

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
 Data File : BP008196.D
 Acq On : 02 Dec 2021 17:44
 Operator : CG/JU
 Sample : M4891-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MINEBROOK-2-COMP

Quant Time: Dec 03 03:36:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

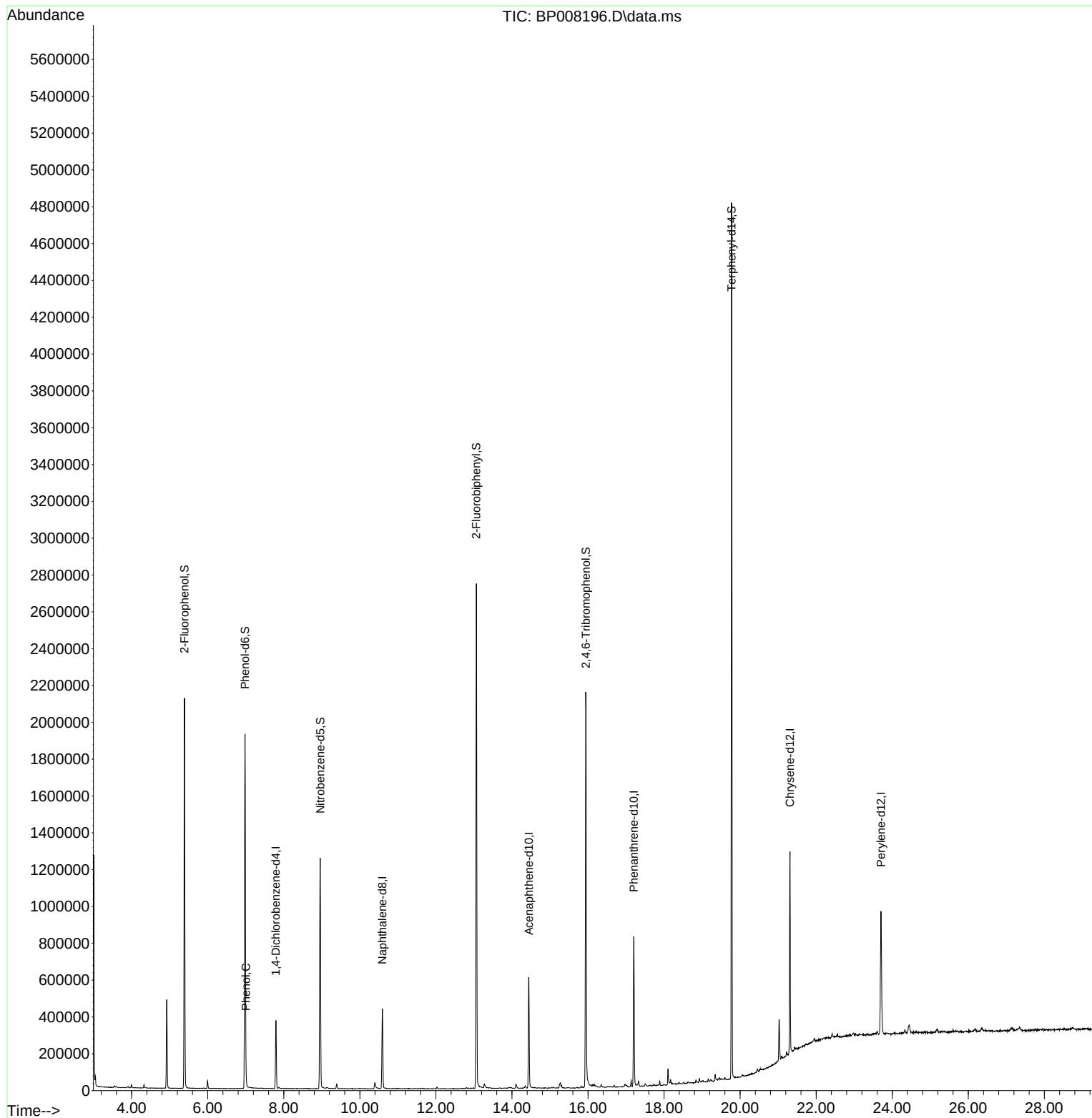
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	93354	20.000	ng	-0.02
21) Naphthalene-d8	10.593	136	343104	20.000	ng	-0.02
39) Acenaphthene-d10	14.446	164	221266	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	493815	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	546705	20.000	ng	0.00
86) Perylene-d12	23.704	264	548464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	809115	139.550	ng	-0.02
7) Phenol-d6	6.981	99	1035536	132.304	ng	-0.02
23) Nitrobenzene-d5	8.958	82	726813	96.328	ng	-0.02
42) 2,4,6-Tribromophenol	15.945	330	435203	153.882	ng	-0.01
45) 2-Fluorobiphenyl	13.063	172	1405864	92.290	ng	-0.02
79) Terphenyl-d14	19.775	244	2281974	87.234	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.917	77	101	Below Cal	#	33
10) Phenol	7.005	94	20098	2.499	ng	81
78) Pyrene	19.581	202	2216	Below Cal	#	83

