

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
 Data File : BP007006.D
 Acq On : 16 Sep 2021 21:10
 Operator : CG/JU
 Sample : M3684-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F004130

Quant Time: Sep 17 02:39:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 16 15:16:52 2021
 Response via : Initial Calibration

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

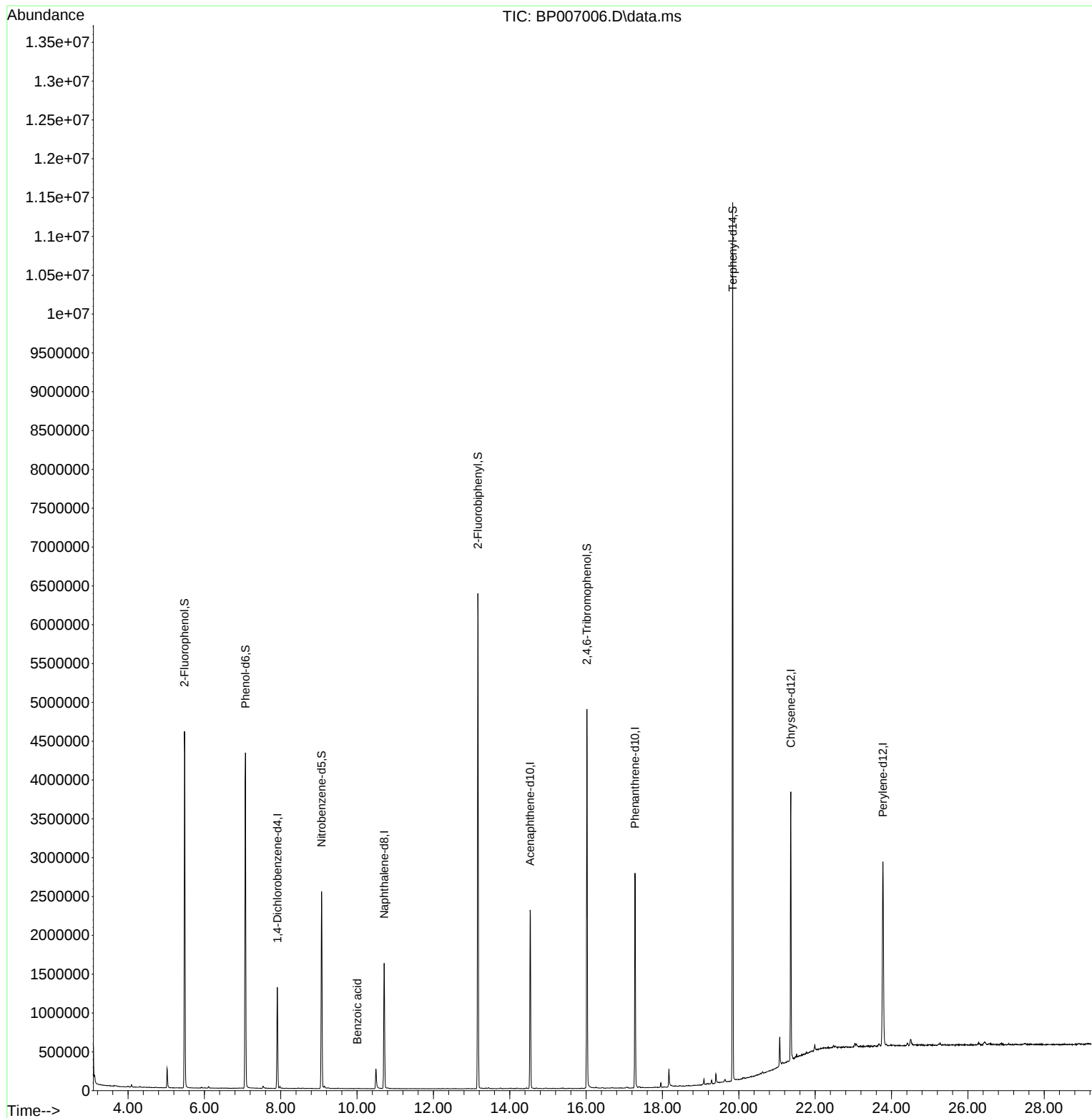
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	356057	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	1356781	20.000	ng	#-0.01
39) Acenaphthene-d10	14.534	164	802497	20.000	ng	-0.01
64) Phenanthrene-d10	17.281	188	1666774	20.000	ng	#-0.01
76) Chrysene-d12	21.363	240	1678681	20.000	ng	#-0.02
86) Perylene-d12	23.774	264	1731309	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2125341	97.471	ng	0.00
7) Phenol-d6	7.075	99	2634683	88.526	ng	0.00
23) Nitrobenzene-d5	9.069	82	1458743	60.386	ng	-0.01
42) 2,4,6-Tribromophenol	16.022	330	885298	91.732	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	3357688	57.761	ng	-0.01
79) Terphenyl-d14	19.839	244	5002561	57.176	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.075	77	5022	Below Cal	#	10
32) Benzoic acid	10.005	122	204	6.108	ng	# 74

