

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008403.D
 Acq On : 14 Dec 2021 20:47
 Operator : CG/JU
 Sample : M5017-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP3

Quant Time: Dec 15 02:00:17 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)

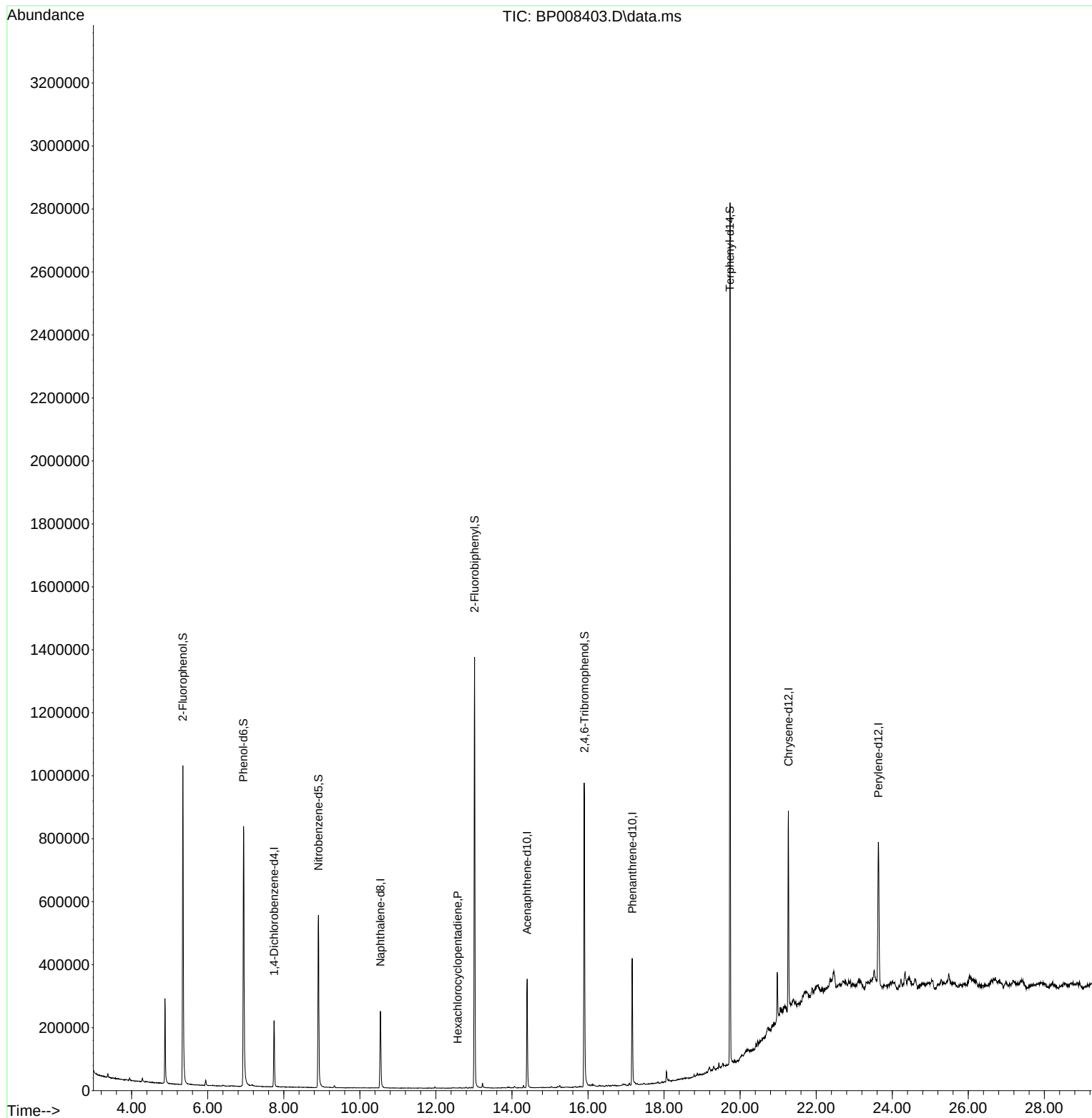
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	57280	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	206320	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	123232	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	259413	20.000	ng	# 0.00
76) Chrysene-d12	21.269	240	328008	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	386315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	431325	118.918	ng	0.00
7) Phenol-d6	6.940	99	518219	106.380	ng	0.00
23) Nitrobenzene-d5	8.911	82	346627	71.175	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	207650	114.661	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	686828	70.850	ng	0.00
79) Terphenyl-d14	19.733	244	1209059	64.152	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.258	88	174	Below Cal	#	43
9) Benzaldehyde	6.881	77	73	Below Cal	#	47
41) Hexachlorocyclopentadiene	12.569	237	33	8.675 ng		91