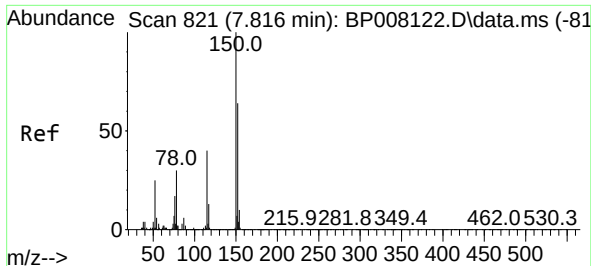
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 12:06:05 2021
Response via : Initial Calibration

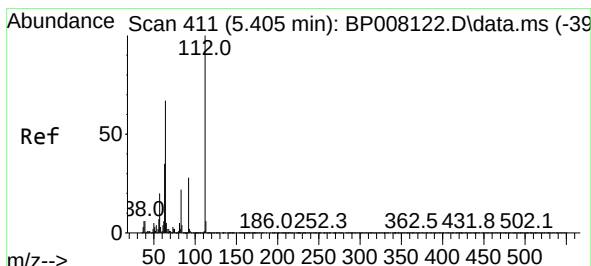
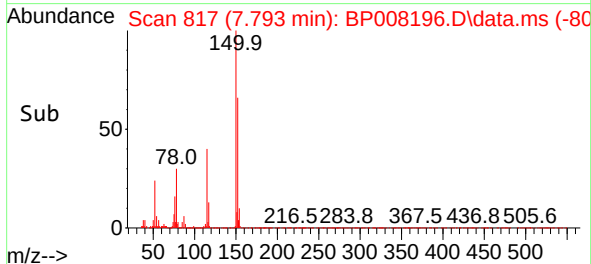
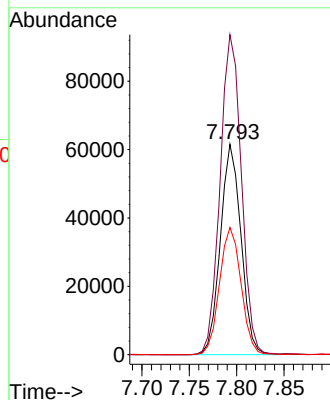
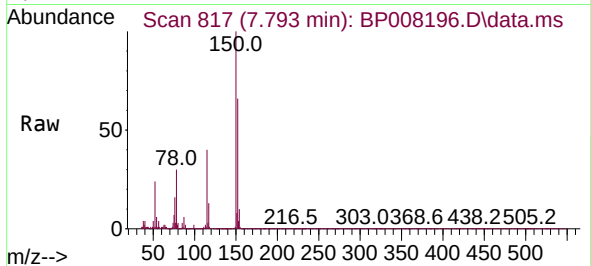




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

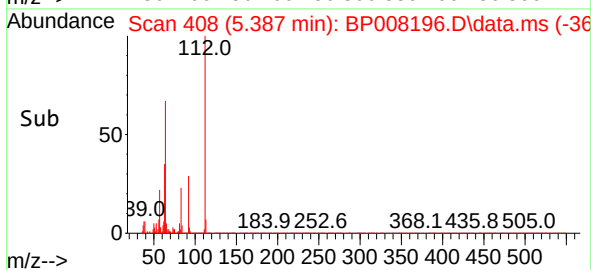
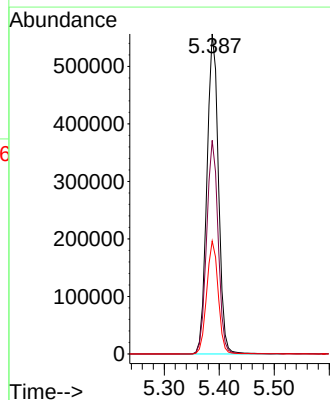
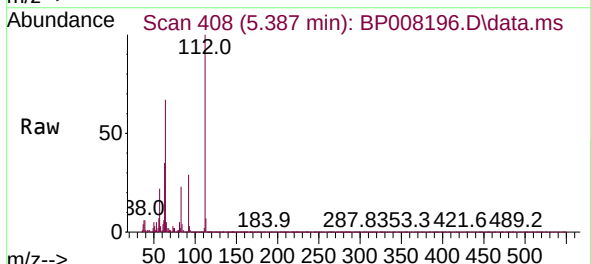
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MINEBROOK-2-COMP