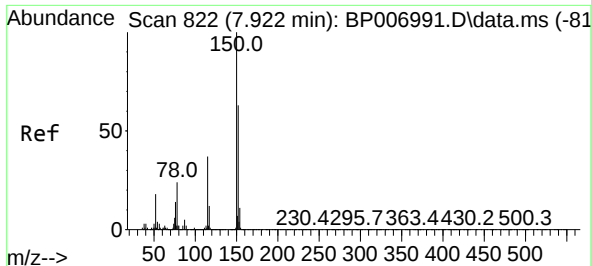
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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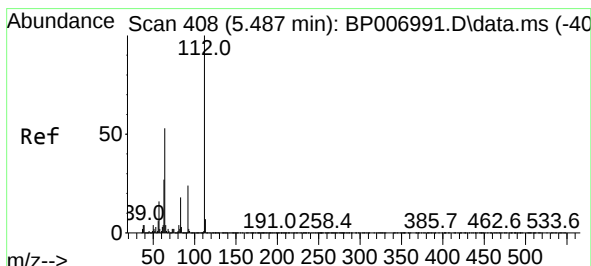
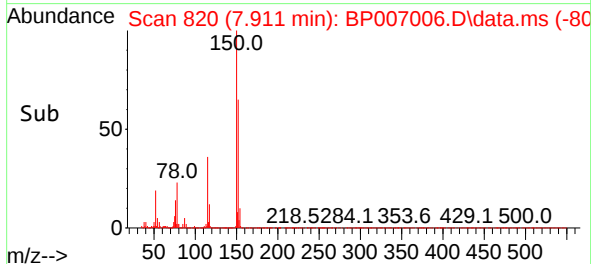
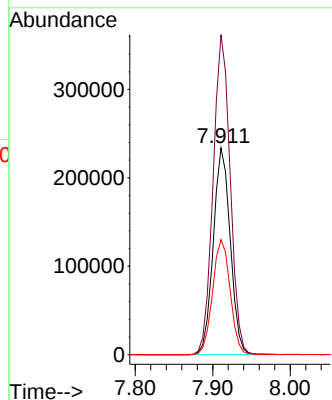
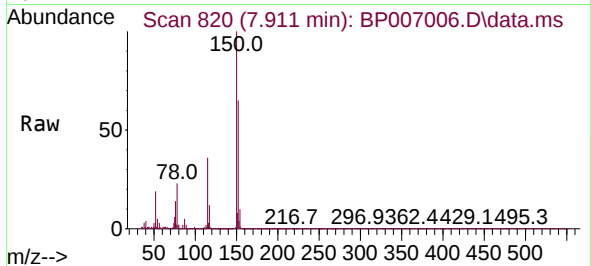




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 820
Delta R.T. -0.011 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

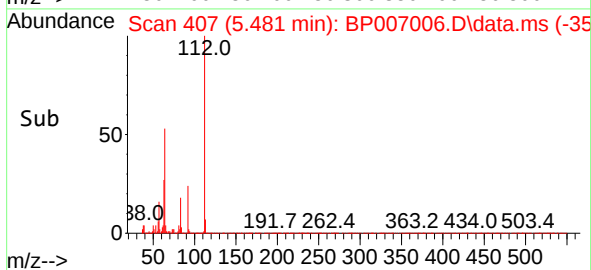
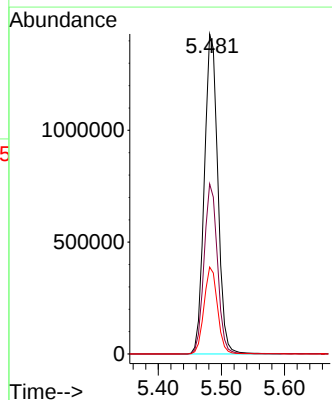
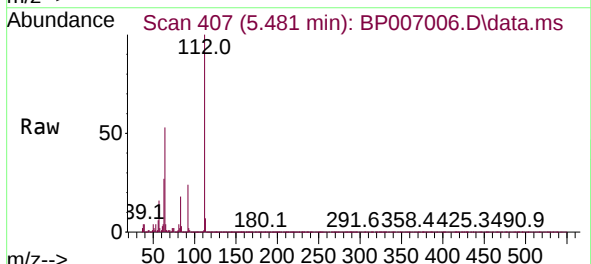
Instrument :
BNA_P
ClientSampleId :
F004130