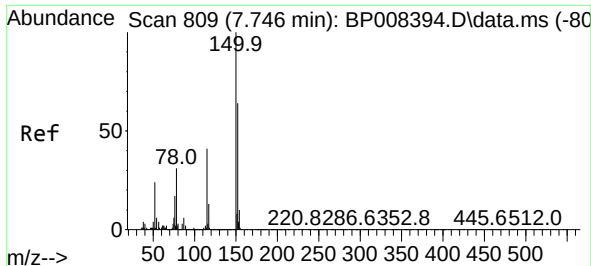
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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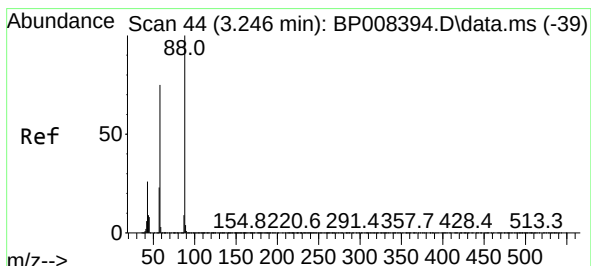
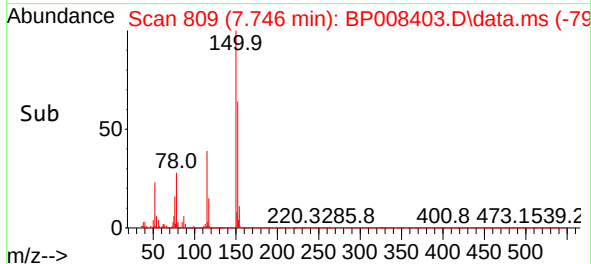
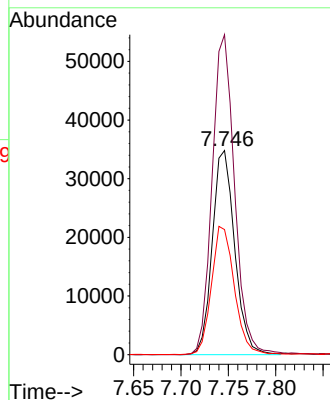
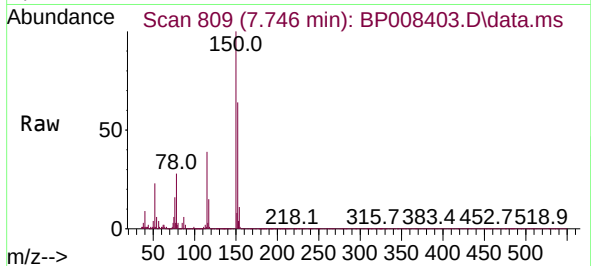




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 809
 Delta R.T. -0.000 min
 Lab File: BP008403.D
 Acq: 14 Dec 2021 20:47

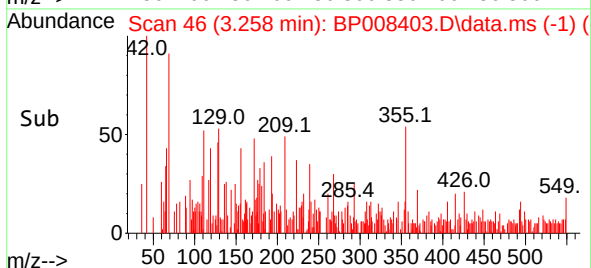
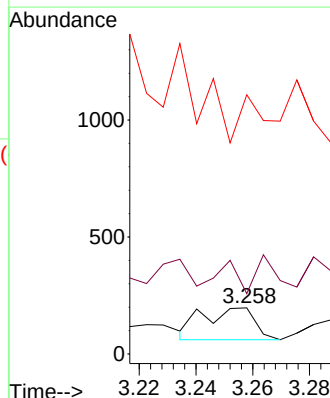
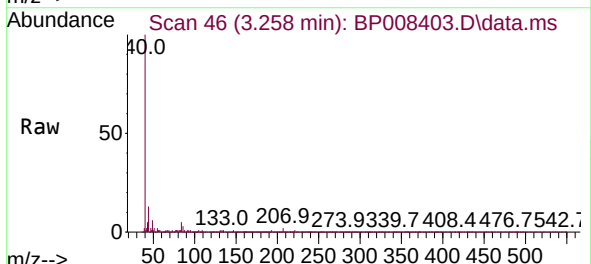
Instrument :
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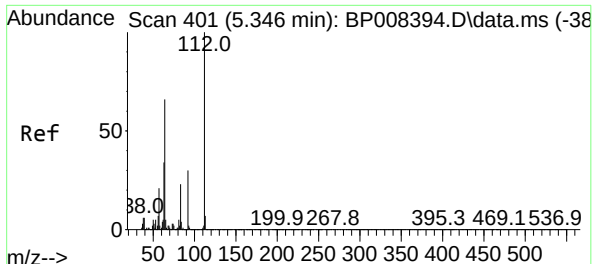
Tgt Ion:152 Resp: 57280
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.7 188.5
 115 61.3 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.258 min Scan# 46
 Delta R.T. 0.012 min
 Lab File: BP008403.D
 Acq: 14 Dec 2021 20:47

