

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008405.D
 Acq On : 14 Dec 2021 21:55
 Operator : CG/JU
 Sample : M5076-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-20-G

Quant Time: Dec 15 02:00:44 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)

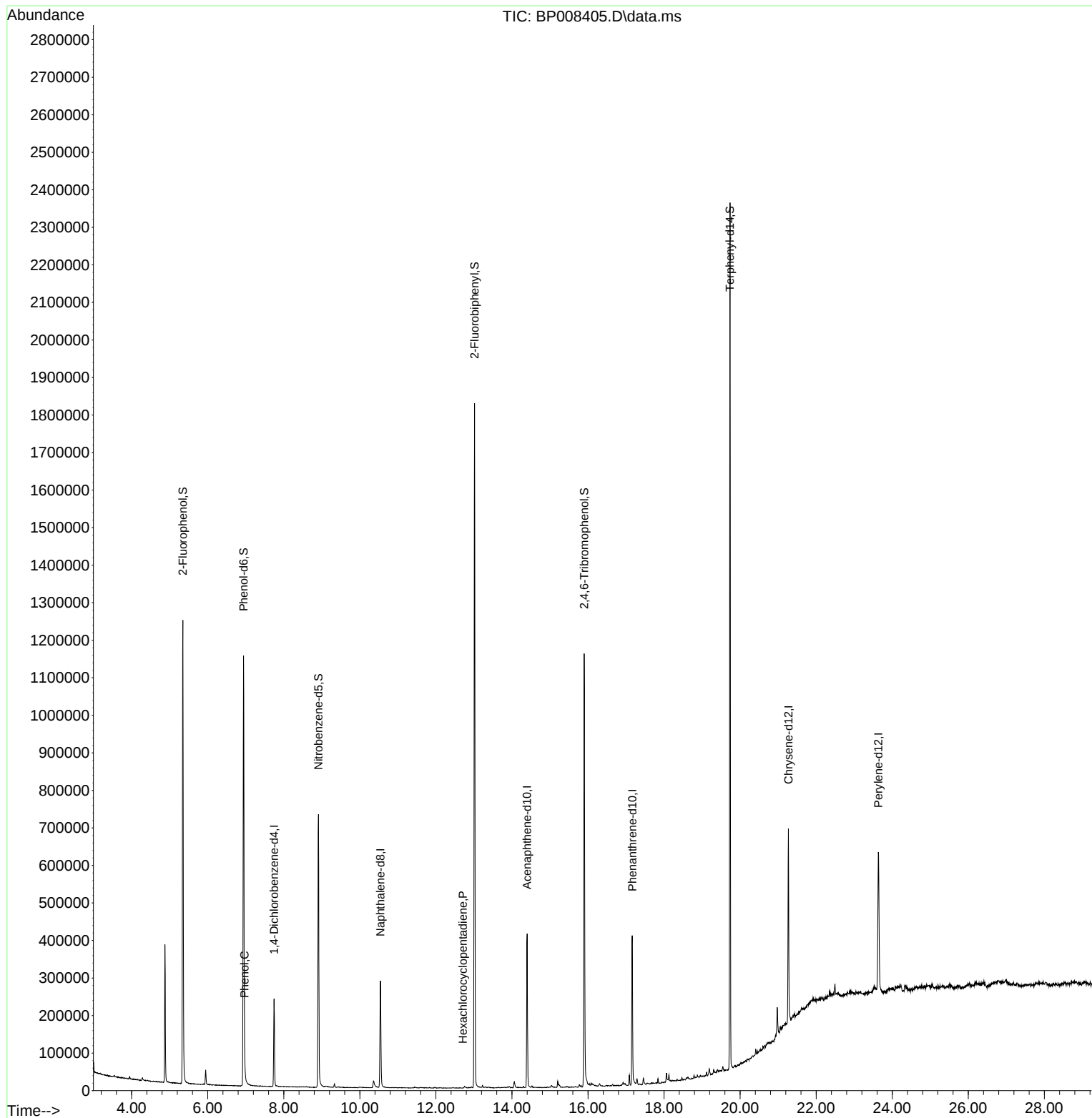
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	62273	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	233547	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	145605	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	262441	20.000	ng	# 0.00
76) Chrysene-d12	21.269	240	261410	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	311750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	501234	127.113	ng	0.00
7) Phenol-d6	6.940	99	652120	123.134	ng	0.00
23) Nitrobenzene-d5	8.911	82	437924	79.438	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	244496	114.262	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	918140	80.158	ng	0.00
79) Terphenyl-d14	19.733	244	1090220	72.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	141	Below Cal	#	1
9) Benzaldehyde	6.881	77	155	Below Cal	#	16
10) Phenol	6.969	94	13723	2.552	ng	# 77
41) Hexachlorocyclopentadiene	12.710	237	8	8.657	ng	74