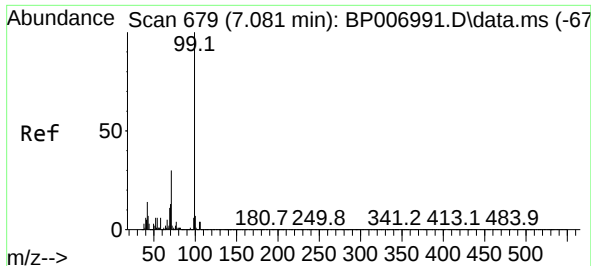
Tgt Ion:152 Resp: 356057
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 55.6 48.5 72.7



#5
2-Fluorophenol
Concen: 97.471 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

Tgt Ion:112 Resp: 2125341
Ion Ratio Lower Upper
112 100
64 53.2 41.4 62.2
63 27.2 23.8 35.8

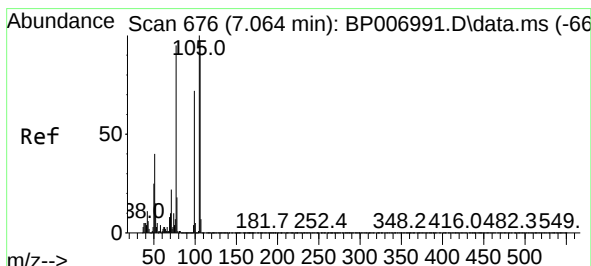
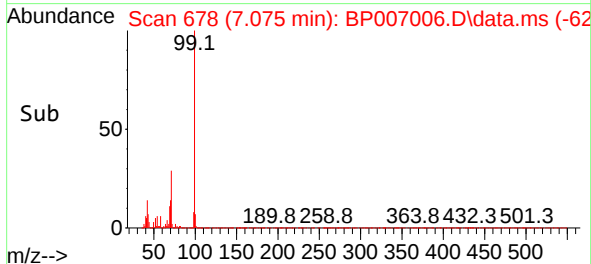
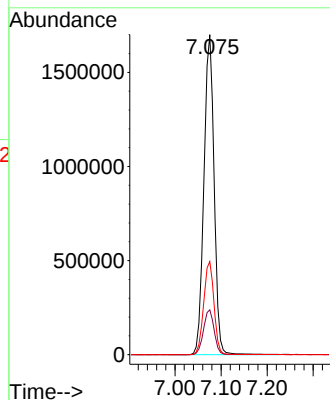
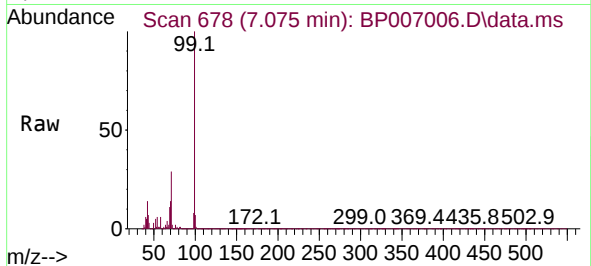




#7
Phenol-d6
Concen: 88.526 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

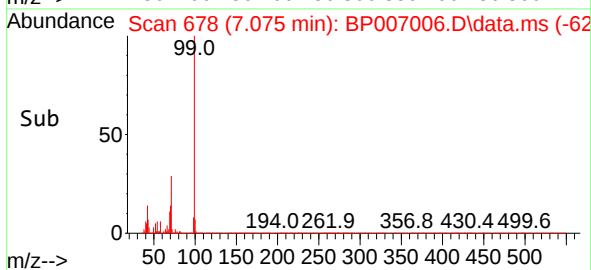
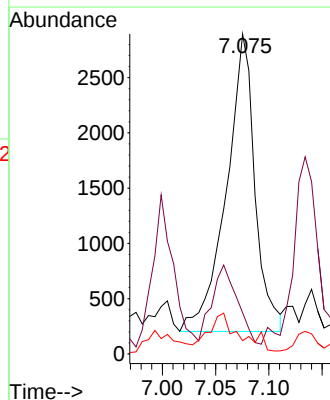
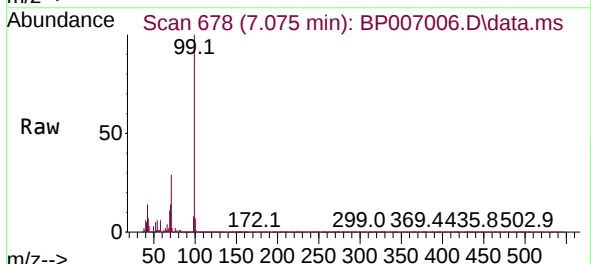
Instrument :
BNA_P
ClientSampleId :
F004130