Tgt Ion: 88 Resp: 174
 Ion Ratio Lower Upper
 88 100
 58 28.7 63.5 95.3#
 43 0.0 23.4 35.2#

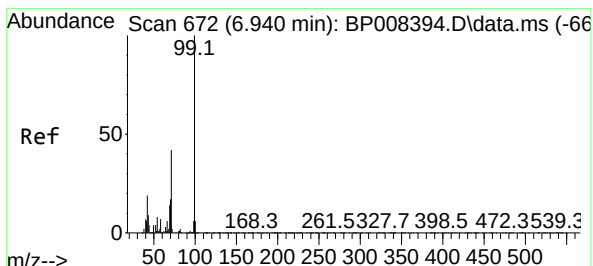
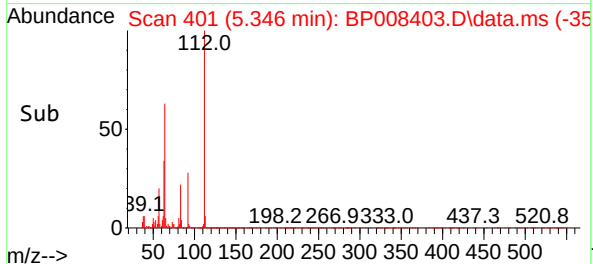
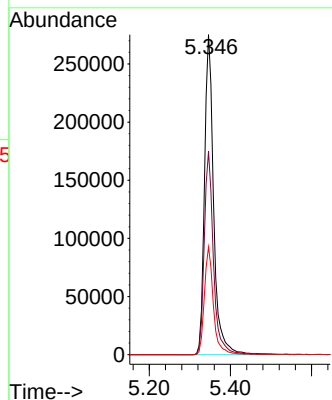
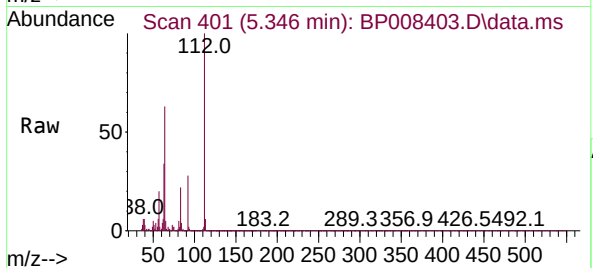




#5
2-Fluorophenol
Concen: 118.918 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

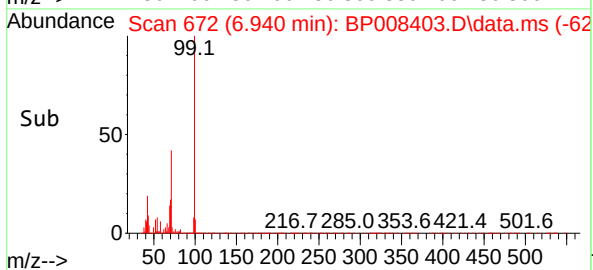
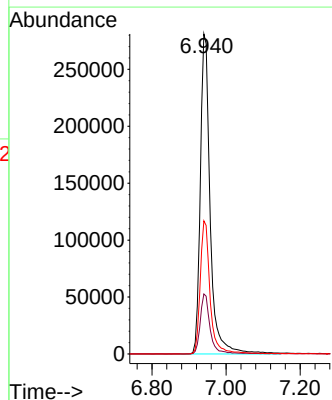
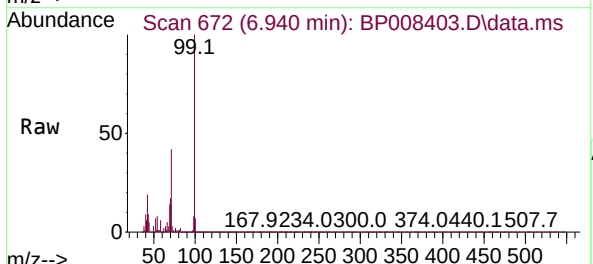
Instrument :
BNA_P
ClientSampleId :
TP3

