

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
 Data File : BP007055.D
 Acq On : 20 Sep 2021 18:01
 Operator : CG/JU
 Sample : M3687-29
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A004145

Quant Time: Sep 20 18:27:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

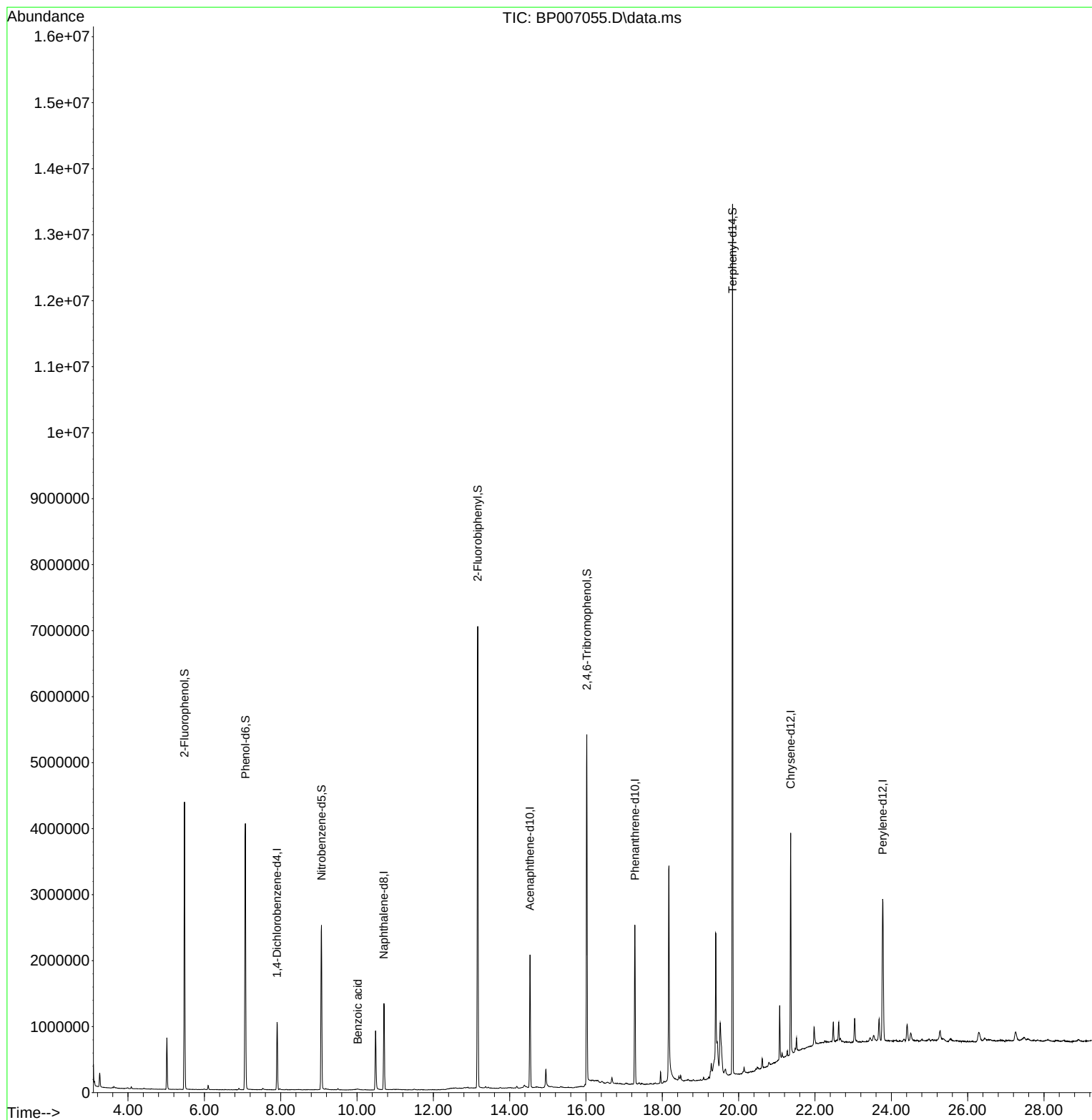
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	295170	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1129105	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	703385	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1492597	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1548362	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1644774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1982203	109.659	ng	0.00
7) Phenol-d6	7.075	99	2524860	102.336	ng	0.00
23) Nitrobenzene-d5	9.069	82	1467756	73.010	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1070239	126.521	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	3662429	71.881	ng	0.00
79) Terphenyl-d14	19.839	244	6004602	74.405	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.016	77	193	Below Cal	#	22
32) Benzoic acid	10.016	122	121	6.105 ng	#	23

