

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008421.D
 Acq On : 15 Dec 2021 17:30
 Operator : CG/JU
 Sample : M5017-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2

Quant Time: Dec 15 18:00:53 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)

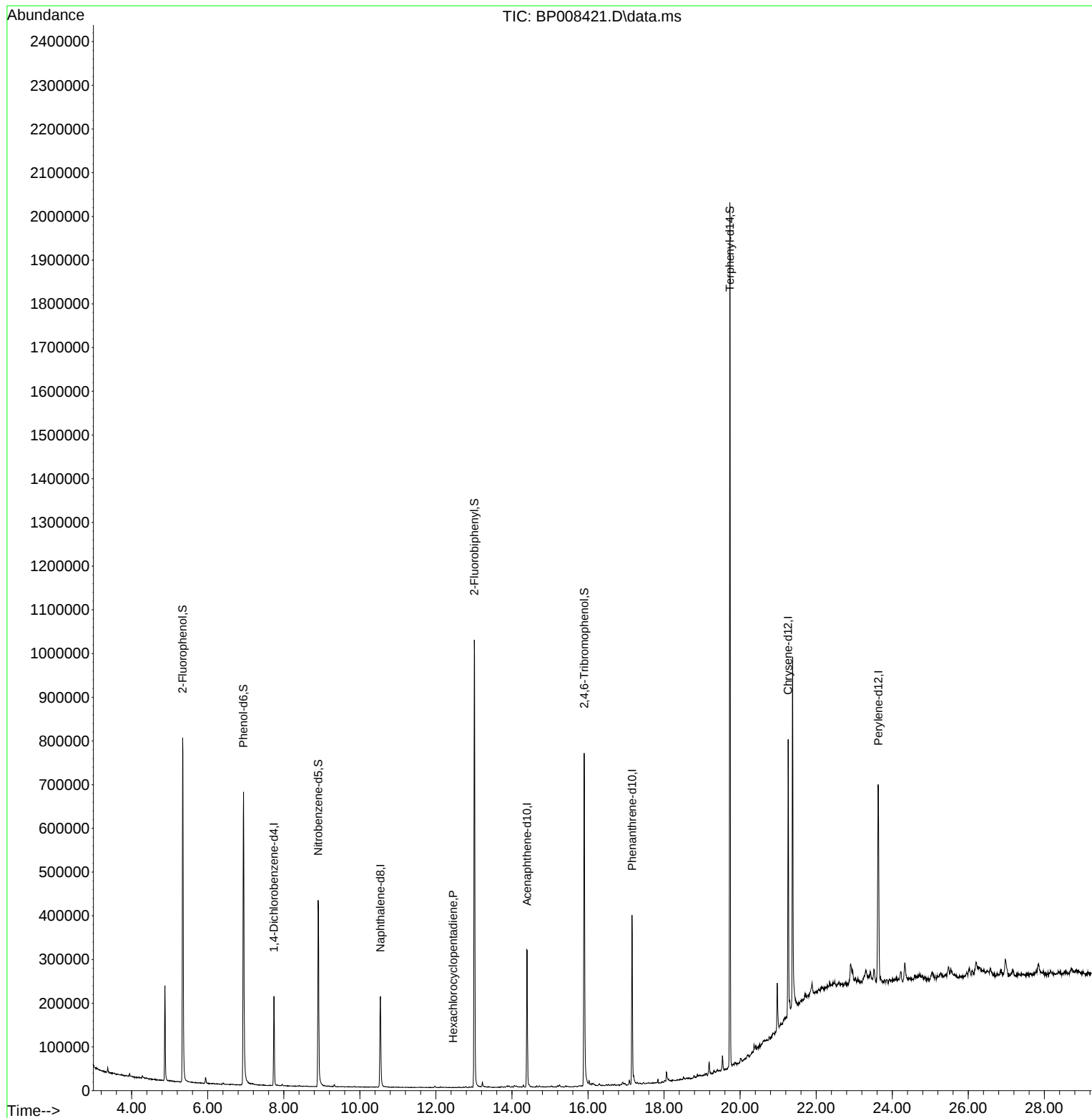
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	50661	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	179504	20.000	ng	# 0.00
39) Acenaphthene-d10	14.398	164	116219	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	242098	20.000	ng	0.00
76) Chrysene-d12	21.263	240	296350	20.000	ng	0.00
86) Perylene-d12	23.633	264	355887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	333165	103.856	ng	0.00
7) Phenol-d6	6.940	99	411918	95.607	ng	0.00
23) Nitrobenzene-d5	8.905	82	278563	65.744	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	167997	98.363	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	549648	60.120	ng	0.00
79) Terphenyl-d14	19.733	244	927441	54.466	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.234	88	78	Below Cal	#	1
9) Benzaldehyde	6.881	77	84	Below Cal	#	19
41) Hexachlorocyclopentadiene	12.451	237	11	8.660 ng		75