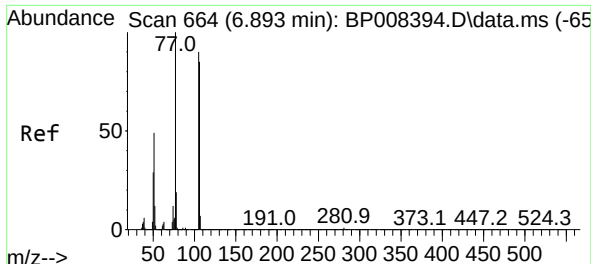
Tgt Ion:112 Resp: 431325
Ion Ratio Lower Upper
112 100
64 63.5 53.4 80.2
63 33.6 27.8 41.8



#7
Phenol-d6
Concen: 106.380 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

Tgt Ion: 99 Resp: 518219
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 41.6 31.1 46.7

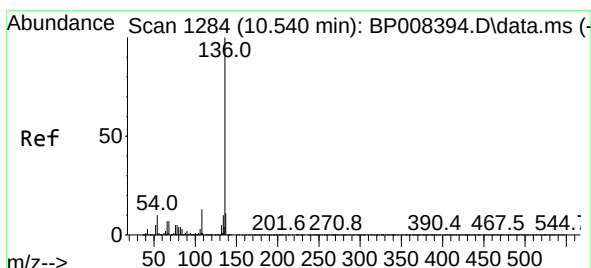
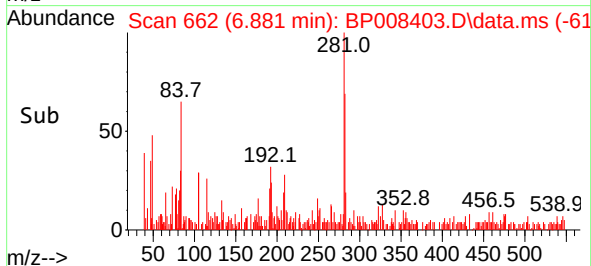
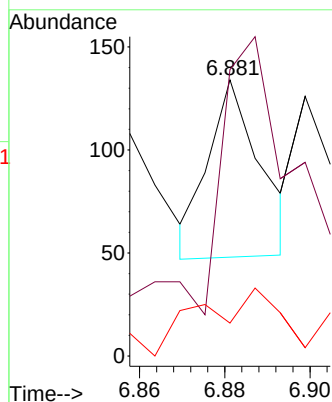
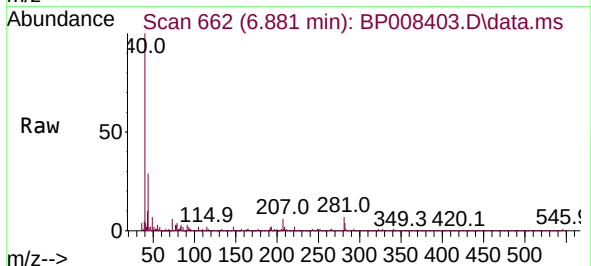




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

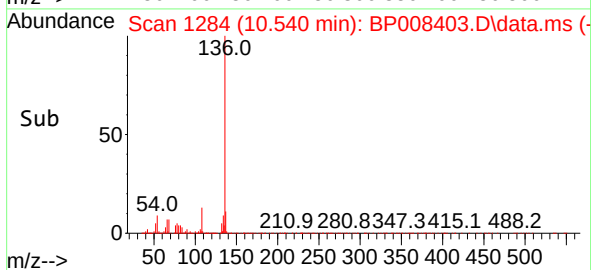
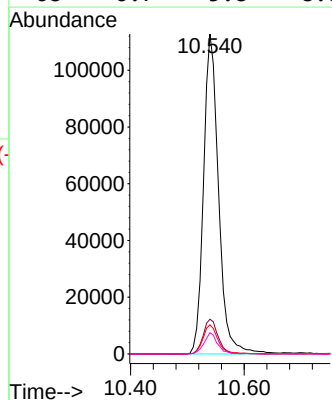
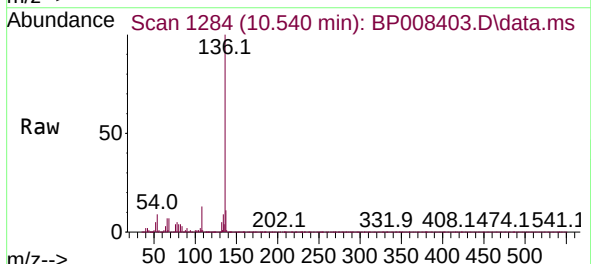
Instrument :
BNA_P
ClientSampleId :
TP3

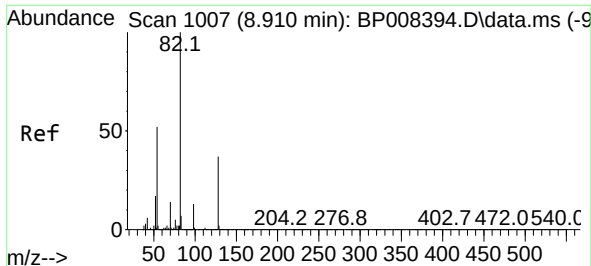
Tgt Ion: 77 Resp: 73
Ion Ratio Lower Upper
77 100
105 115.7 71.8 111.8#
106 11.9 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