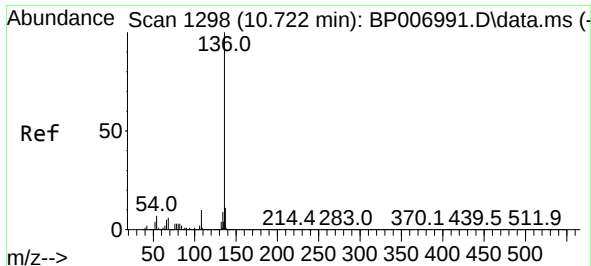
Tgt Ion: 99 Resp: 2634683
Ion Ratio Lower Upper
99 100
42 14.0 13.4 20.0
71 29.1 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.075 min Scan# 678
Delta R.T. 0.011 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

Tgt Ion: 77 Resp: 5022
Ion Ratio Lower Upper
77 100
105 12.9 76.7 116.7#
106 4.1 76.2 116.2#



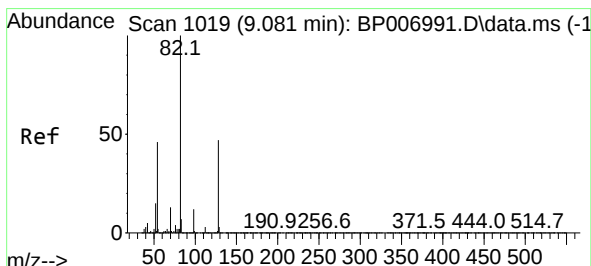
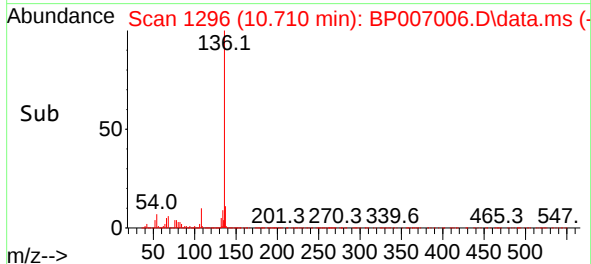
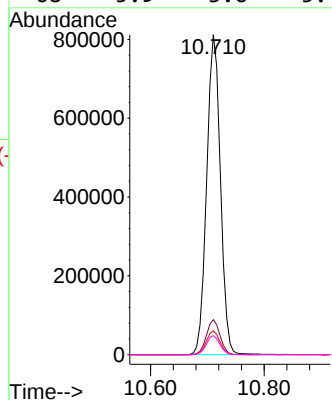
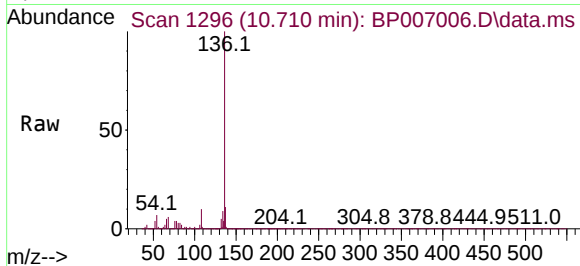