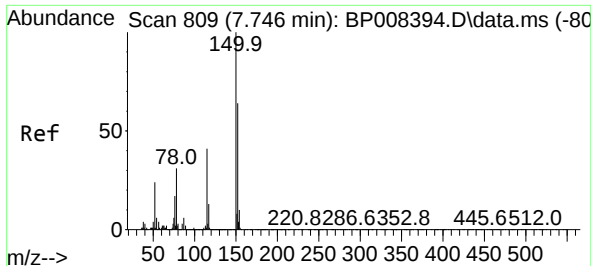
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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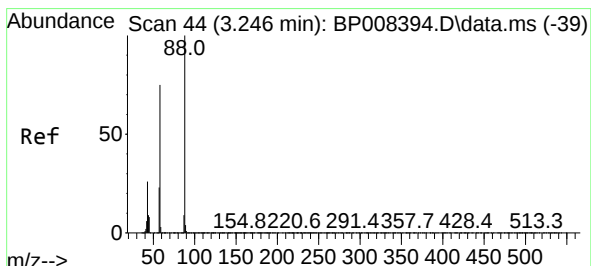
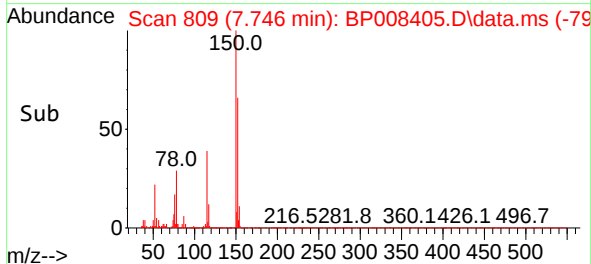
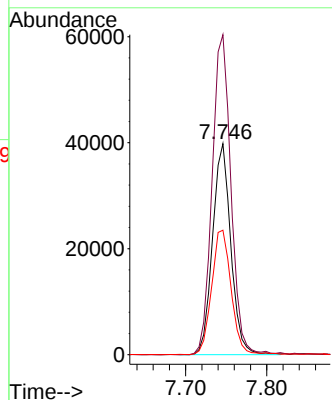
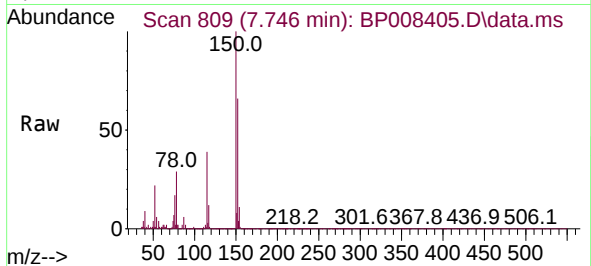




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP008405.D
 Acq: 14 Dec 2021 21:55

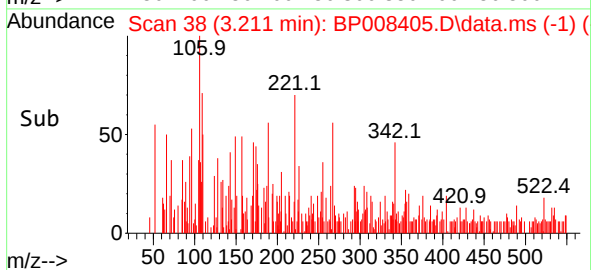
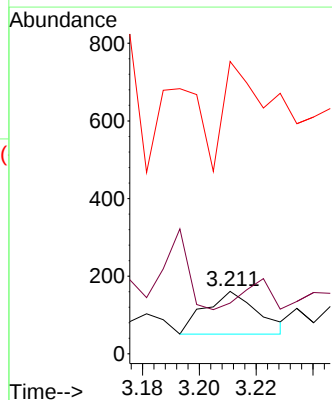
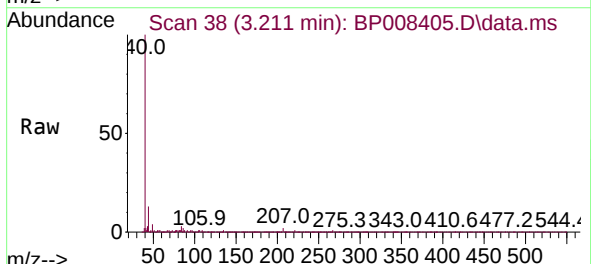
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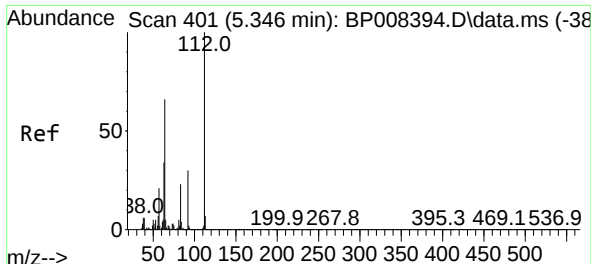
Tgt Ion:152 Resp: 62273
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.7 188.5
 115 59.0 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.211 min Scan# 38
 Delta R.T. -0.035 min
 Lab File: BP008405.D
 Acq: 14 Dec 2021 21:55

Tgt Ion: 88 Resp: 141
 Ion Ratio Lower Upper
 88 100
 58 45.4 63.5 95.3#
 43 249.6 23.4 35.2#

