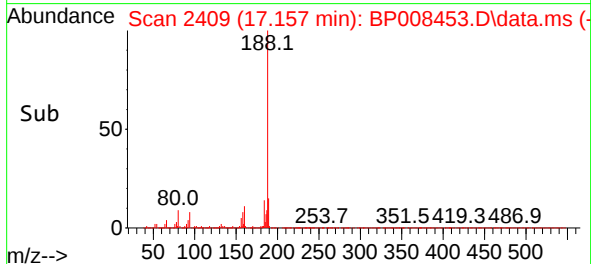
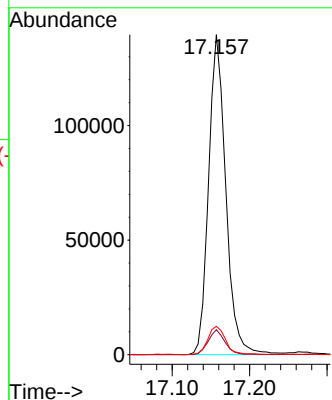
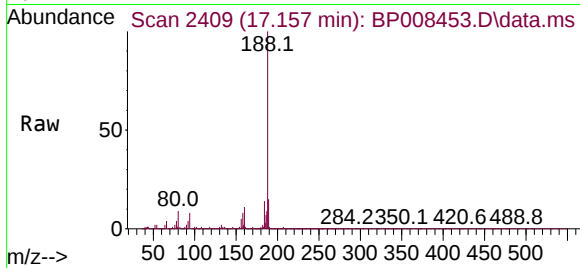




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

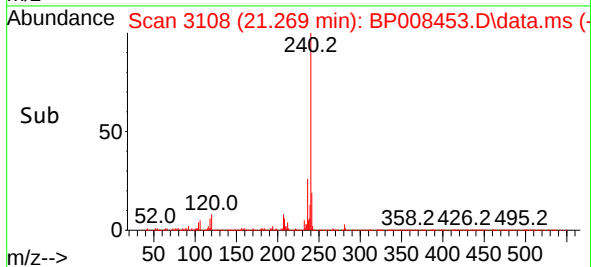
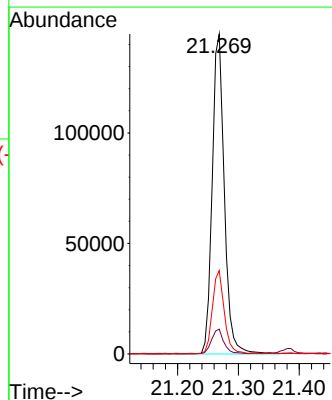
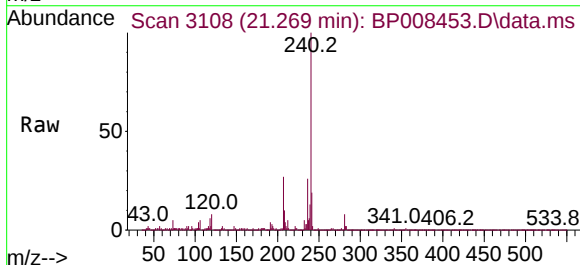
Instrument :
BNA_P
ClientSampleId :
CS-4

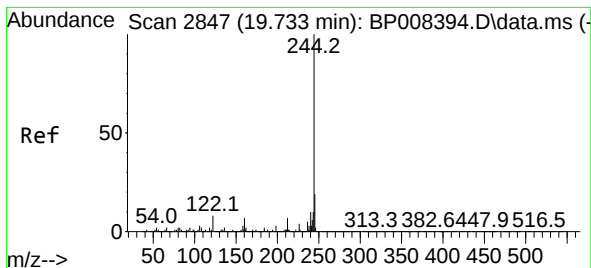
Tgt Ion:188 Resp: 215342
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008453.D
Acq: 16 Dec 2021 15:24

Tgt Ion:240 Resp: 200308
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 88.931 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008453.D

Acq: 16 Dec 2021 15:24

Instrument :

BNA_P

ClientSampleId :

CS-4

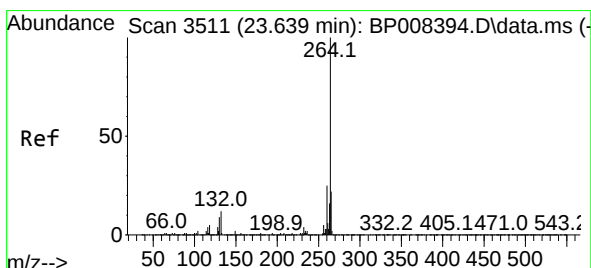
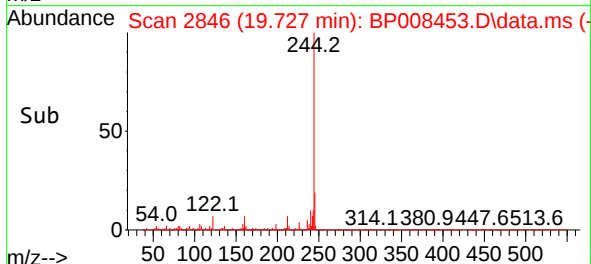
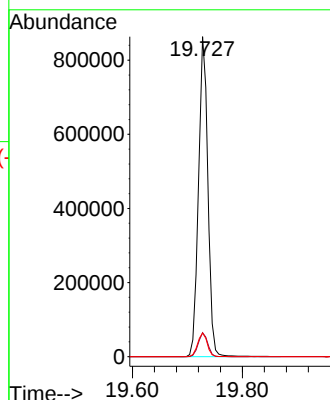
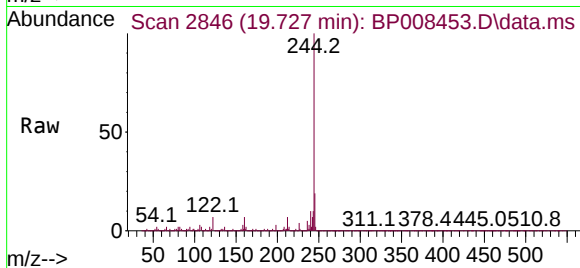
Tgt Ion:244 Resp: 1023547

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 7.4 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.639 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BP008453.D

Acq: 16 Dec 2021 15:24

Tgt Ion:264 Resp: 233470

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 23.0 17.6 26.4