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

Instrument :
BNA_P
ClientSampleId :
F004130

Tgt Ion:136 Resp: 1356781

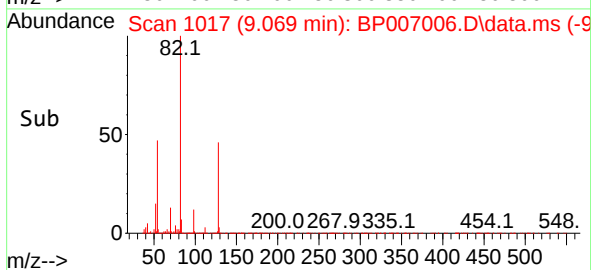
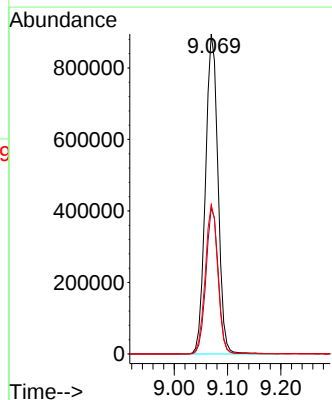
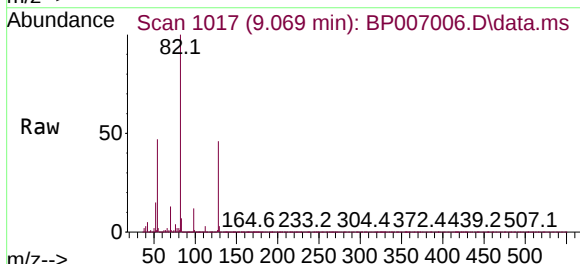
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.4	4.6	6.8#
68	5.9	3.6	5.4#

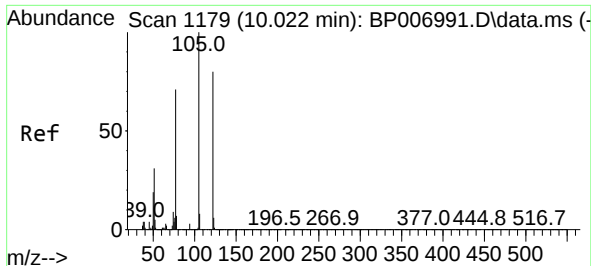


#23
Nitrobenzene-d5
Concen: 60.386 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

Tgt Ion: 82 Resp: 1458743

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.7	53.5
54	46.7	35.0	52.4

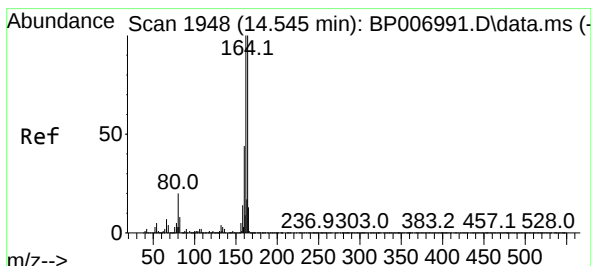
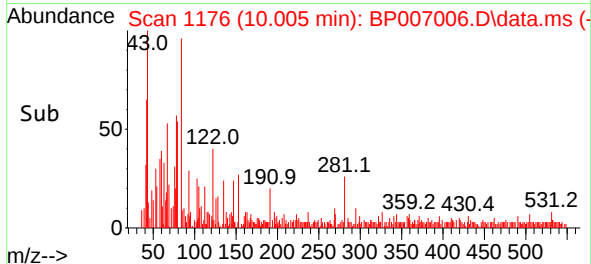
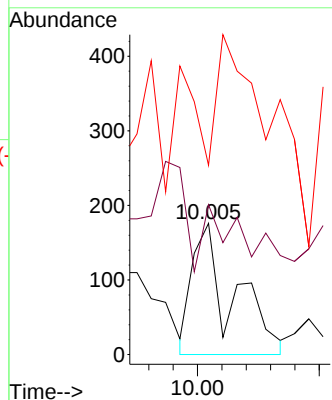
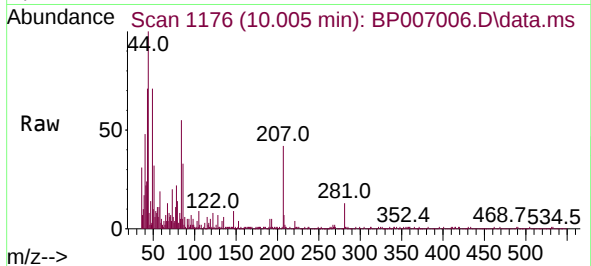




#32
Benzoic acid
Concen: 6.108 ng
RT: 10.005 min Scan# 1176
Delta R.T. -0.017 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