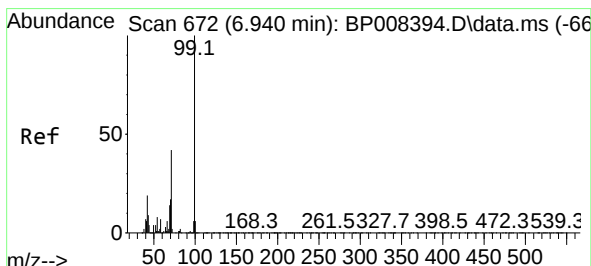
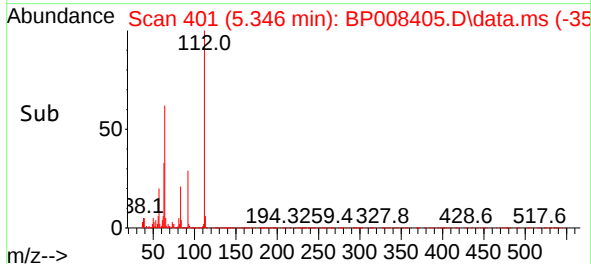
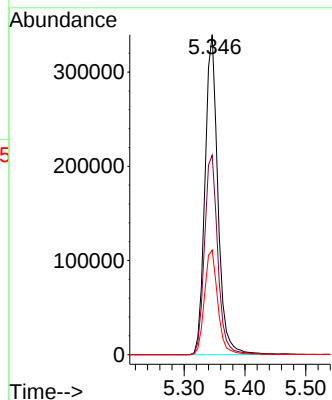
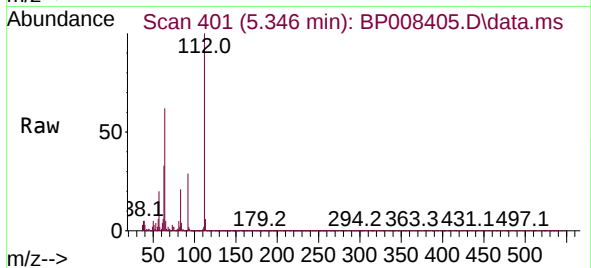




#5
2-Fluorophenol
Concen: 127.113 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

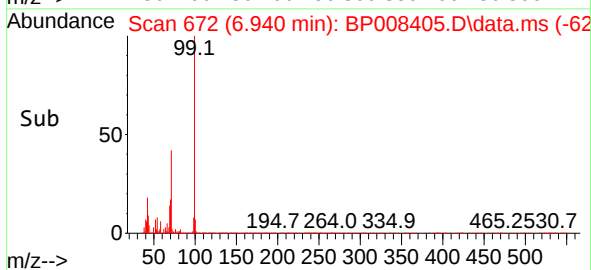
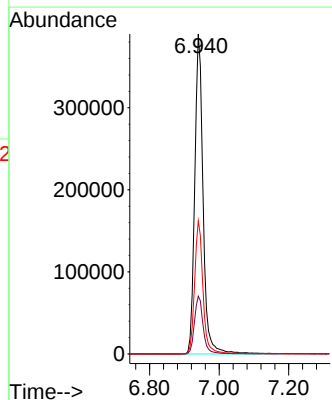
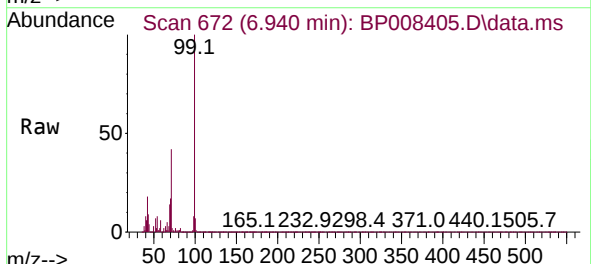
Instrument :
BNA_P
ClientSampleId :
SB-20-G

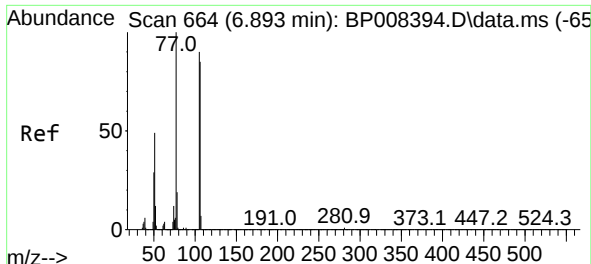
Tgt Ion:112 Resp: 501234
Ion Ratio Lower Upper
112 100
64 62.4 53.4 80.2
63 32.7 27.8 41.8



#7
Phenol-d6
Concen: 123.134 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

Tgt Ion: 99 Resp: 652120
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 41.6 31.1 46.7