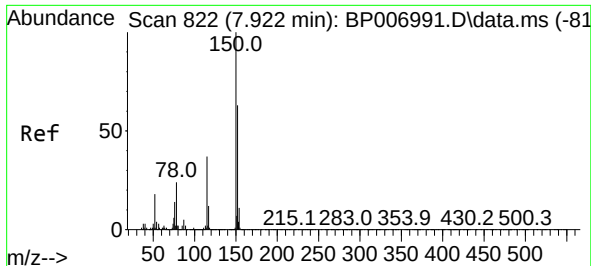
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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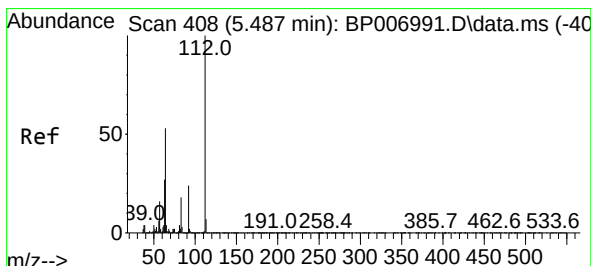
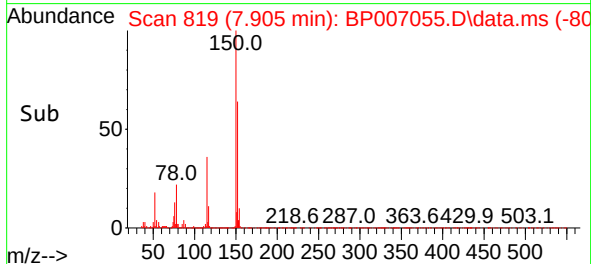
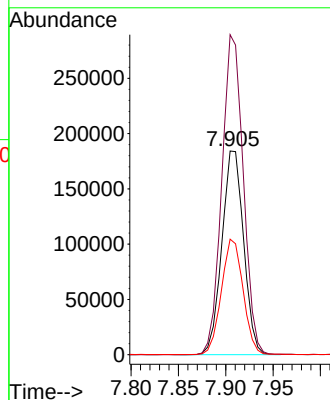
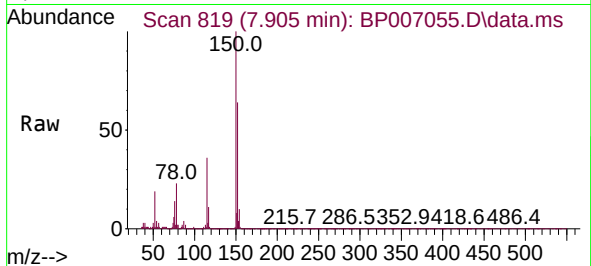




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

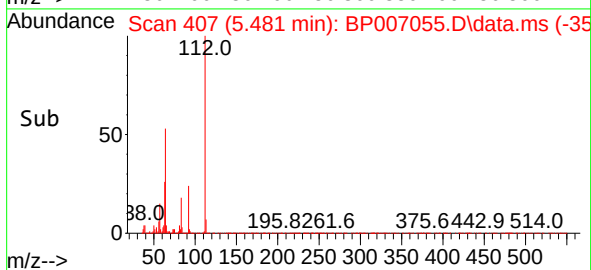
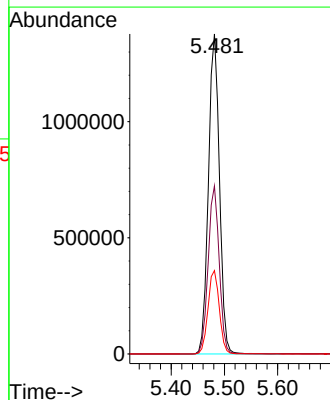
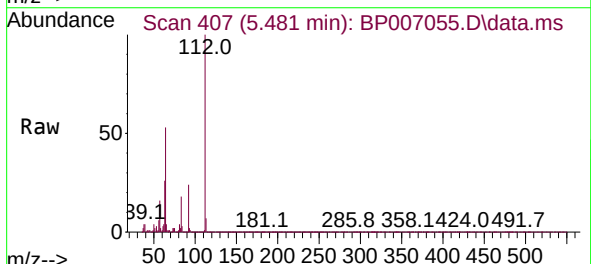
Instrument :
BNA_P
ClientSampleId :
A004145