Tgt Ion: 136 Resp: 206320
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.1 8.2 12.4
68 6.7 5.8 8.8

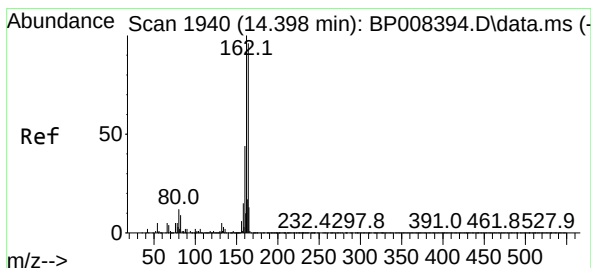
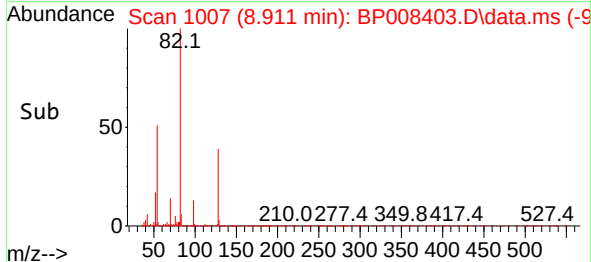
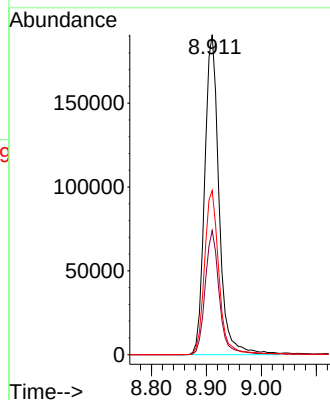
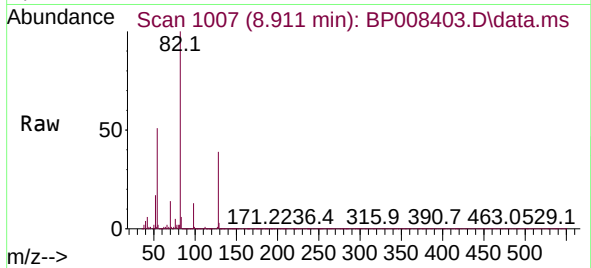




#23
Nitrobenzene-d5
Concen: 71.175 ng
RT: 8.911 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

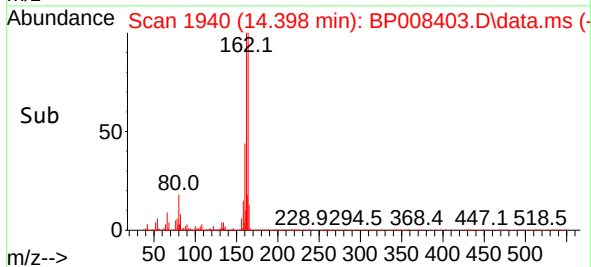
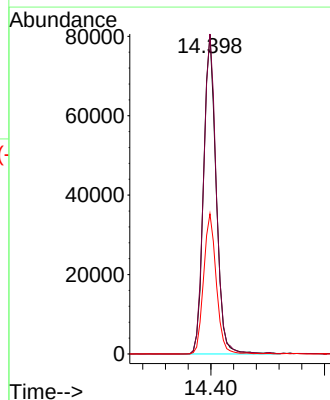
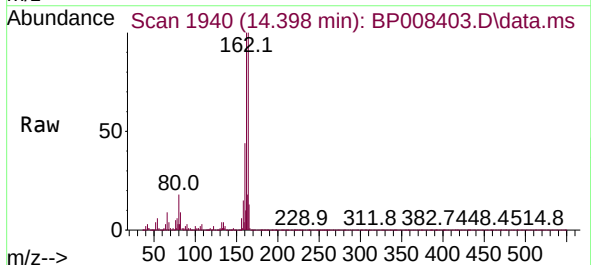
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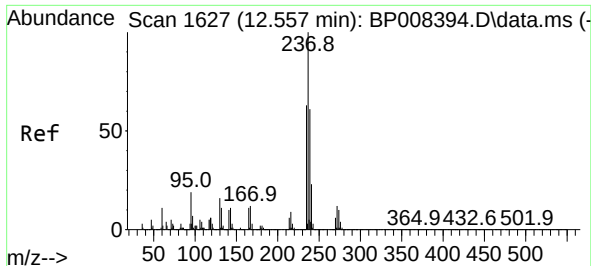
Tgt Ion: 82 Resp: 346627
Ion Ratio Lower Upper
82 100
128 38.8 29.6 44.4
54 51.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