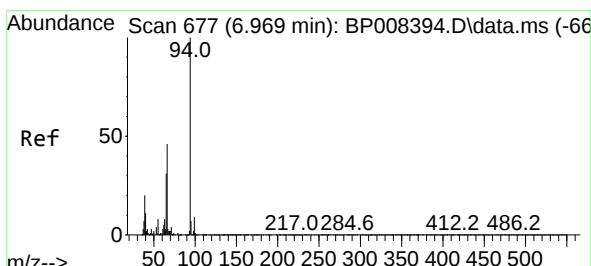
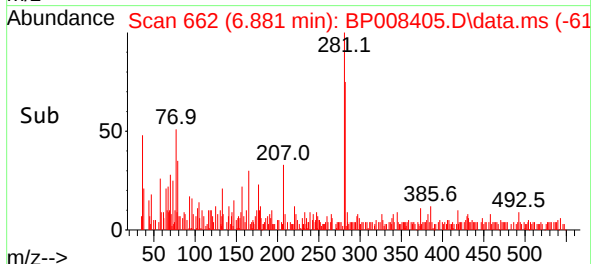
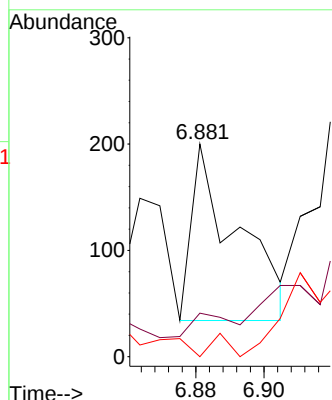
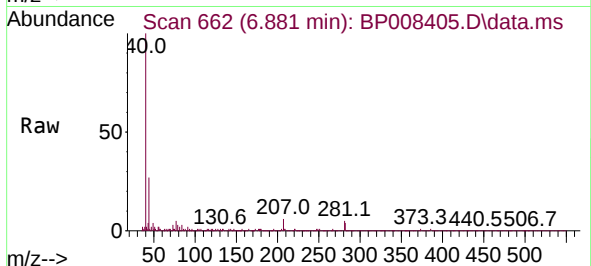




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

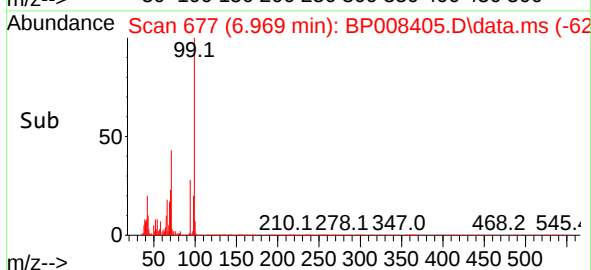
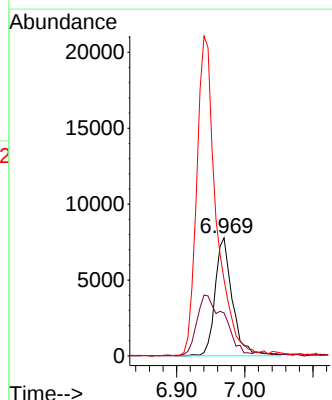
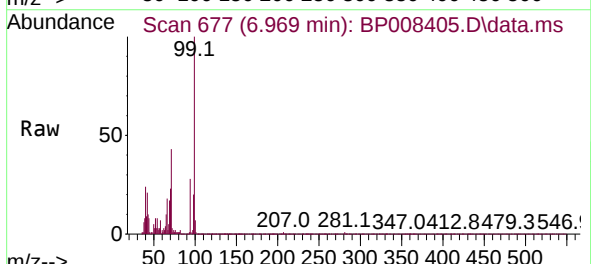
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BNA_P
ClientSampleId :
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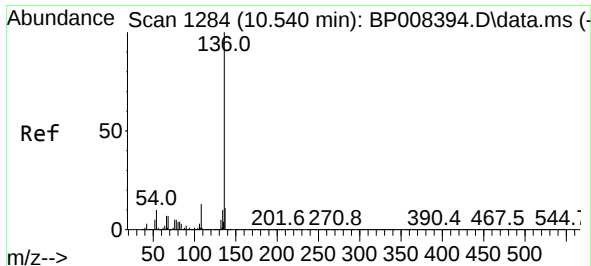
Tgt Ion: 77 Resp: 155
Ion Ratio Lower Upper
77 100
105 20.5 71.8 111.8#
106 0.0 67.3 107.3#



#10
Phenol
Concen: 2.552 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

Tgt Ion: 94 Resp: 13723
Ion Ratio Lower Upper
94 100
65 36.5 10.9 50.9
66 64.7 24.3 64.3#