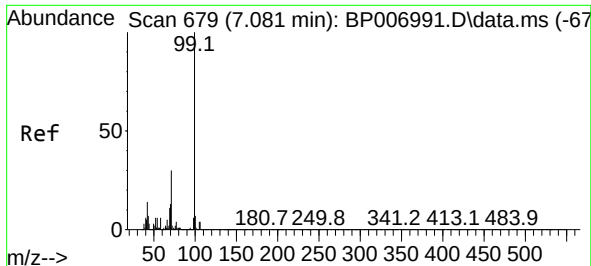
Tgt Ion:152 Resp: 295170
Ion Ratio Lower Upper
152 100
150 157.1 125.6 188.4
115 56.7 48.5 72.7



#5
2-Fluorophenol
Concen: 109.659 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

Tgt Ion:112 Resp: 1982203
Ion Ratio Lower Upper
112 100
64 52.5 41.4 62.2
63 26.1 23.8 35.8

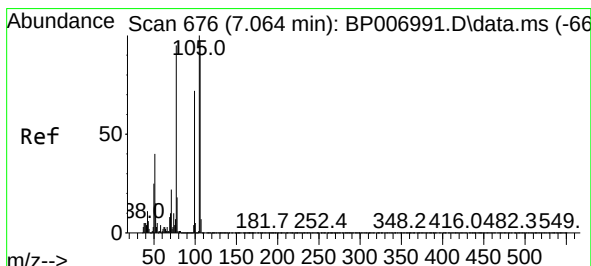
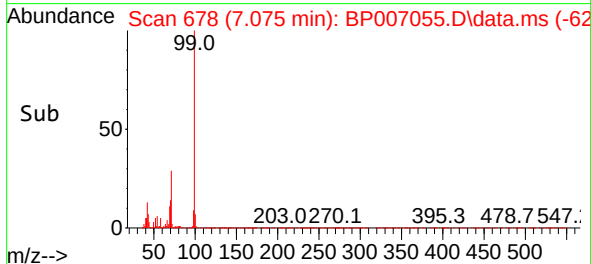
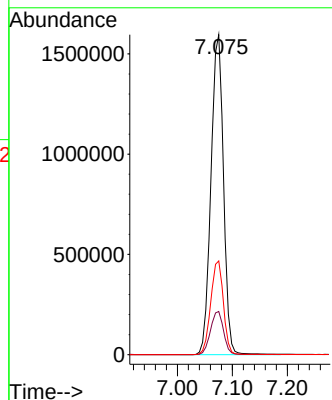
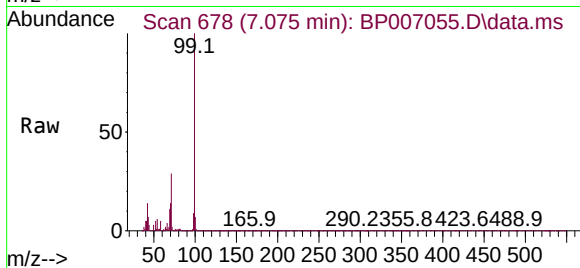




#7
Phenol-d6
Concen: 102.336 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

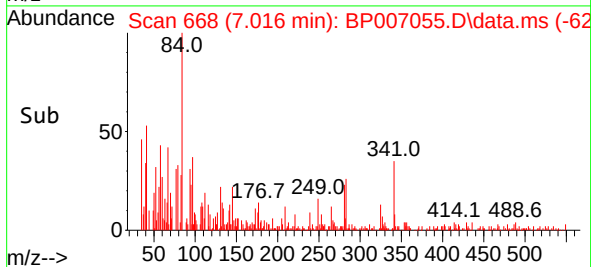
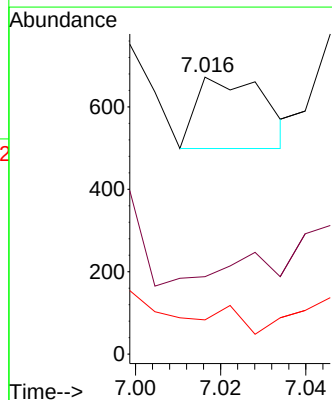
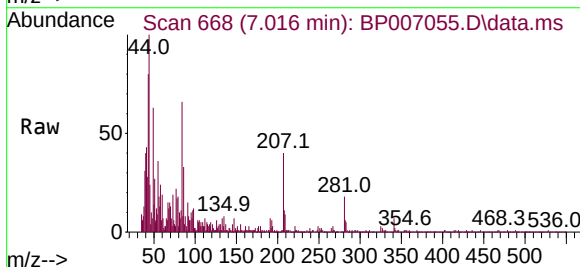
Instrument :
BNA_P
ClientSampleId :
A004145