Tgt Ion: 164 Resp: 123232
Ion Ratio Lower Upper
164 100
162 100.2 81.9 122.9
160 43.9 35.4 53.0

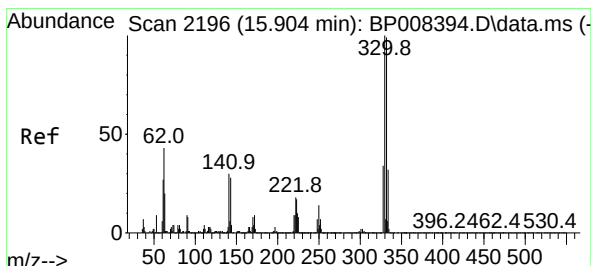
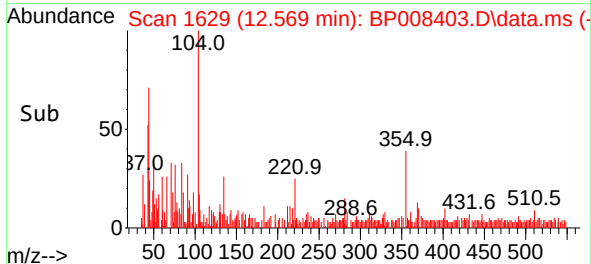
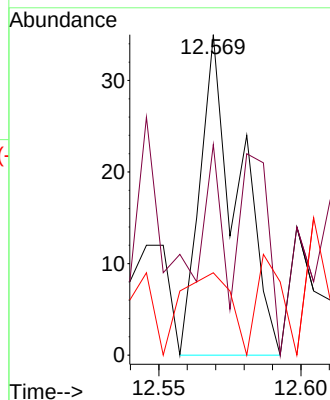
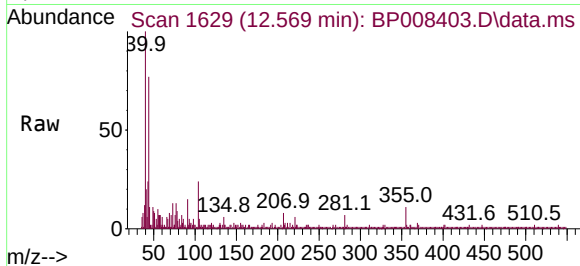




#41
Hexachlorocyclopentadiene
Concen: 8.675 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

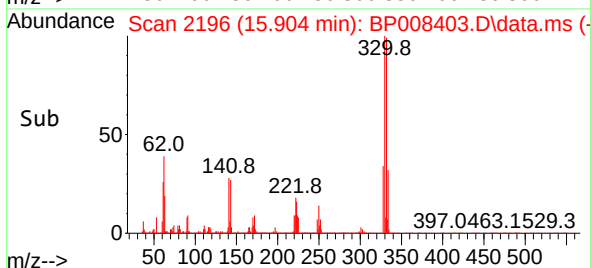
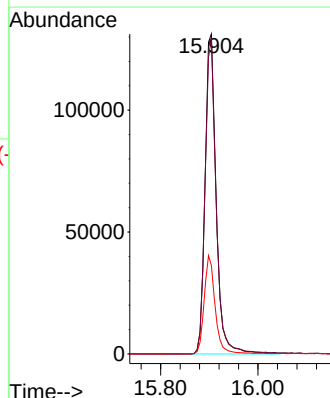
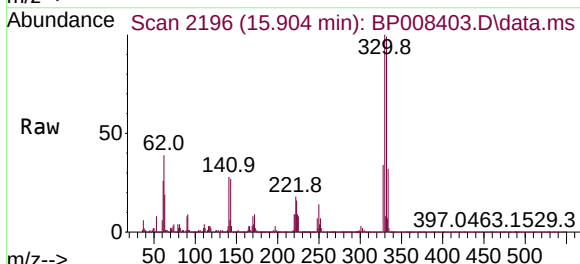
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BNA_P
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TP3

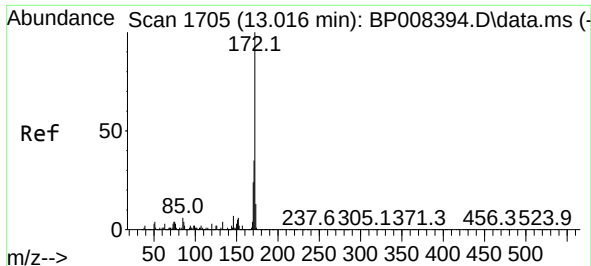
Tgt Ion:	237	Resp:	33
Ion	Ratio	Lower	Upper
237	100		
235	65.7	42.3	82.3
272	25.7	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 114.661 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