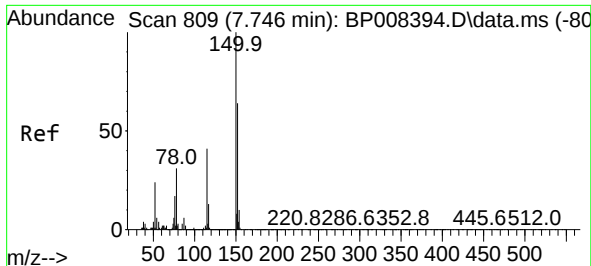
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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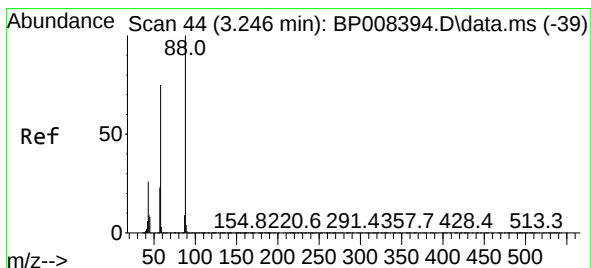
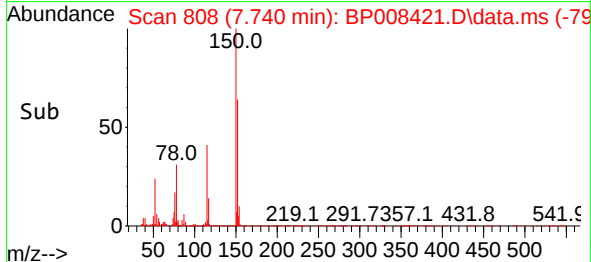
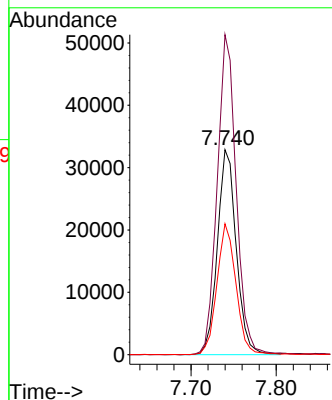
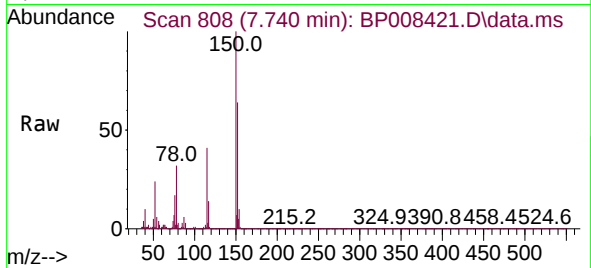




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008421.D
 Acq: 15 Dec 2021 17:30

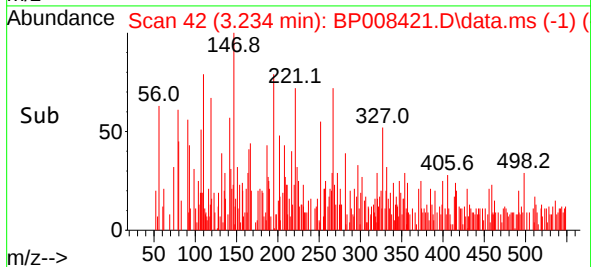
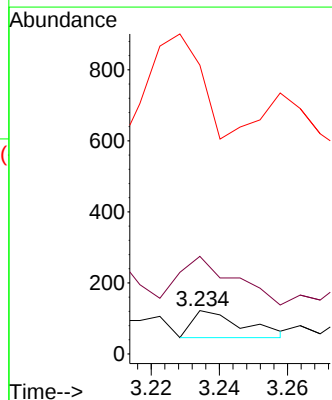
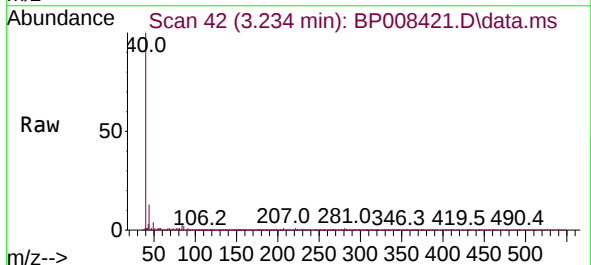
Instrument :
 BNA_P
 ClientSampleId :
 TP2