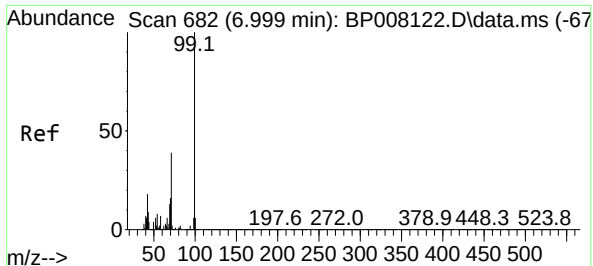
Tgt Ion:152 Resp: 93354
Ion Ratio Lower Upper
152 100
150 152.1 125.7 188.5
115 60.4 50.7 76.1



#5
2-Fluorophenol
Concen: 139.550 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.018 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

Tgt Ion:112 Resp: 809115
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.2
63 35.3 27.8 41.8

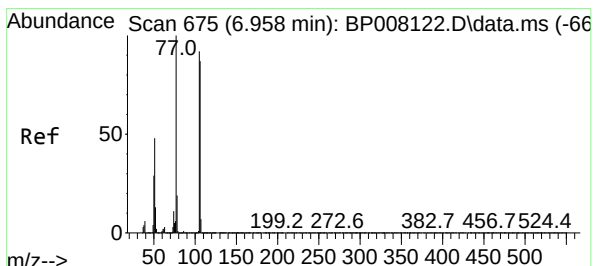
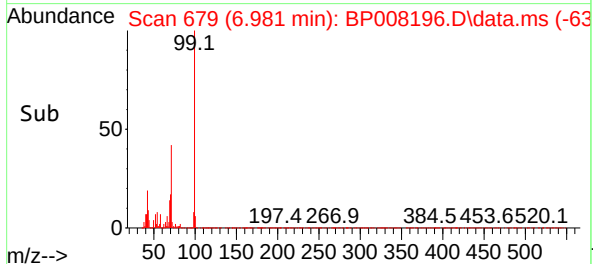
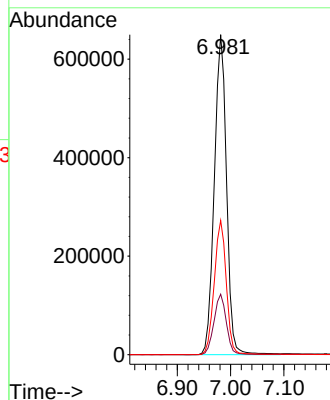
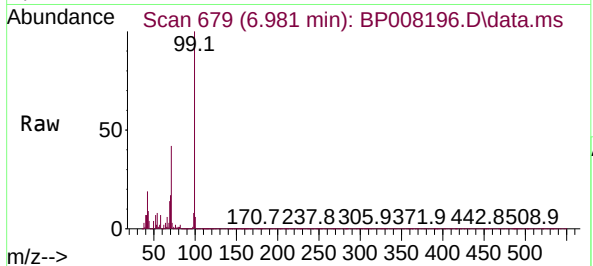




#7
Phenol-d6
Concen: 132.304 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

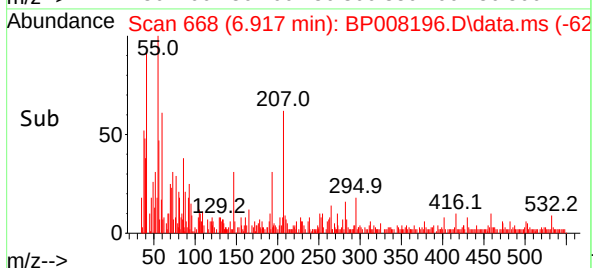
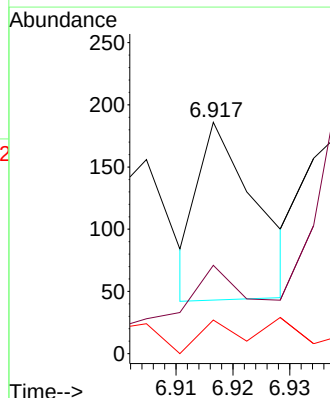
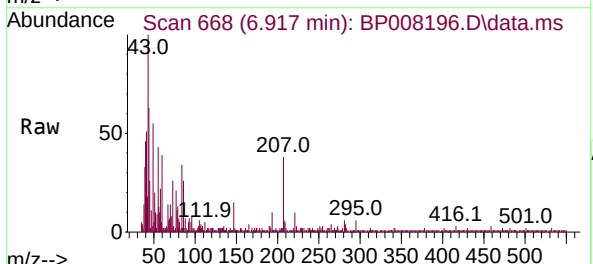
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ClientSampleId :
MINEBROOK-2-COMP