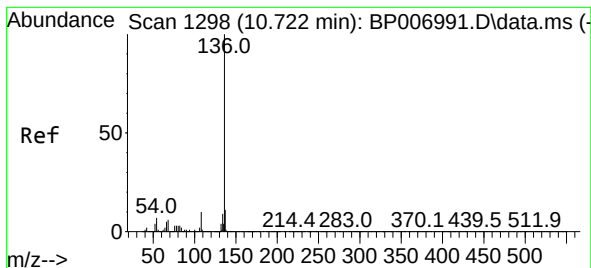
Tgt Ion: 99 Resp: 2524860
Ion Ratio Lower Upper
99 100
42 13.5 13.4 20.0
71 29.3 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.016 min Scan# 668
Delta R.T. -0.029 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

Tgt Ion: 77 Resp: 193
Ion Ratio Lower Upper
77 100
105 28.0 76.7 116.7#
106 12.4 76.2 116.2#

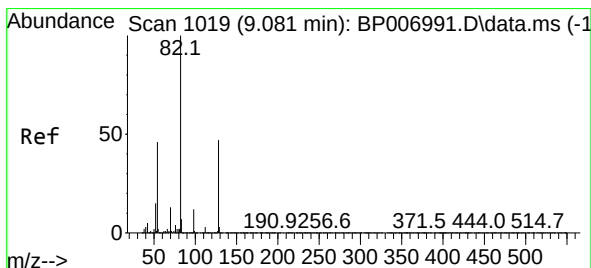
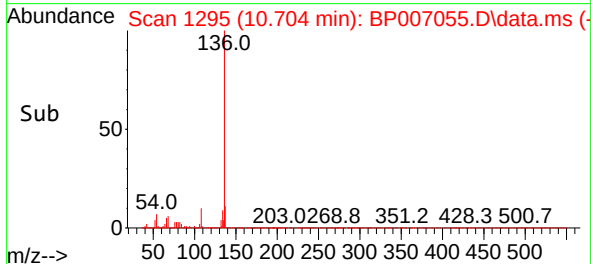
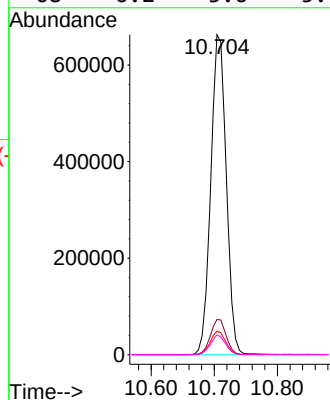
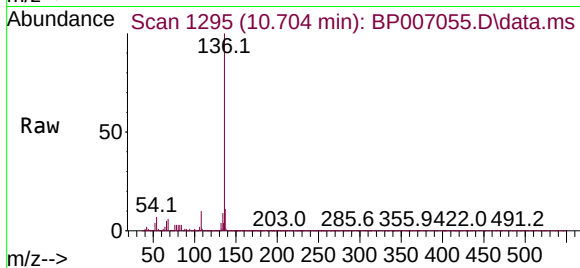