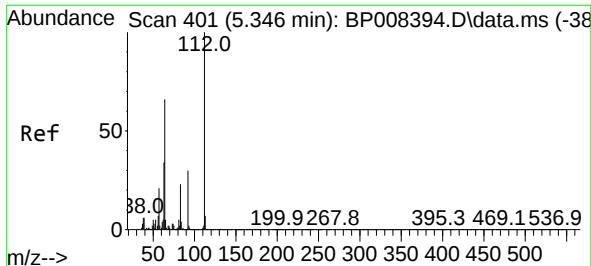
Tgt Ion:152 Resp: 50661
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.7 188.5
 115 63.9 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.234 min Scan# 42
 Delta R.T. -0.012 min
 Lab File: BP008421.D
 Acq: 15 Dec 2021 17:30

Tgt Ion: 88 Resp: 78
 Ion Ratio Lower Upper
 88 100
 58 193.6 63.5 95.3#
 43 459.0 23.4 35.2#

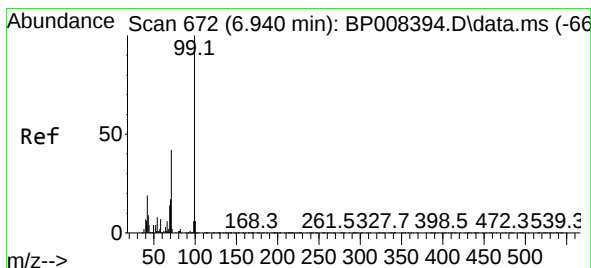
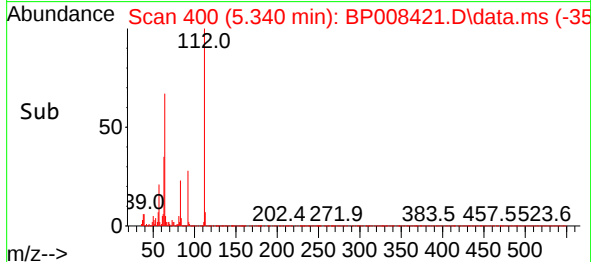
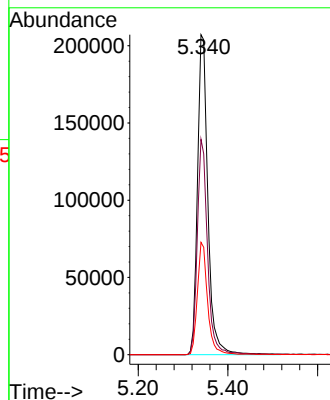
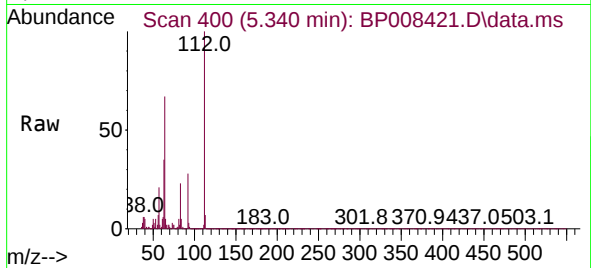




#5
2-Fluorophenol
Concen: 103.856 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

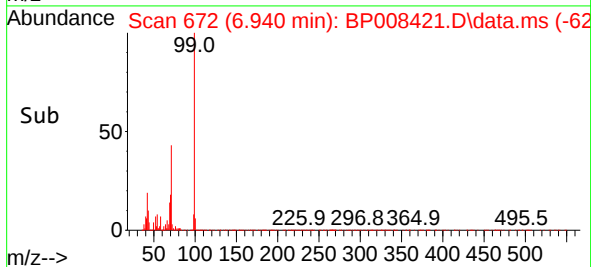
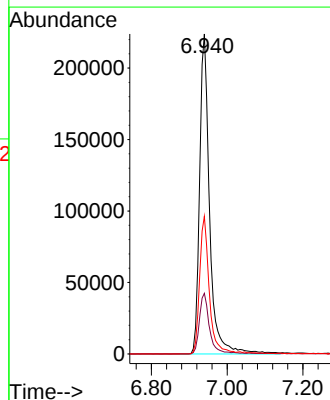
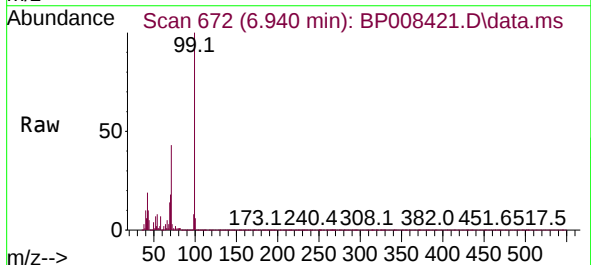
Instrument :
BNA_P
ClientSampleId :
TP2