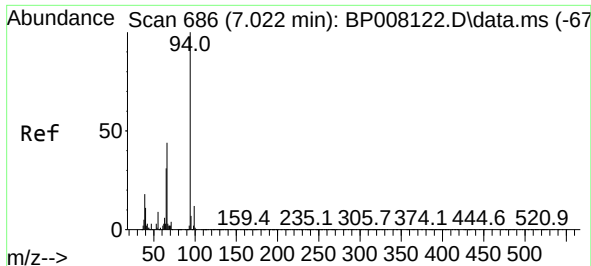
Tgt Ion: 99 Resp: 1035536
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 42.0 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.917 min Scan# 668
Delta R.T. -0.041 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

Tgt Ion: 77 Resp: 101
Ion Ratio Lower Upper
77 100
105 38.2 71.8 111.8#
106 14.5 67.3 107.3#

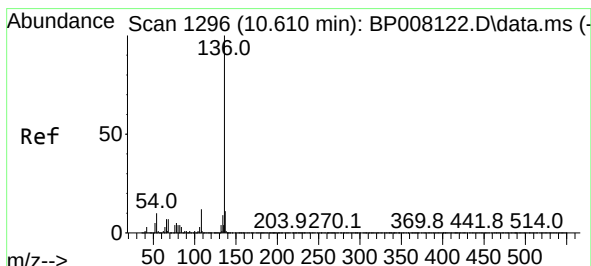
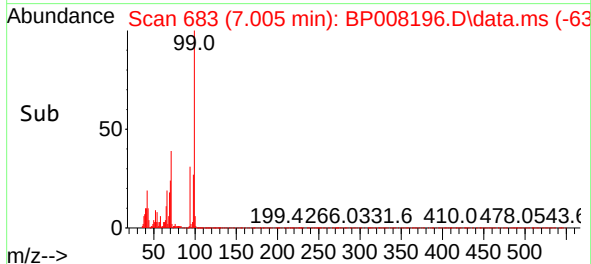
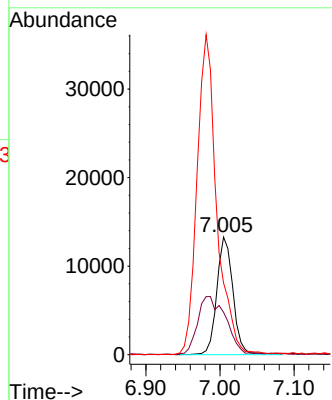
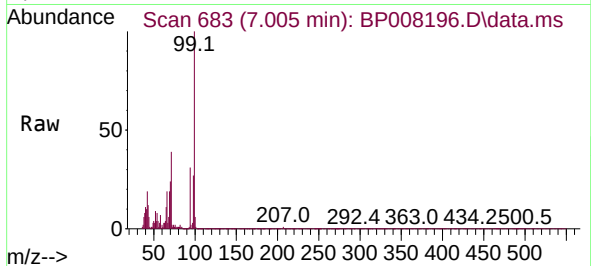




#10
Phenol
Concen: 2.499 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

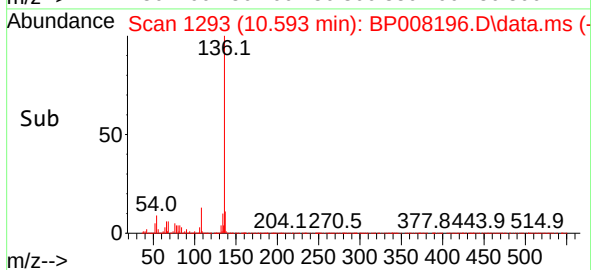
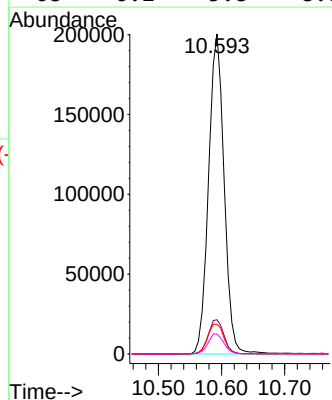
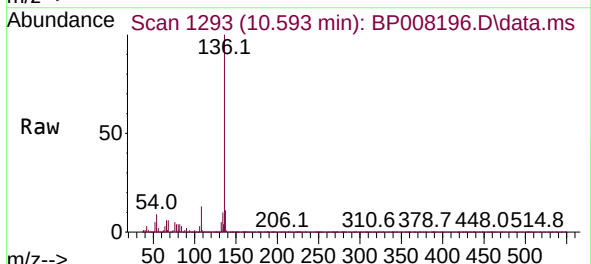
Instrument :
BNA_P
ClientSampleId :
MINEBROOK-2-COMP

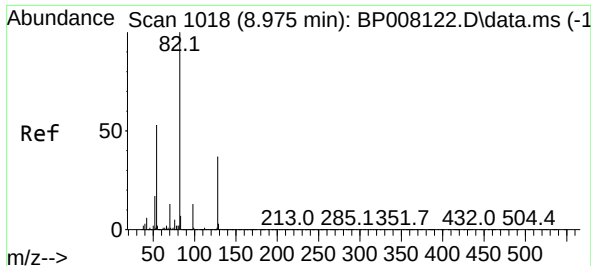
Tgt Ion: 94 Resp: 20098
Ion Ratio Lower Upper
94 100
65 36.1 10.9 50.9
66 61.0 24.3 64.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