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

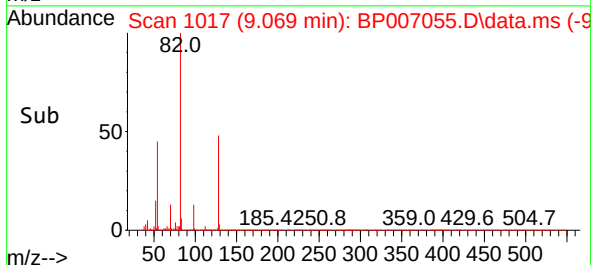
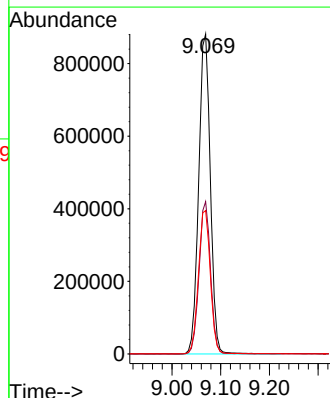
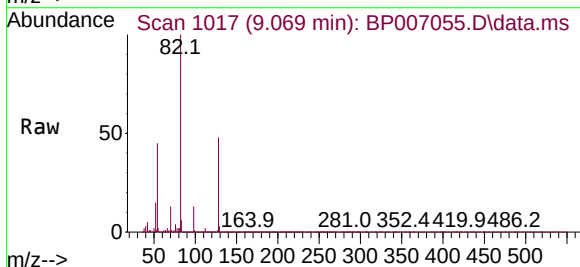
Instrument :
BNA_P
ClientSampleId :
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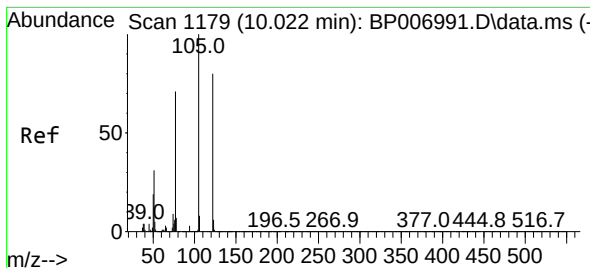
Tgt Ion:136 Resp: 1129105
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.4 4.6 6.8#
68 6.2 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 73.010 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

Tgt Ion: 82 Resp: 1467756
Ion Ratio Lower Upper
82 100
128 47.6 35.7 53.5
54 44.8 35.0 52.4

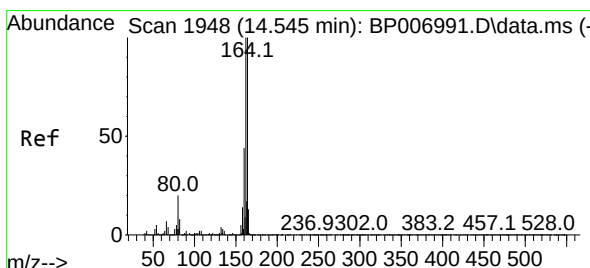
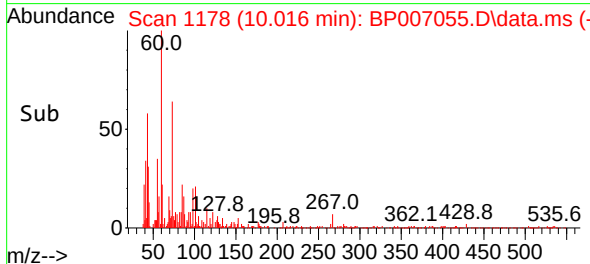
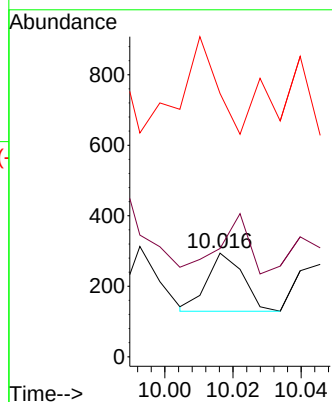
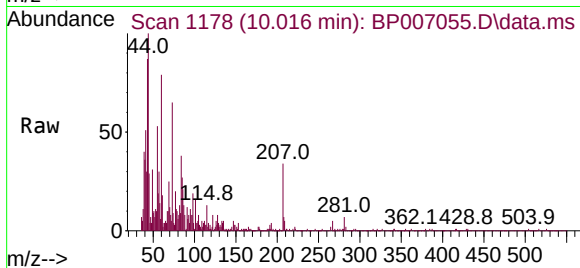




#32
Benzoic acid
Concen: 6.105 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