Tgt Ion:	330	Resp:	207650
Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.4
141	30.5	28.4	42.6

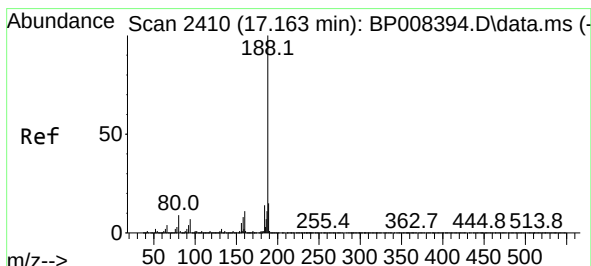
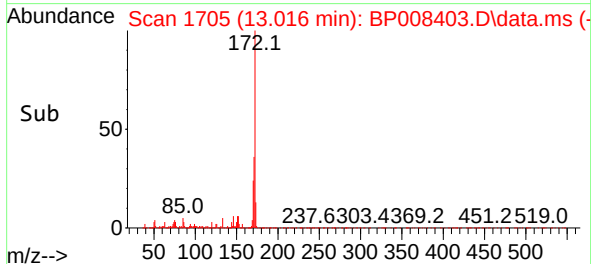
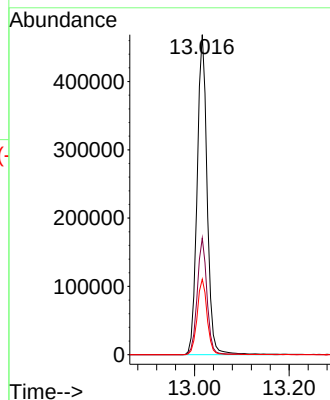
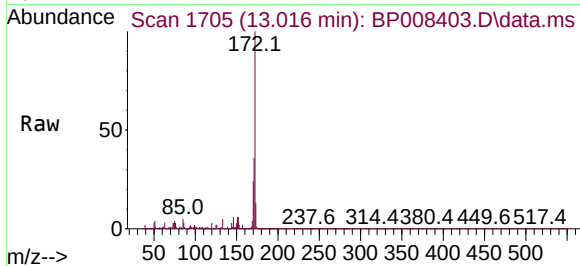




#45
2-Fluorobiphenyl
Concen: 70.850 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

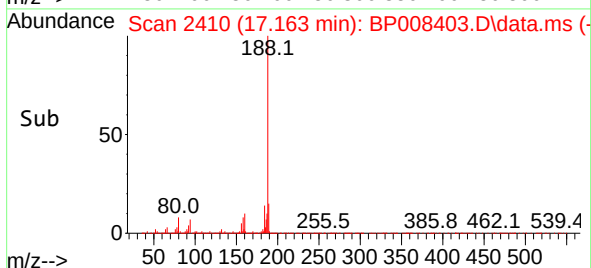
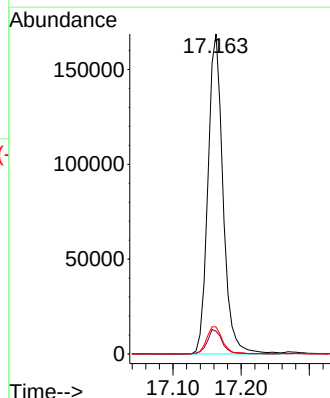
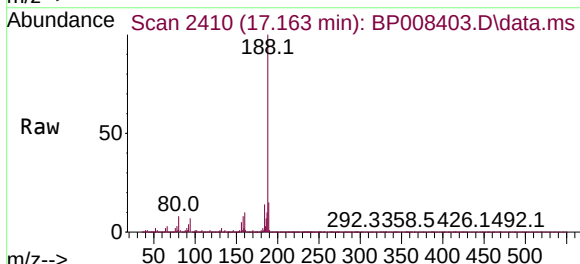
Instrument :
BNA_P
ClientSampleId :
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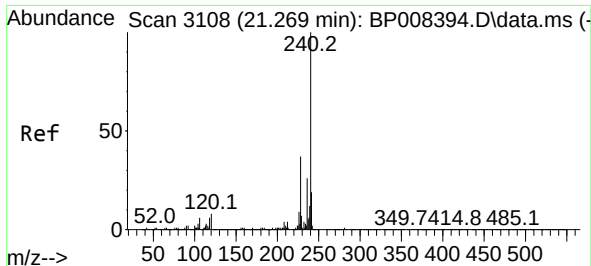
Tgt Ion:172 Resp: 686828
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

Tgt Ion:188 Resp: 259413
Ion Ratio Lower Upper
188 100
94 7.1 7.2 10.8#
80 8.4 8.2 12.4