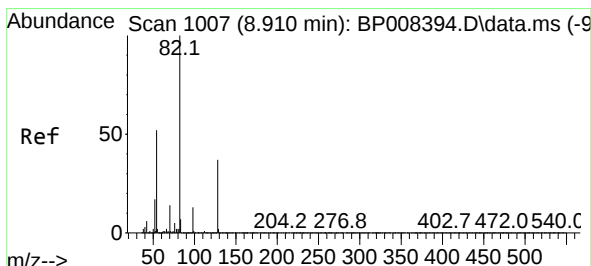
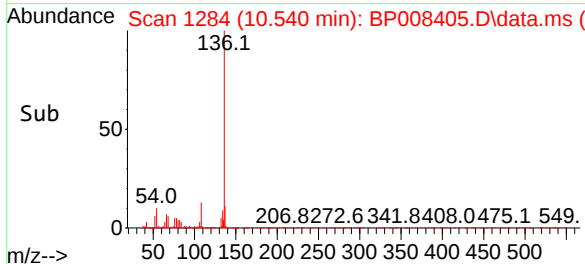
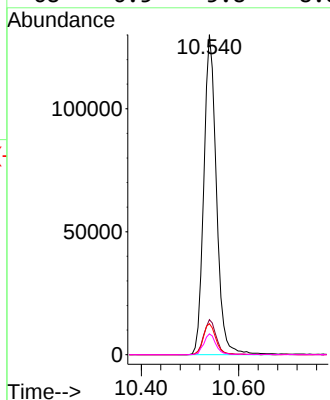
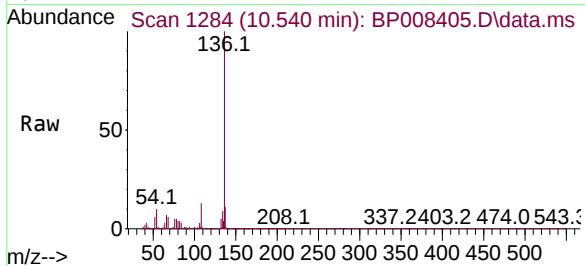




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

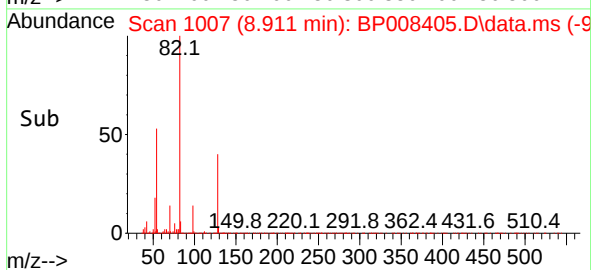
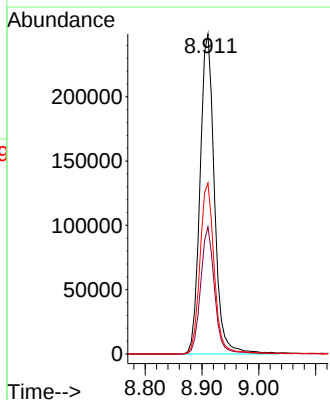
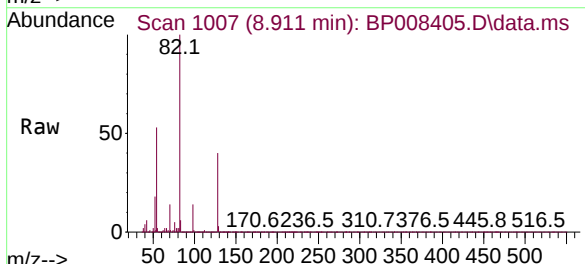
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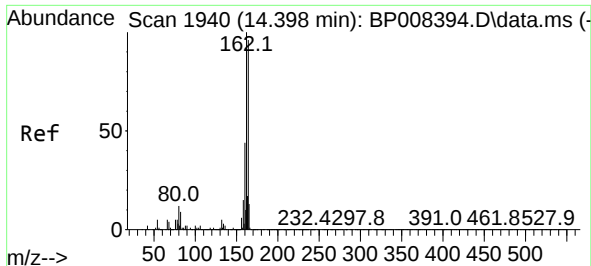
Tgt Ion:	136	Resp:	233547
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	9.7	8.2	12.4
68	6.5	5.8	8.8



#23
Nitrobenzene-d5
Concen: 79.438 ng
RT: 8.911 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

Tgt Ion:	82	Resp:	437924
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.6	44.4
54	53.4	42.7	64.1

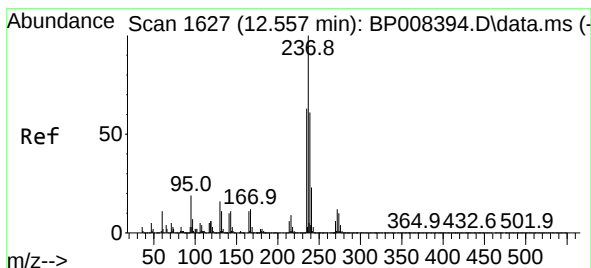
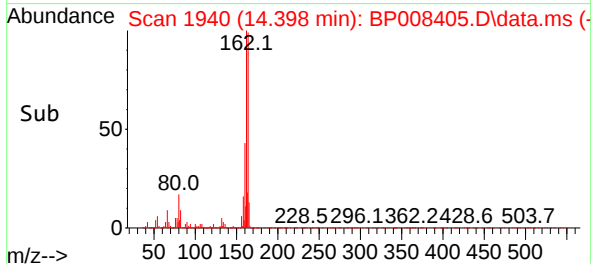
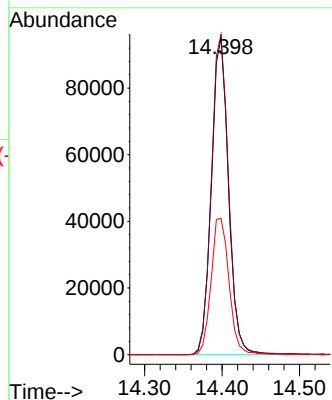
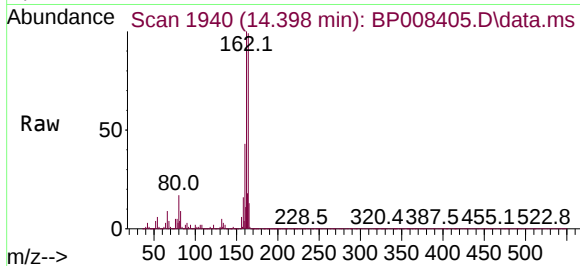