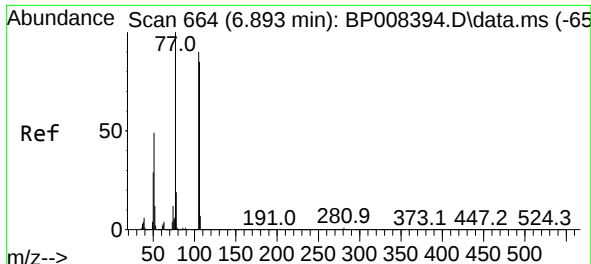
Tgt Ion:112 Resp: 333165
Ion Ratio Lower Upper
112 100
64 67.3 53.4 80.2
63 35.1 27.8 41.8



#7
Phenol-d6
Concen: 95.607 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

Tgt Ion: 99 Resp: 411918
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 43.0 31.1 46.7

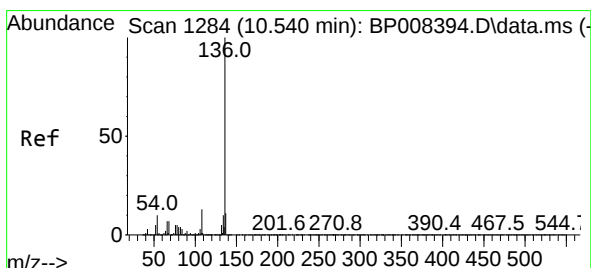
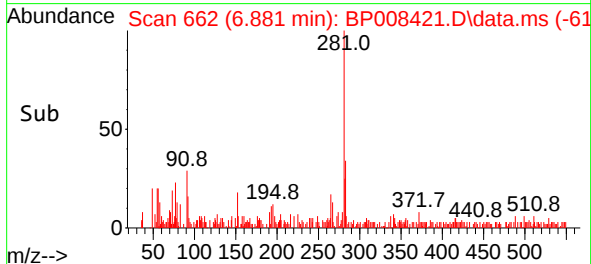
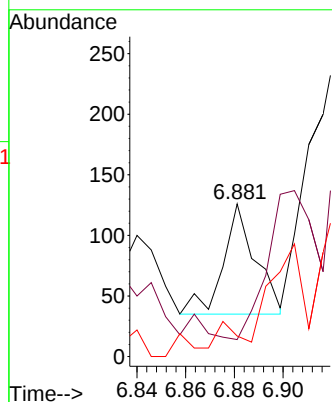
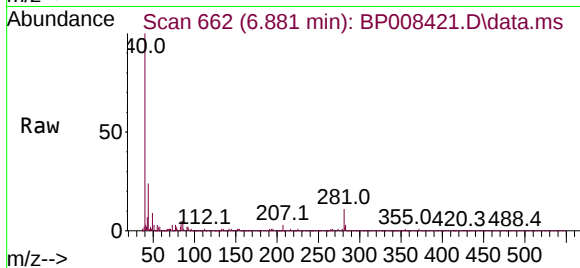




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

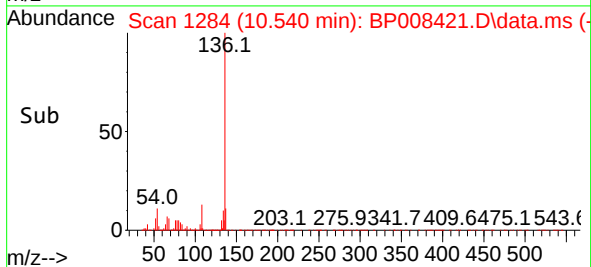
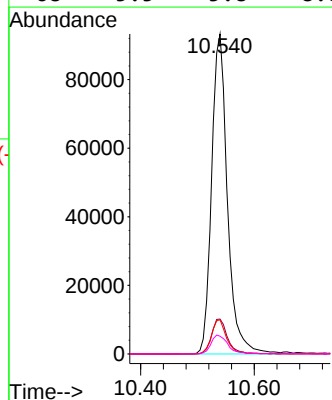
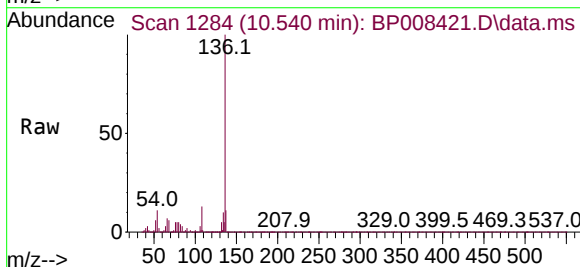
Instrument :
BNA_P
ClientSampleId :
TP2

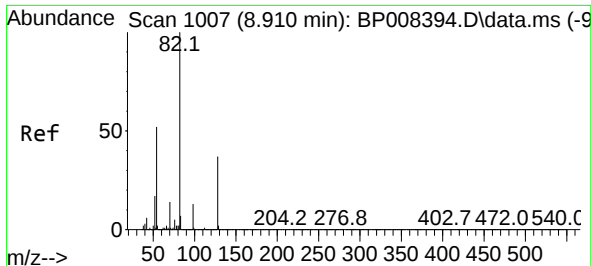
Tgt Ion: 77 Resp: 84
Ion Ratio Lower Upper
77 100
105 11.1 71.8 111.8#
106 16.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