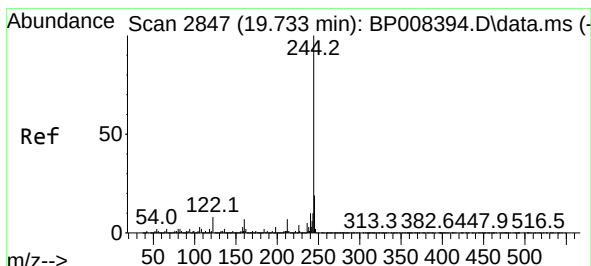
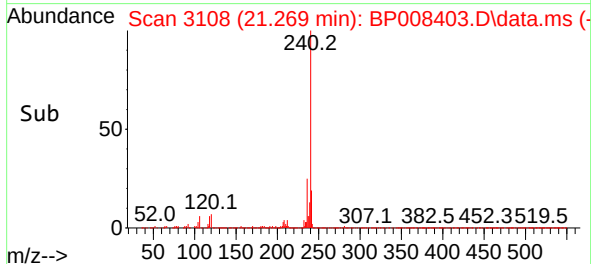
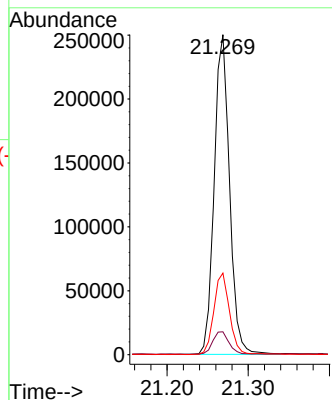
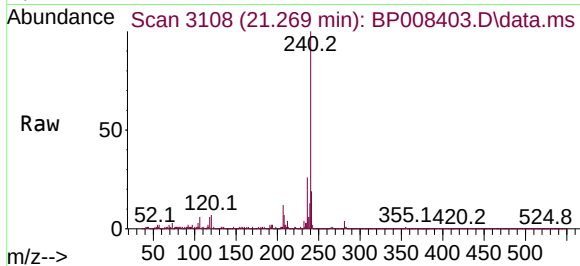




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

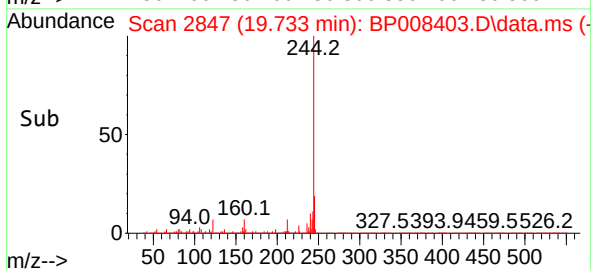
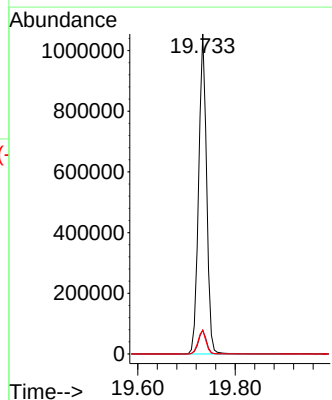
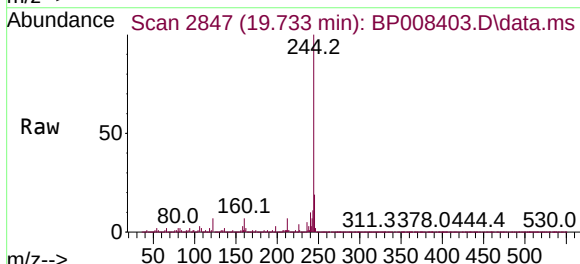
Instrument :
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TP3

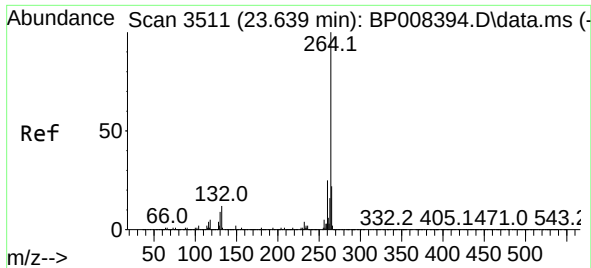
Tgt Ion:240 Resp: 328008
Ion Ratio Lower Upper
240 100
120 7.1 7.3 10.9#
236 25.5 21.4 32.2



#79
Terphenyl-d14
Concen: 64.152 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008403.D
Acq: 14 Dec 2021 20:47

Tgt Ion:244 Resp: 1209059
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.4 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: BP008403.D
Acq: 14 Dec 2021 20:47

Instrument :
BNA_P
ClientSampleId :
TP3

Tgt Ion:264 Resp: 386315

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.9	17.6	26.4