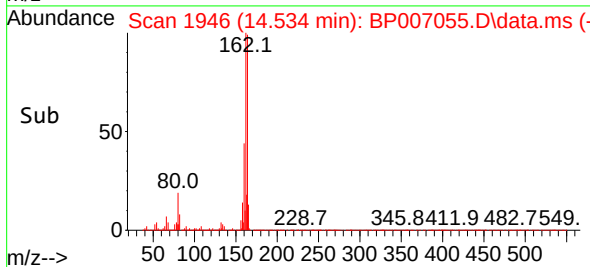
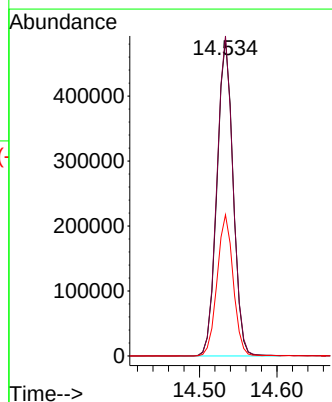
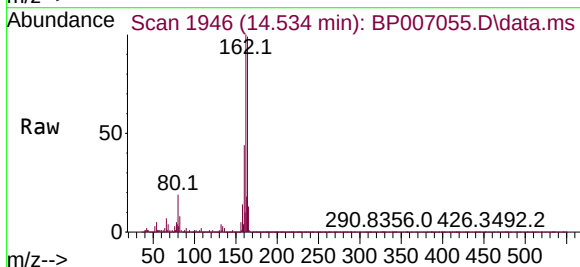
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BNA_P
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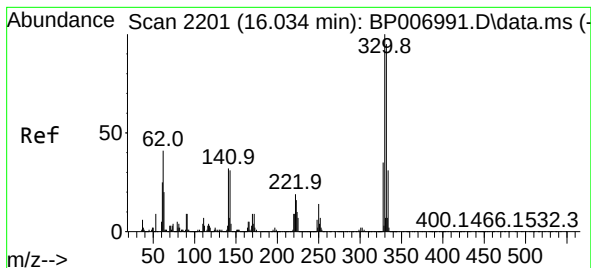
Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 100.0 103.2 143.2#
77 243.3 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

Tgt Ion:164 Resp: 703385
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.6 34.5 51.7

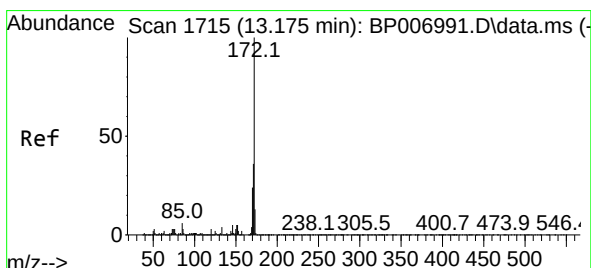
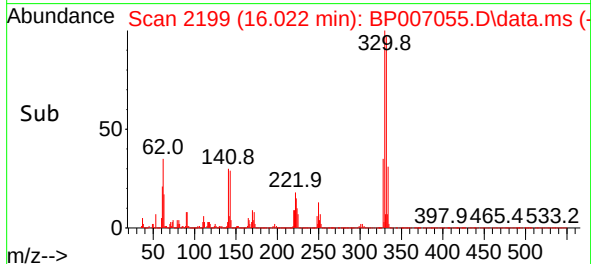
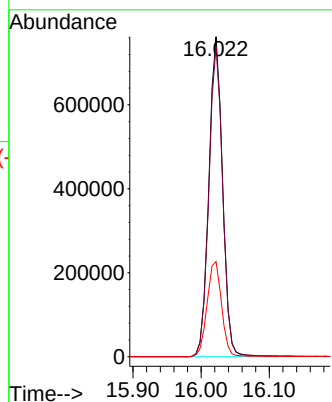
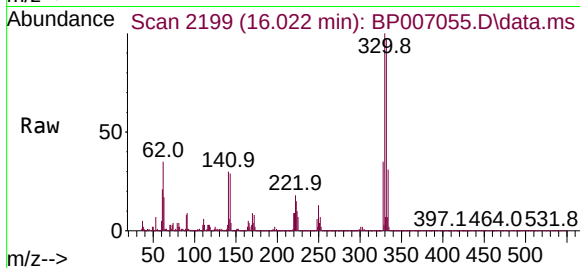




#42
2,4,6-Tribromophenol
Concen: 126.521 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