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

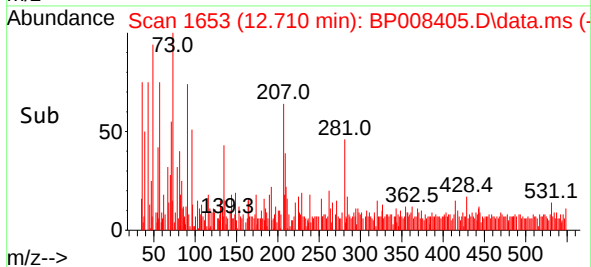
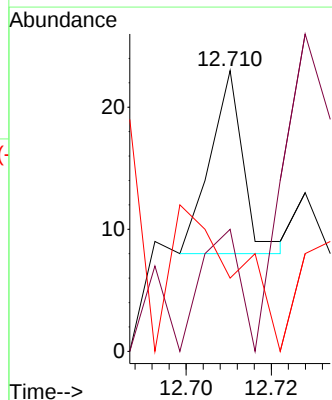
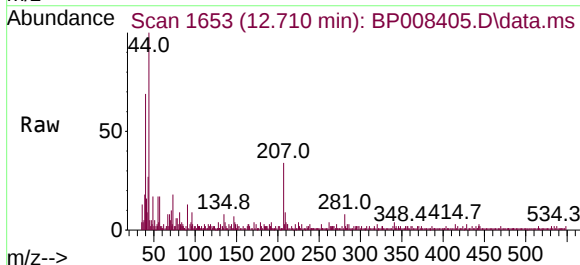
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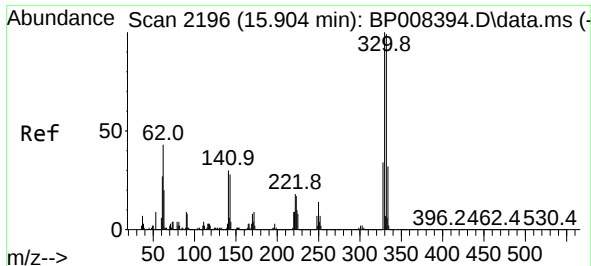
Tgt Ion:	164	Resp:	145605
Ion Ratio	Lower	Upper	
164	100		
162	101.1	81.9	122.9
160	43.1	35.4	53.0



#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.710 min Scan# 1653
Delta R.T. 0.153 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

Tgt Ion:	237	Resp:	8
Ion Ratio	Lower	Upper	
237	100		
235	43.5	42.3	82.3
272	26.1	0.0	32.2

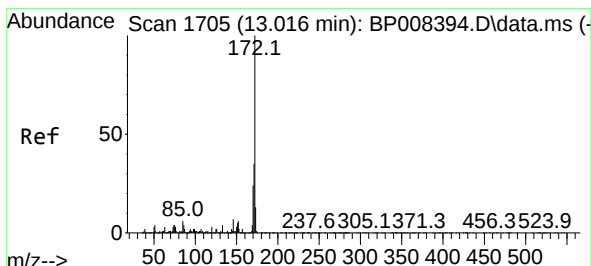
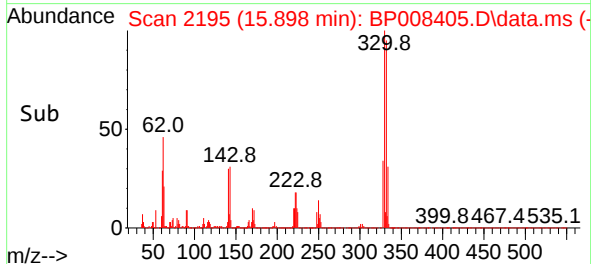
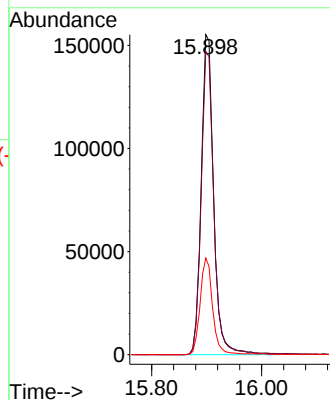
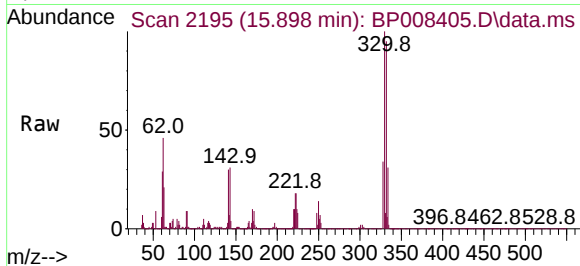