Tgt Ion: 136 Resp: 179504
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.7 8.2 12.4
68 5.5 5.8 8.8#

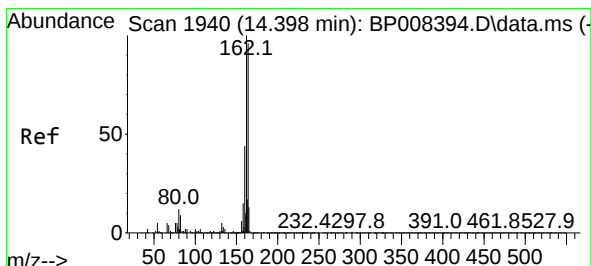
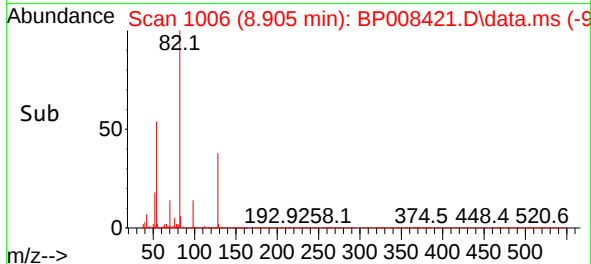
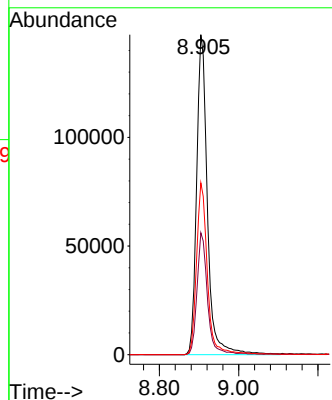
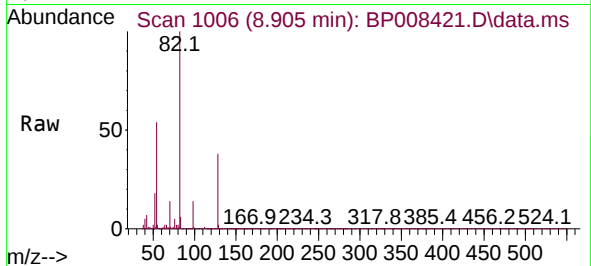




#23
Nitrobenzene-d5
Concen: 65.744 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

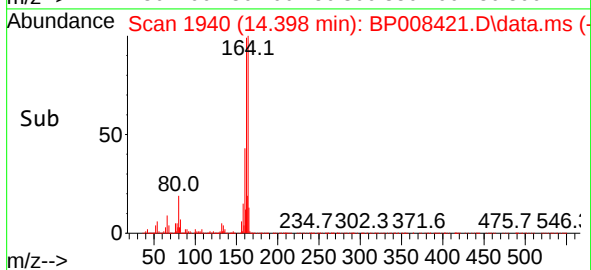
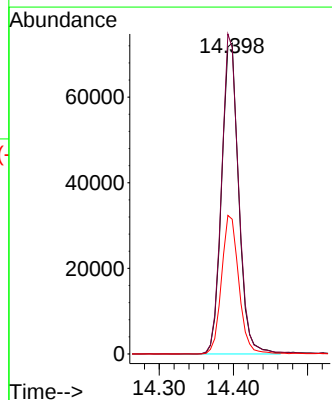
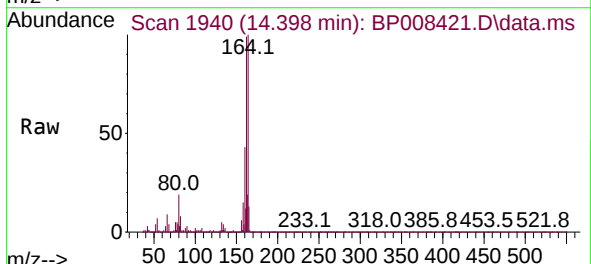
Instrument :
BNA_P
ClientSampleId :
TP2

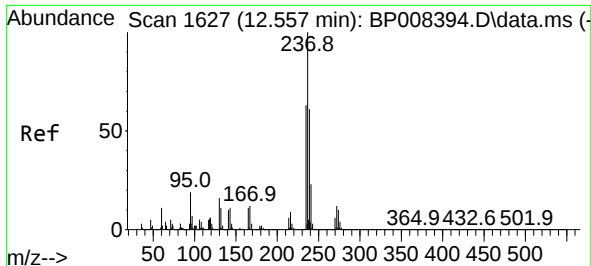
Tgt Ion: 82 Resp: 278563
Ion Ratio Lower Upper
82 100
128 38.1 29.6 44.4
54 53.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