Tgt Ion:136 Resp: 343104
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.3 8.2 12.4
68 6.2 5.8 8.8

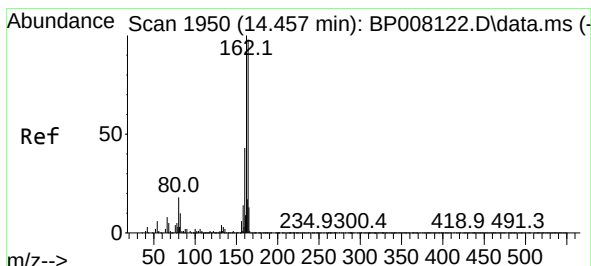
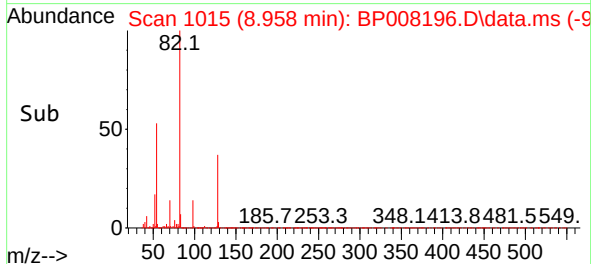
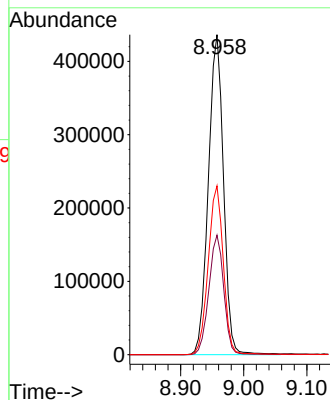
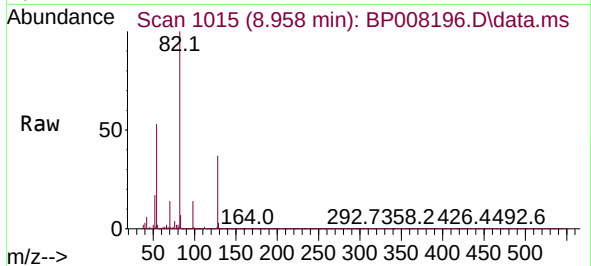




#23
Nitrobenzene-d5
Concen: 96.328 ng
RT: 8.958 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

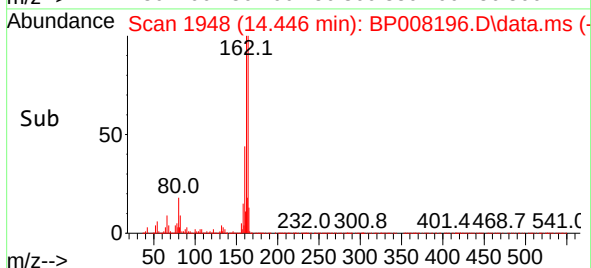
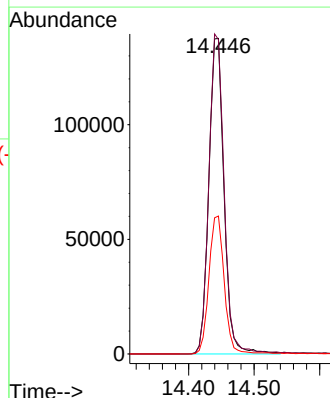
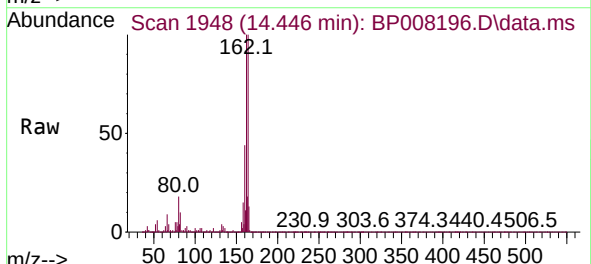
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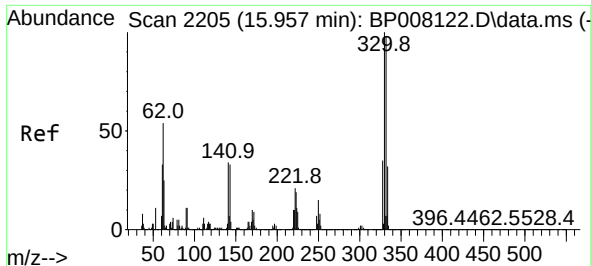
Tgt Ion: 82 Resp: 726813
Ion Ratio Lower Upper
82 100
128 37.4 29.6 44.4
54 52.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