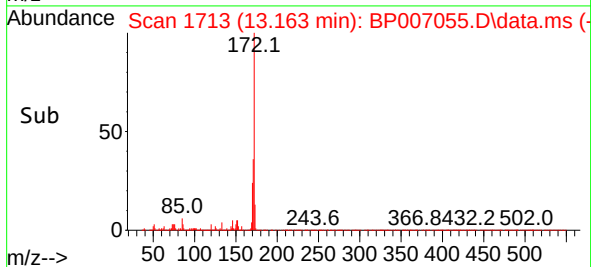
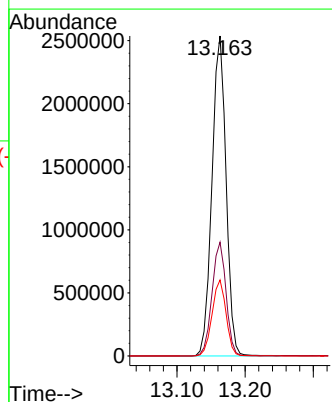
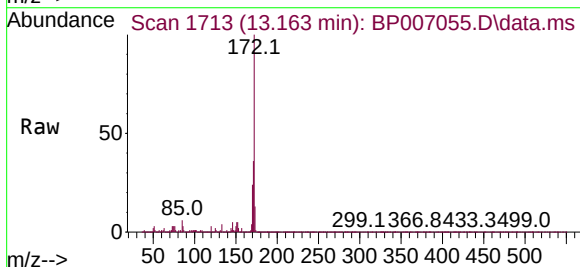
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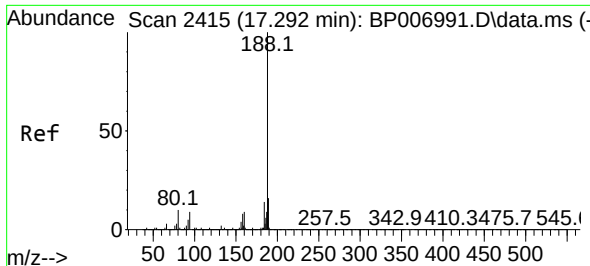
Tgt Ion:330 Resp: 1070239
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 31.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 71.881 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

Tgt Ion:172 Resp: 3662429
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.8 18.6 27.8

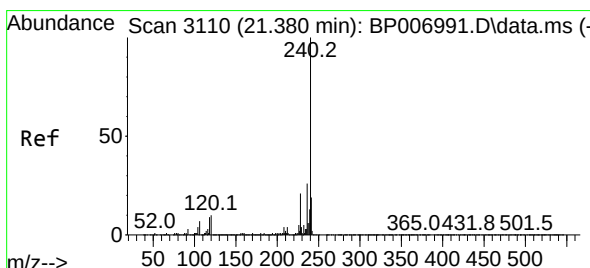
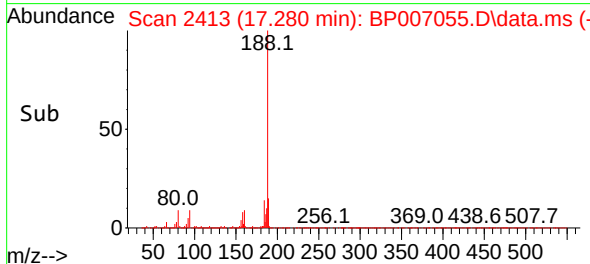
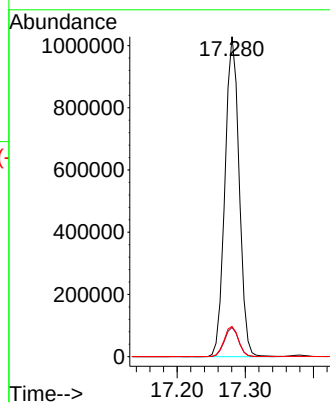
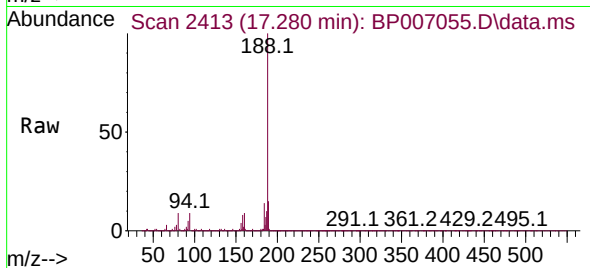