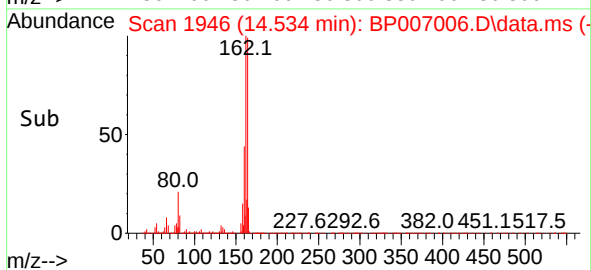
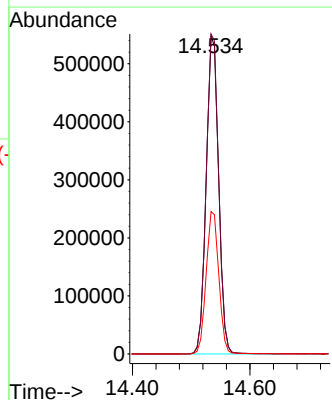
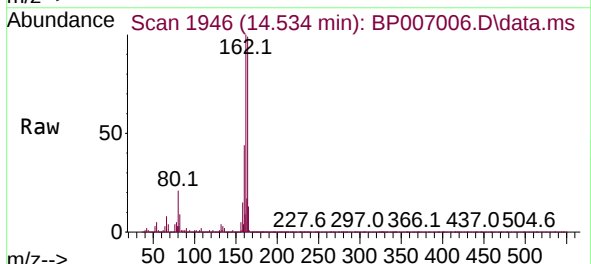
Instrument :
BNA_P
ClientSampleId :
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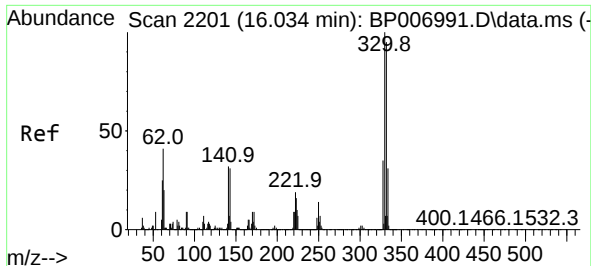
Tgt Ion:122 Resp: 204
Ion Ratio Lower Upper
122 100
105 114.2 103.2 143.2
77 144.3 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

Tgt Ion:164 Resp: 802497
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 44.7 34.5 51.7

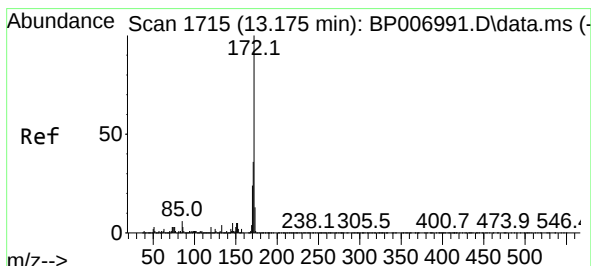
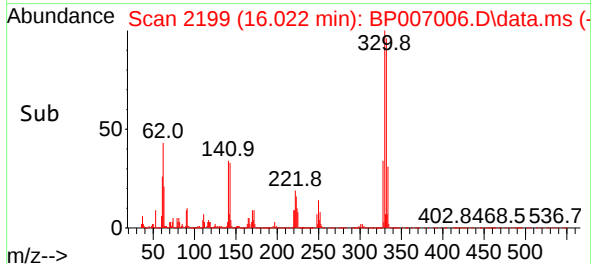
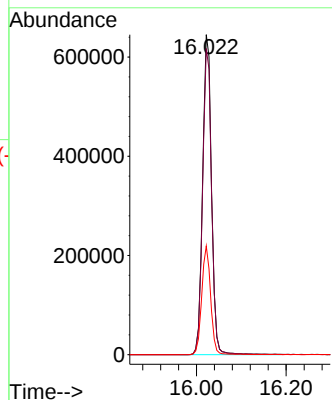
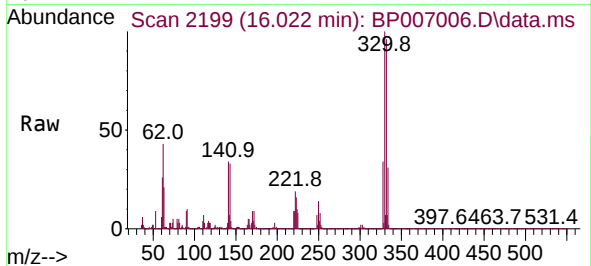




#42
2,4,6-Tribromophenol
Concen: 91.732 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