Tgt Ion: 164 Resp: 221266
Ion Ratio Lower Upper
164 100
162 99.7 81.9 122.9
160 43.7 35.4 53.0

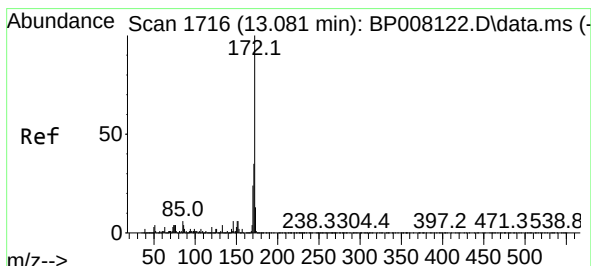
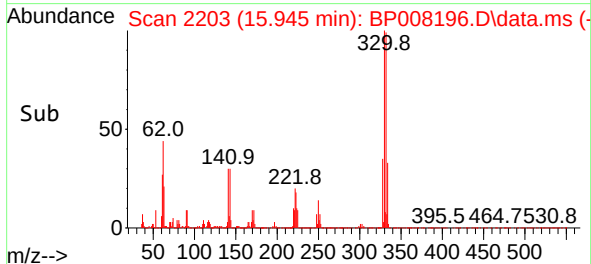
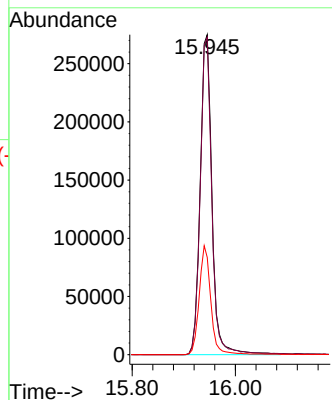
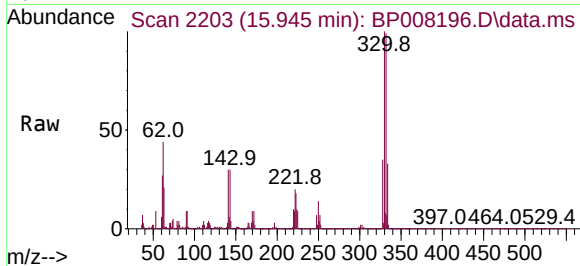




#42
2,4,6-Tribromophenol
Concen: 153.882 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

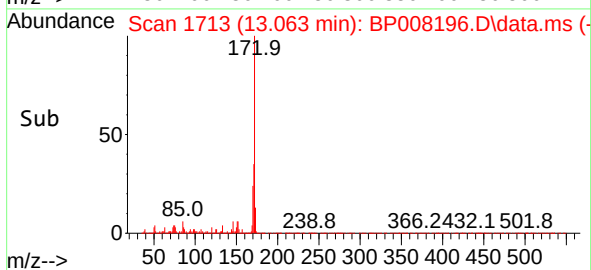
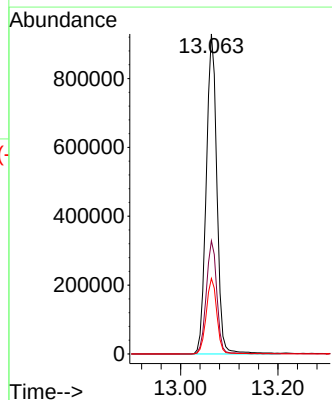
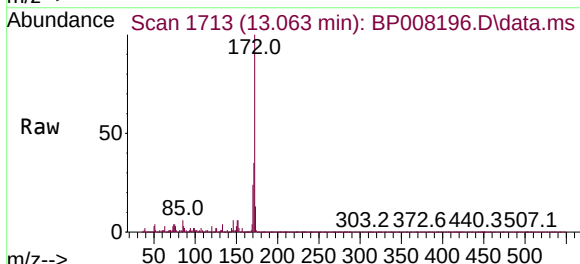
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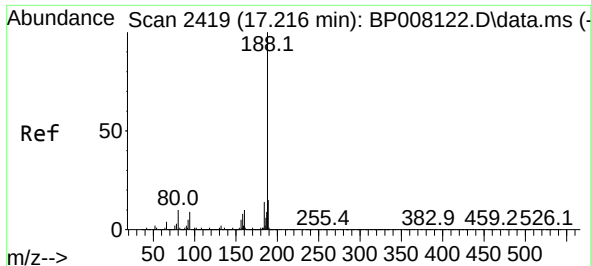
Tgt Ion:330 Resp: 435203
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.4
141 33.6 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 92.290 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

Tgt Ion:172 Resp: 1405864
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.6 18.9 28.3