Tgt Ion:164 Resp: 116219
Ion Ratio Lower Upper
164 100
162 98.5 81.9 122.9
160 43.3 35.4 53.0

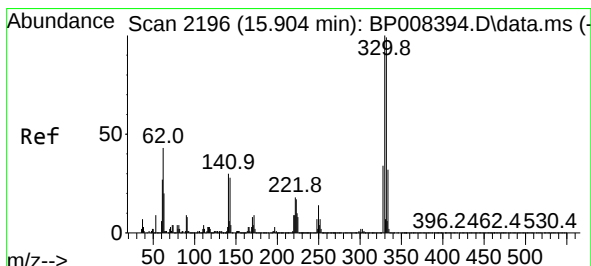
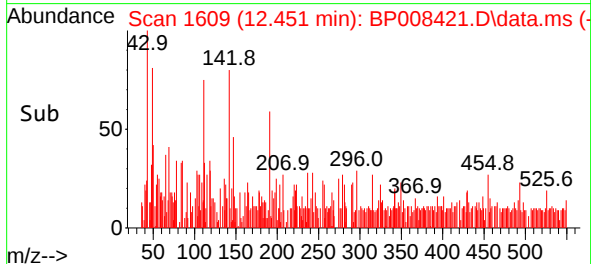
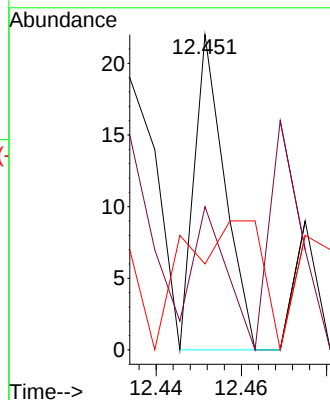
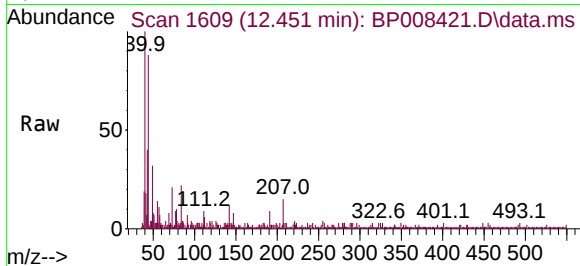




#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.106 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

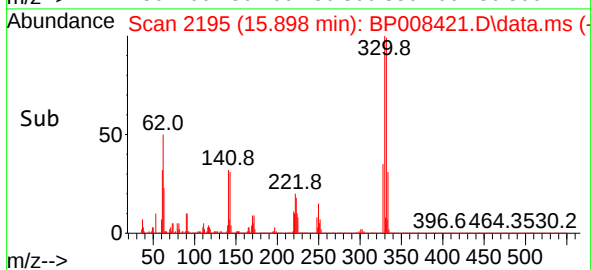
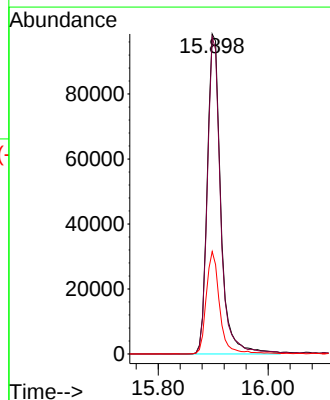
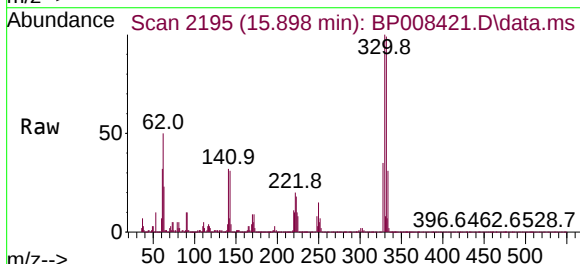
Instrument :
BNA_P
ClientSampleId :
TP2

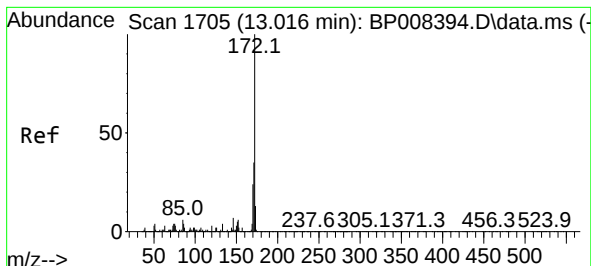
Tgt Ion:237	Resp:	11
Ion Ratio	Lower	Upper
237	100	
235	45.5	42.3 82.3
272	27.3	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 98.363 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