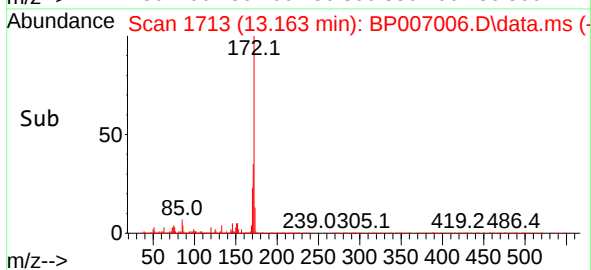
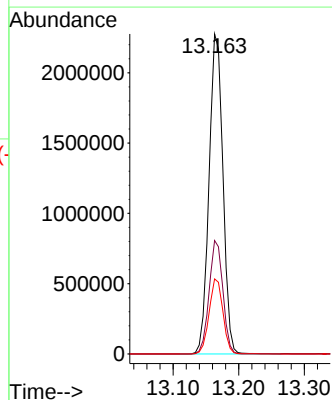
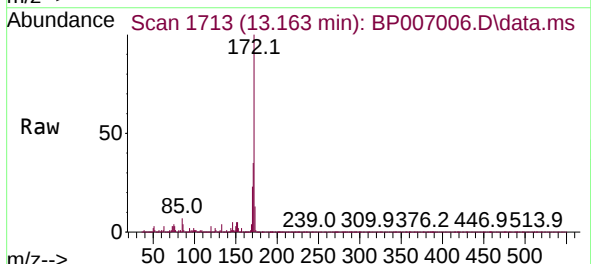
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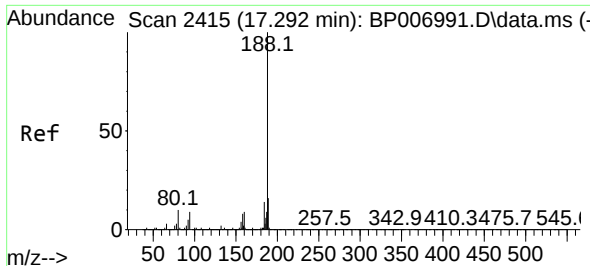
Tgt Ion:330 Resp: 885298
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 33.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 57.761 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

Tgt Ion:172 Resp: 3357688
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 18.6 27.8

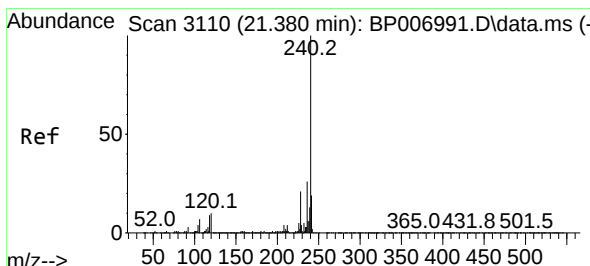
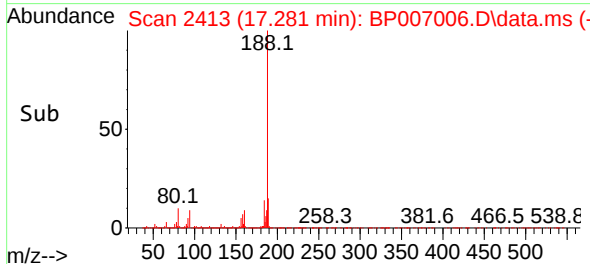
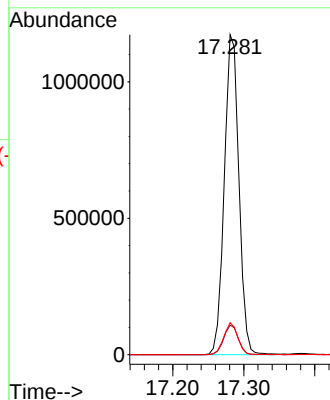
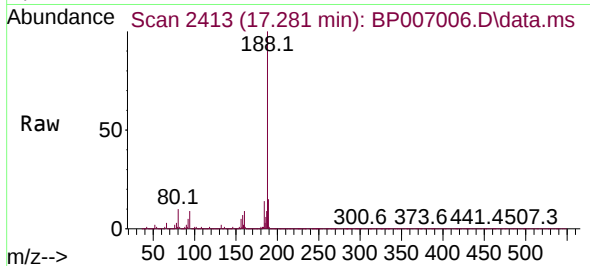