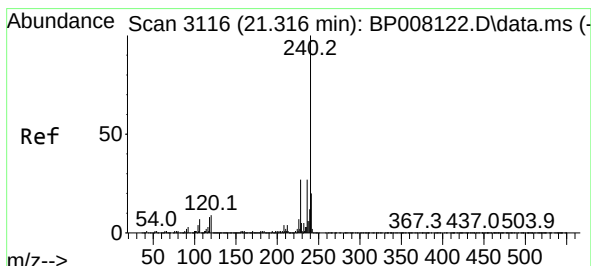
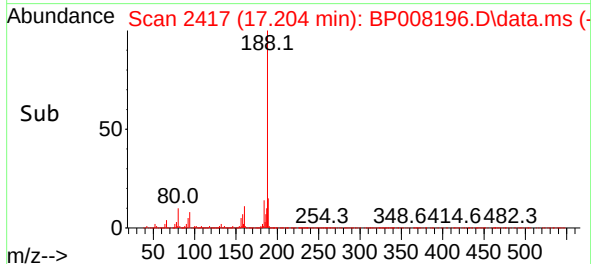
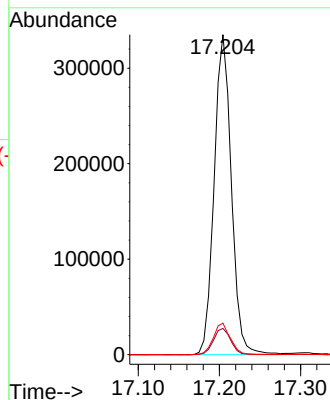
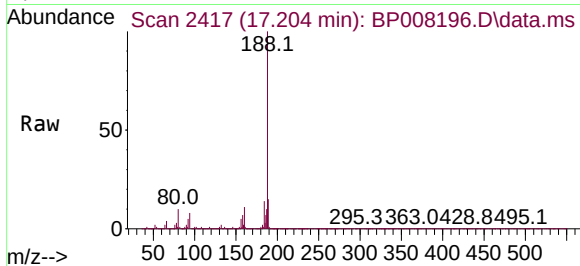




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

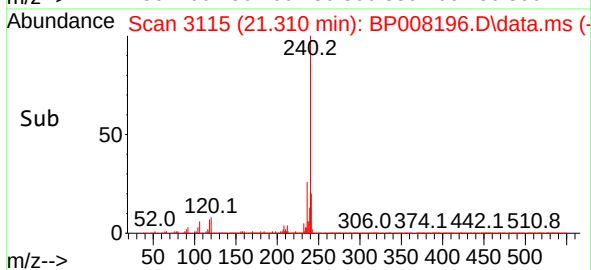
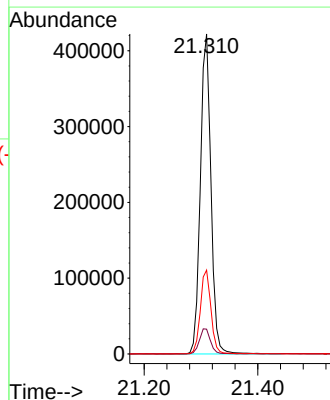
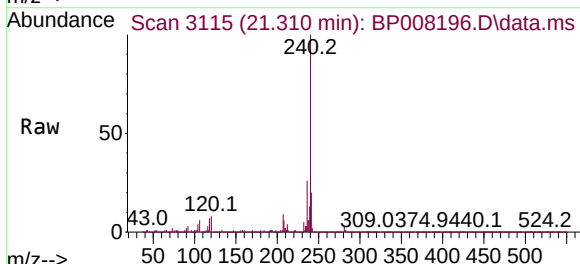
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ClientSampleId :
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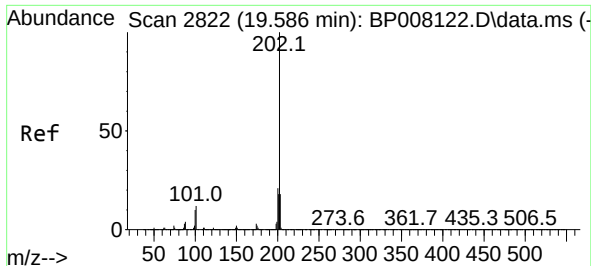
Tgt Ion:188 Resp: 493815
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008196.D
Acq: 02 Dec 2021 17:44

Tgt Ion:240 Resp: 546705
Ion Ratio Lower Upper
240 100
120 7.7 7.3 10.9
236 26.2 21.4 32.2