Tgt Ion:330	Resp:	167997
Ion Ratio	Lower	Upper
330	100	
332	97.4	77.0 115.4
141	31.8	28.4 42.6





#45

2-Fluorobiphenyl

Concen: 60.120 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008421.D

Acq: 15 Dec 2021 17:30

Instrument :

BNA_P

ClientSampleId :

TP2

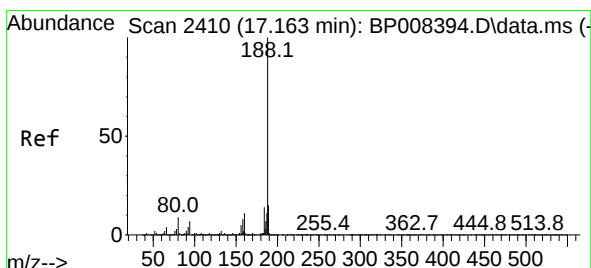
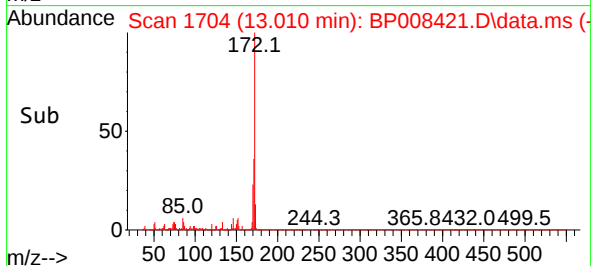
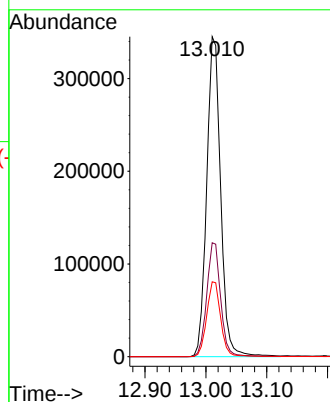
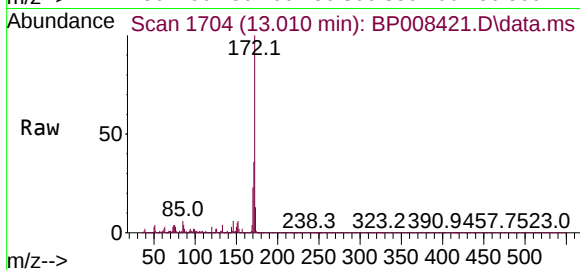
Tgt Ion:172 Resp: 549648

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.4 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: BP008421.D

Acq: 15 Dec 2021 17:30

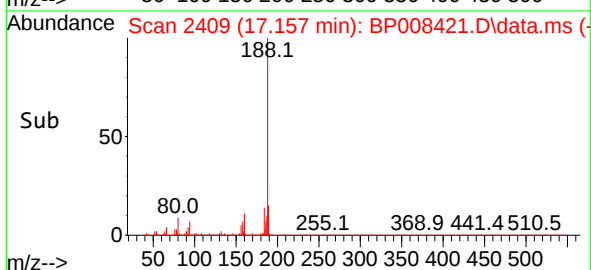
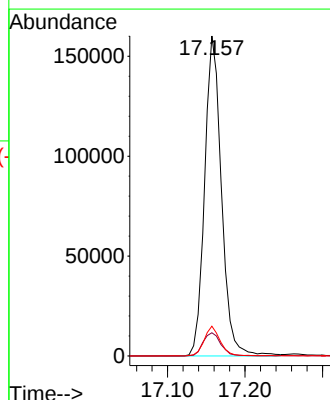
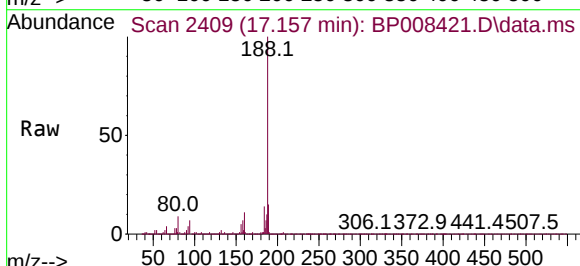
Tgt Ion:188 Resp: 242098