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

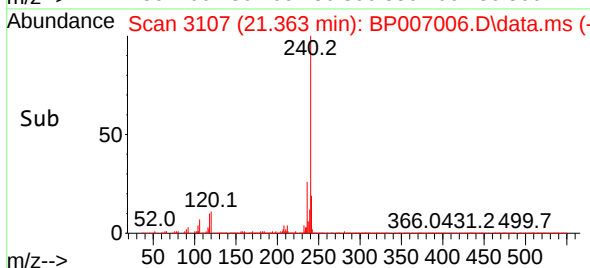
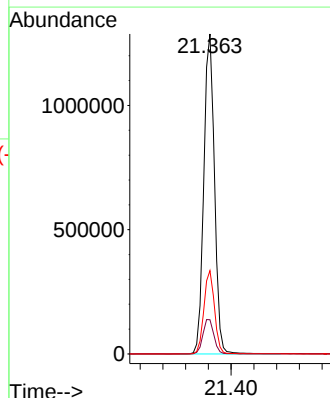
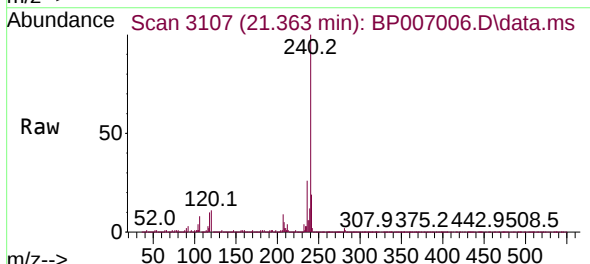
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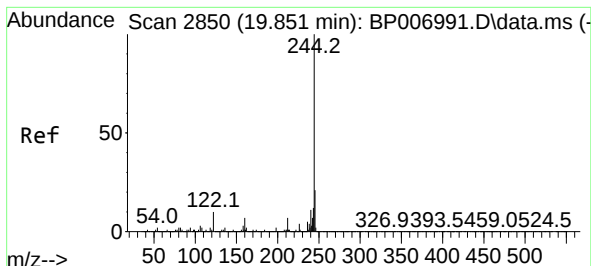
Tgt Ion:188 Resp: 1666774
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 10.0 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.017 min
Lab File: BP007006.D
Acq: 16 Sep 2021 21:10

Tgt Ion:240 Resp: 1678681
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 57.176 ng

RT: 19.839 min Scan# 2848

Delta R.T. -0.012 min

Lab File: BP007006.D

Acq: 16 Sep 2021 21:10

Instrument :

BNA_P

ClientSampleId :

F004130

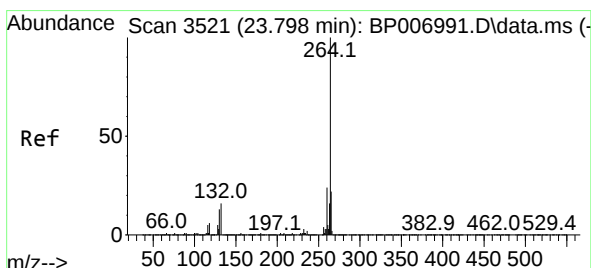
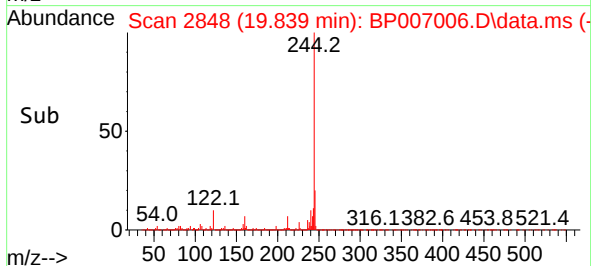
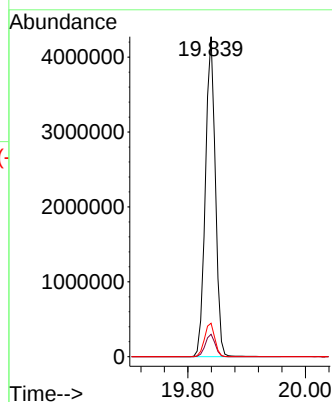
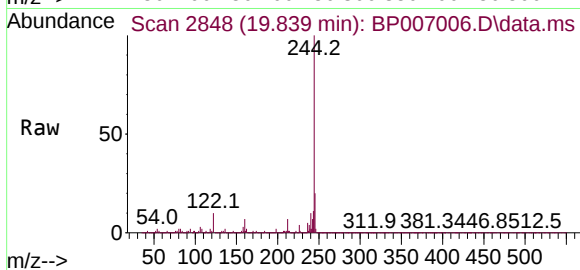
Tgt Ion:244 Resp: 5002561

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.024 min

Lab File: BP007006.D

Acq: 16 Sep 2021 21:10

Tgt Ion:264 Resp: 1731309

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.5 17.6 26.4