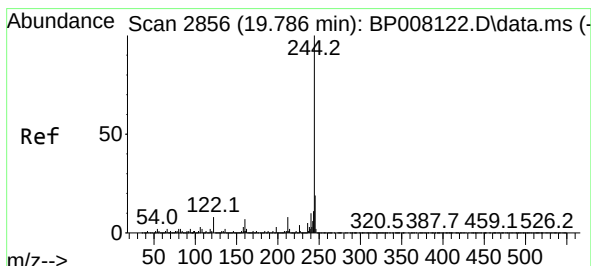
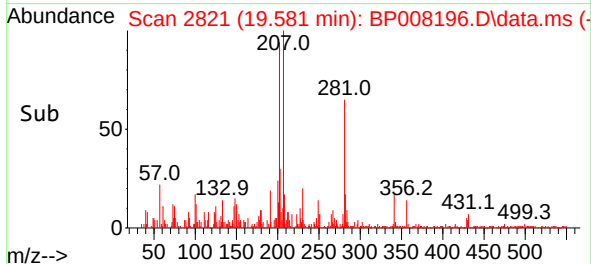
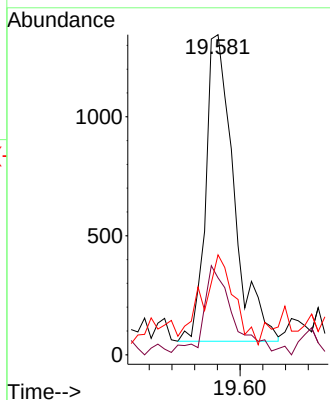
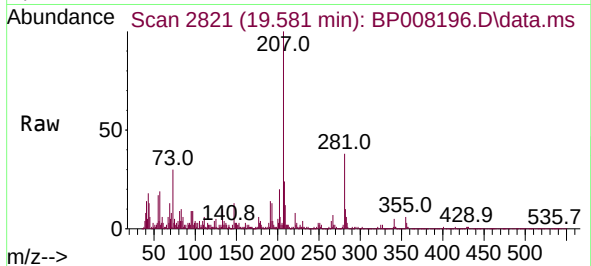




#78
 Pyrene
 Concen: Below Cal
 RT: 19.581 min Scan# 2822
 Delta R.T. -0.005 min
 Lab File: BP008196.D
 Acq: 02 Dec 2021 17:44

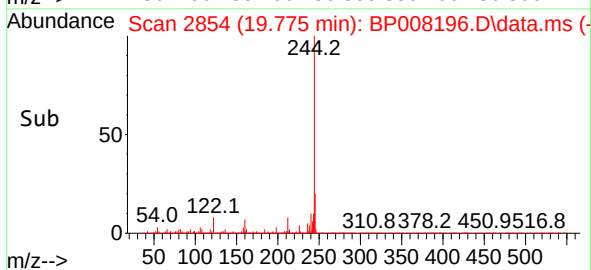
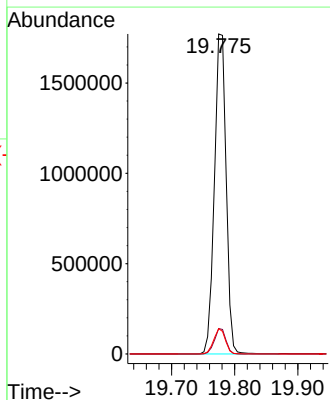
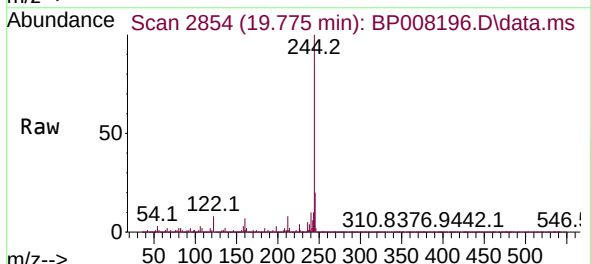
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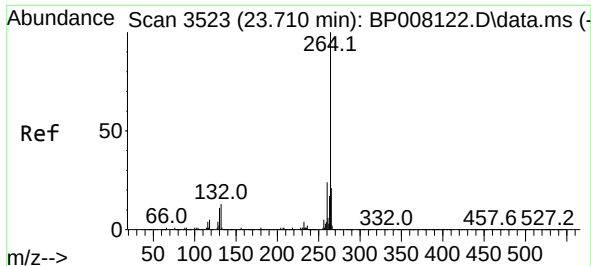
Tgt Ion:	202	Resp:	2216
Ion Ratio	Lower	Upper	
202	100		
200	24.0	17.1	25.7
203	31.2	14.2	21.2#



#79
 Terphenyl-d14
 Concen: 87.234 ng
 RT: 19.775 min Scan# 2854
 Delta R.T. -0.011 min
 Lab File: BP008196.D
 Acq: 02 Dec 2021 17:44

Tgt Ion:	244	Resp:	2281974
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	7.9	6.6	9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008196.D
 Acq: 02 Dec 2021 17:44

Instrument :
 BNA_P
 ClientSampleId :
 MINEBROOK-2-COMP

Tgt Ion:264 Resp: 548464
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.6 26.4