#42
2,4,6-Tribromophenol
Concen: 114.262 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

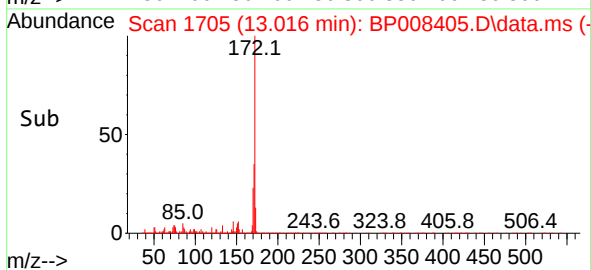
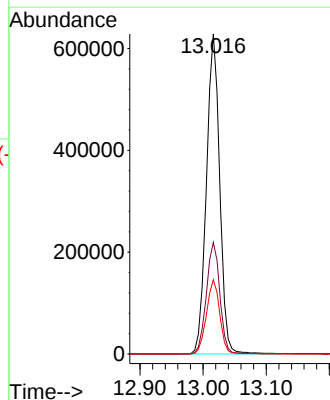
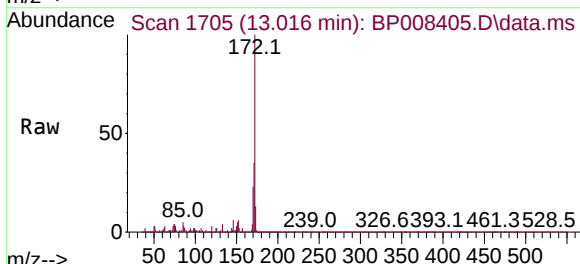
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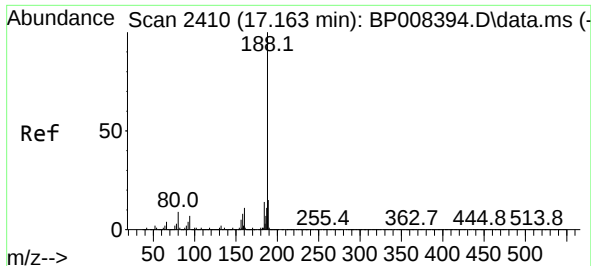
Tgt Ion:330 Resp: 244496
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 30.1 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 80.158 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

Tgt Ion:172 Resp: 918140
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.2 18.9 28.3

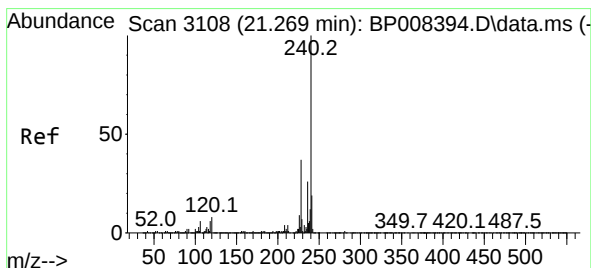
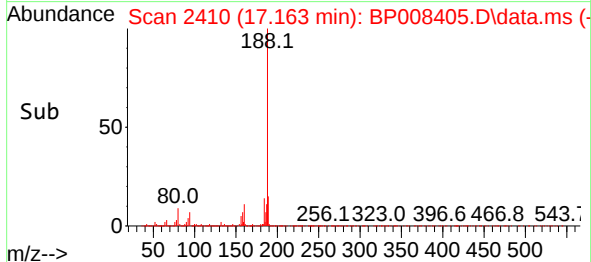
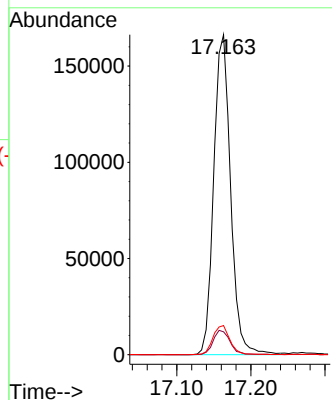
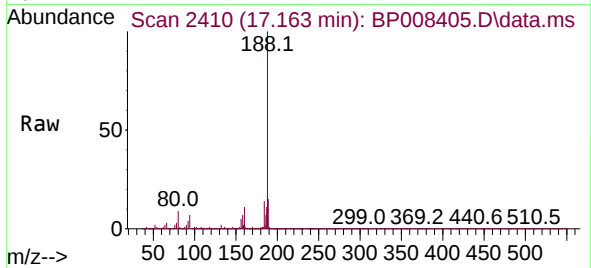