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

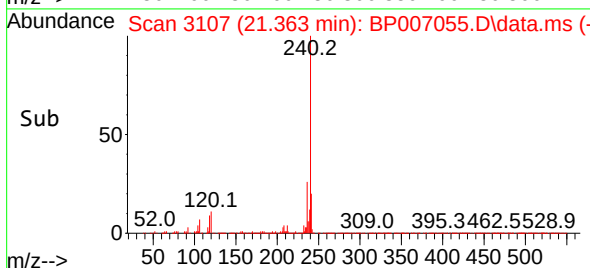
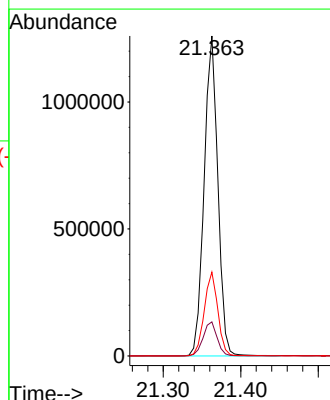
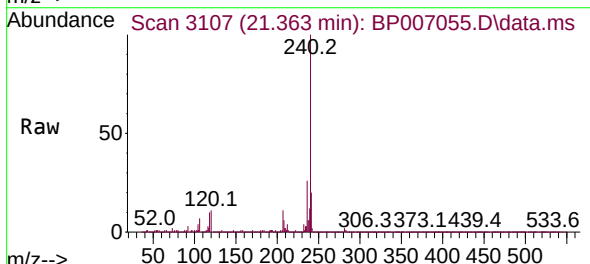
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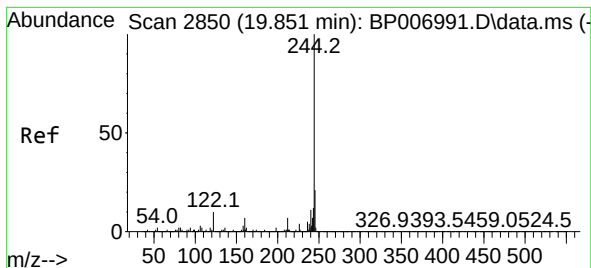
Tgt Ion:188 Resp: 1492597
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 9.4 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP007055.D
Acq: 20 Sep 2021 18:01

Tgt Ion:240 Resp: 1548362
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 74.405 ng

RT: 19.839 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP007055.D

Acq: 20 Sep 2021 18:01

Instrument :

BNA_P

ClientSampleId :

A004145

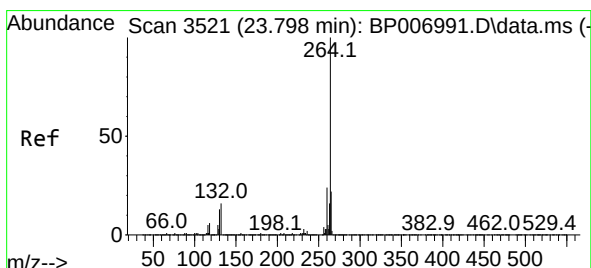
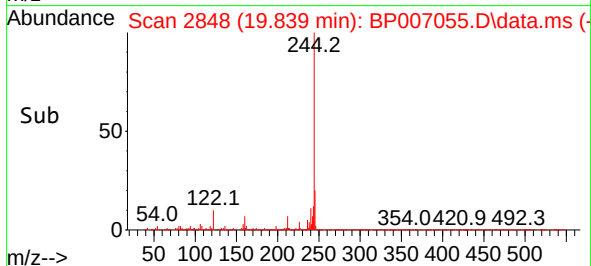
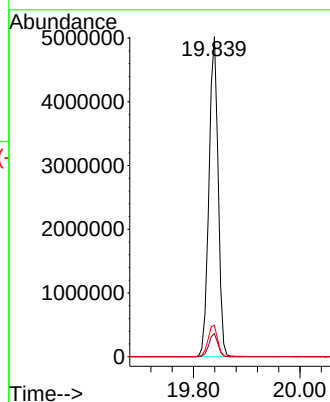
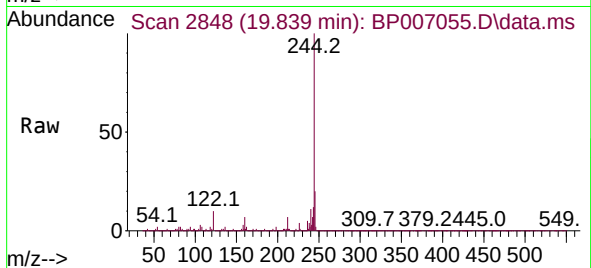
Tgt Ion:244 Resp: 6004602

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.8 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.006 min

Lab File: BP007055.D

Acq: 20 Sep 2021 18:01

Tgt Ion:264 Resp: 1644774

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.2 17.6 26.4