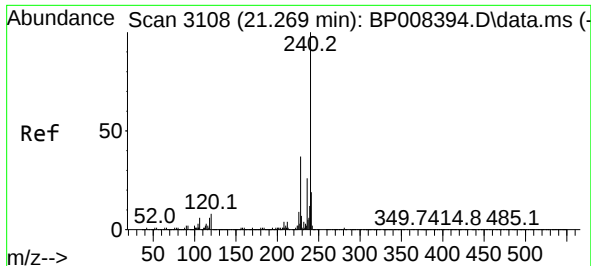
Ion Ratio Lower Upper

188 100

94 7.3 7.2 10.8

80 9.3 8.2 12.4

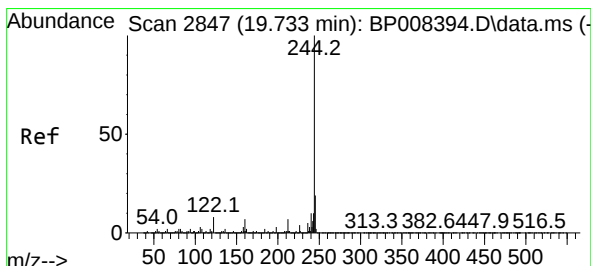
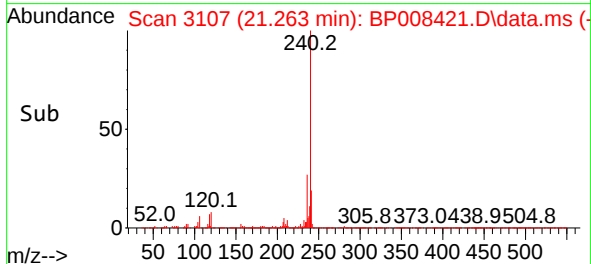
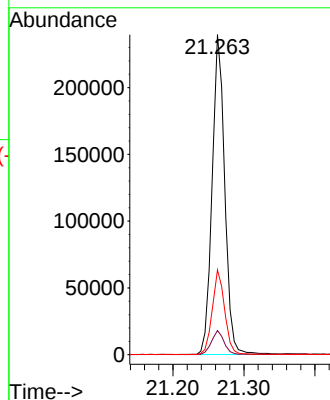
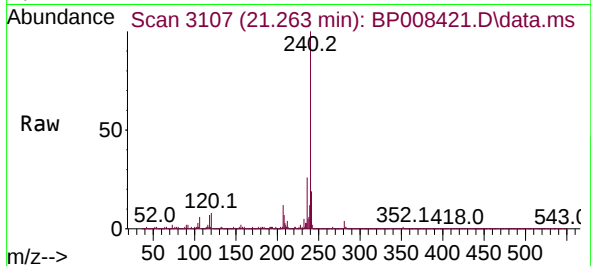




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

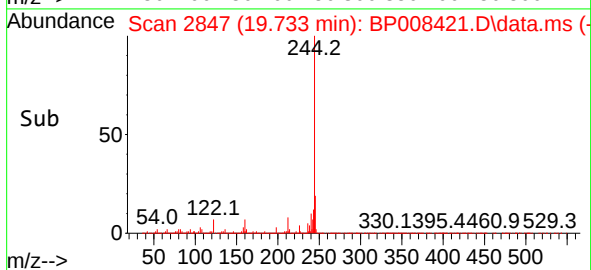
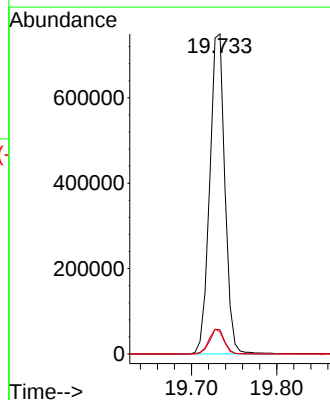
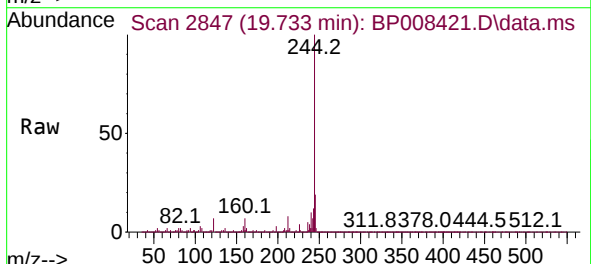
Instrument :
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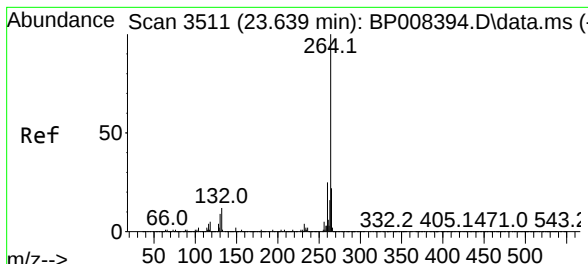
Tgt Ion:240 Resp: 296350
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 26.5 21.4 32.2



#79
Terphenyl-d14
Concen: 54.466 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008421.D
Acq: 15 Dec 2021 17:30

Tgt Ion:244 Resp: 927441
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 6.9 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: BP008421.D
 Acq: 15 Dec 2021 17:30

Instrument :
 BNA_P
 ClientSampleId :
 TP2

Tgt Ion:264 Resp: 355887

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.3	17.6	26.4