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

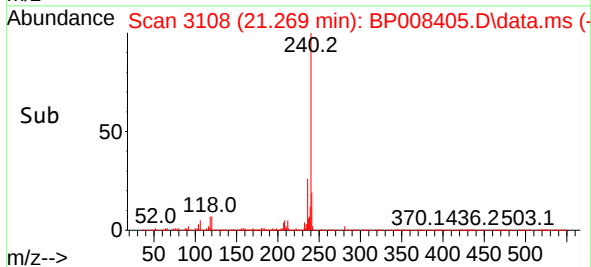
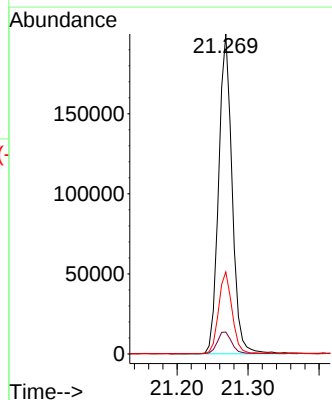
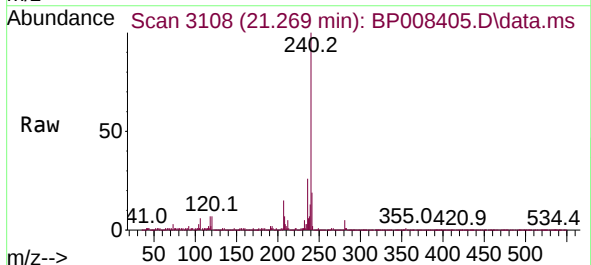
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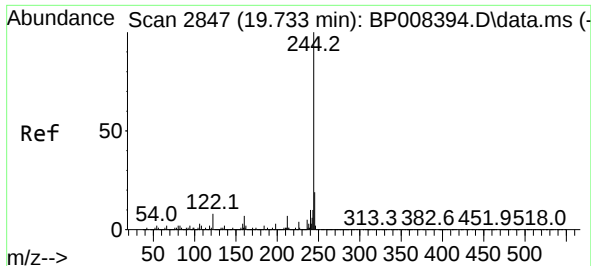
Tgt Ion:188 Resp: 262441
Ion Ratio Lower Upper
188 100
94 7.1 7.2 10.8#
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008405.D
Acq: 14 Dec 2021 21:55

Tgt Ion:240 Resp: 261410
Ion Ratio Lower Upper
240 100
120 6.8 7.3 10.9#
236 25.6 21.4 32.2



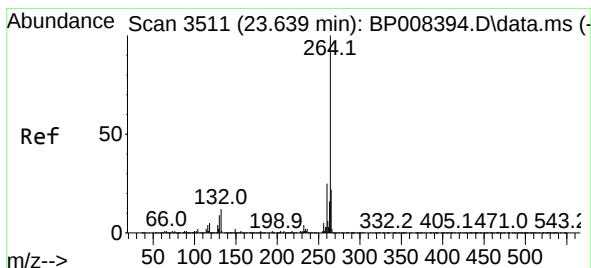
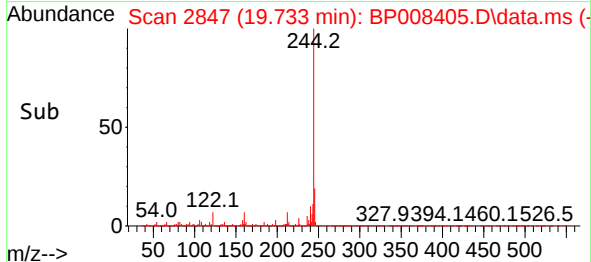
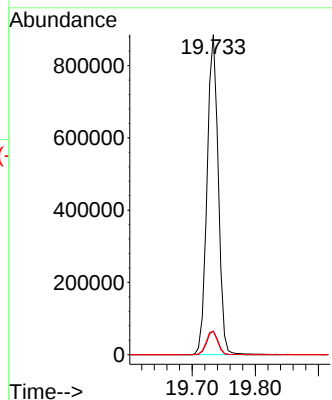
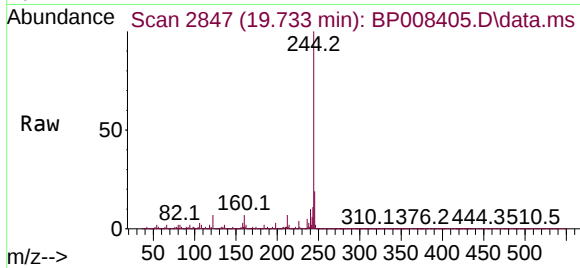


#79
 Terphenyl-d14
 Concen: 72.583 ng
 RT: 19.733 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008405.D
 Acq: 14 Dec 2021 21:55

Instrument :
 BNA_P
 ClientSampleId :
 SB-20-G

Tgt Ion:244 Resp: 1090220

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.3	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 3510
 Delta R.T. -0.006 min
 Lab File: BP008405.D
 Acq: 14 Dec 2021 21:55

Tgt Ion:264 Resp: 311750

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.3	17.6	26.4

