

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
 Data File : BP007047.D
 Acq On : 20 Sep 2021 12:15
 Operator : CG/JU
 Sample : M3770-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NAPL-05-(20-22)

Quant Time: Sep 20 12:57:59 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)

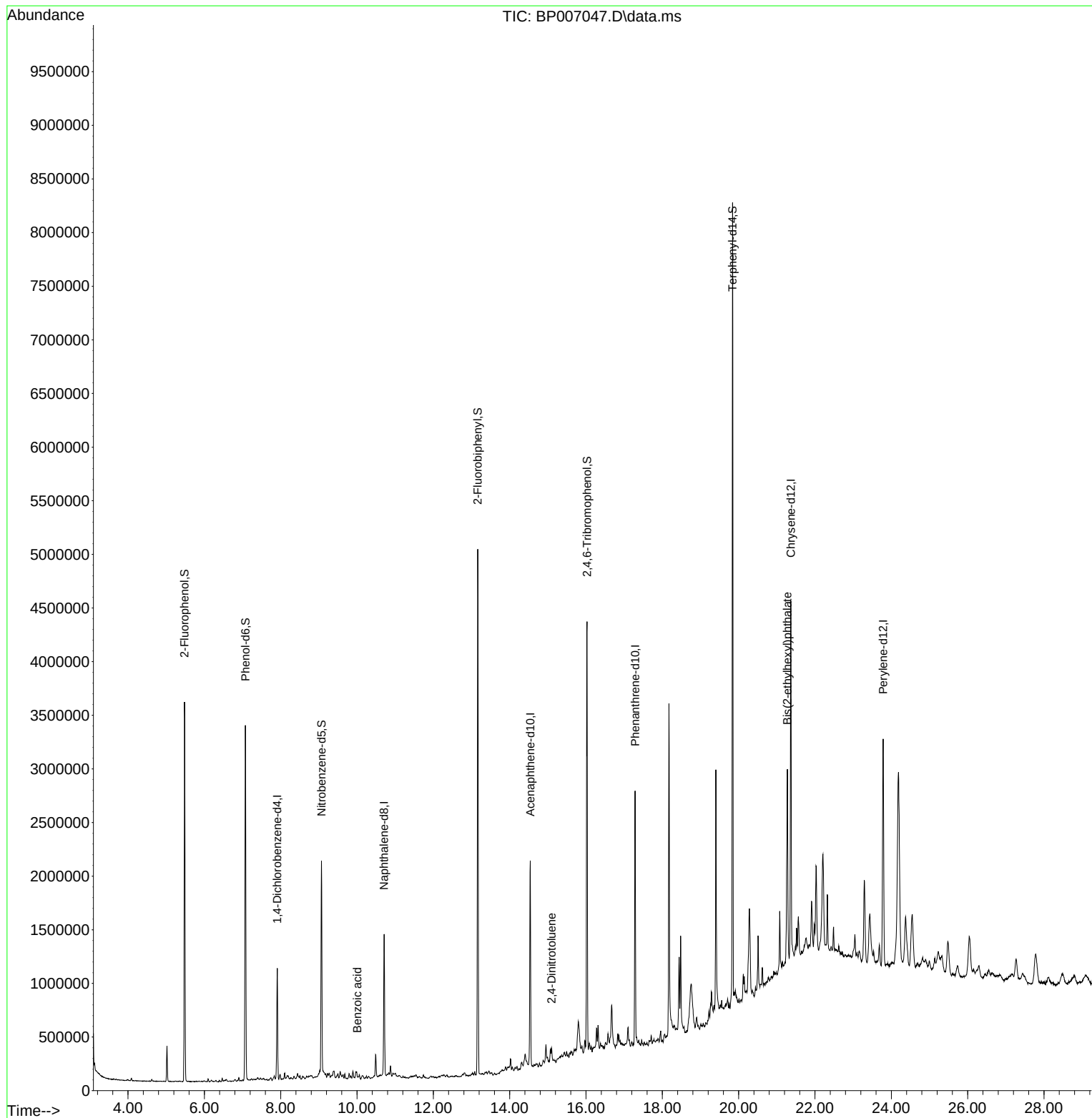
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	290487	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1120355	20.000	ng	# 0.00
39) Acenaphthene-d10	14.540	164	684613	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	1401982	20.000	ng	# 0.00
76) Chrysene-d12	21.369	240	1459823	20.000	ng	# 0.00
86) Perylene-d12	23.786	264	1617620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1649862	92.744	ng	0.00
7) Phenol-d6	7.075	99	2023252	83.327	ng	0.00
23) Nitrobenzene-d5	9.069	82	1161211	58.213	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	834963	101.413	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	2587497	52.176	ng	0.00
79) Terphenyl-d14	19.839	244	3545810	46.602	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.081	77	3829	Below Cal	#	13
32) Benzoic acid	10.010	122	87	6.102 ng	#	63
57) 2,4-Dinitrotoluene	15.098	165	30527	2.193 ng	#	40
84) Bis(2-ethylhexyl)phtha...	21.275	149	386535	7.425 ng	#	97

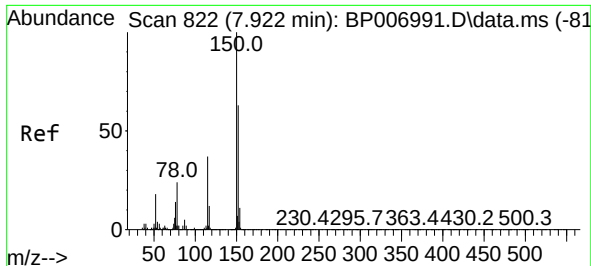
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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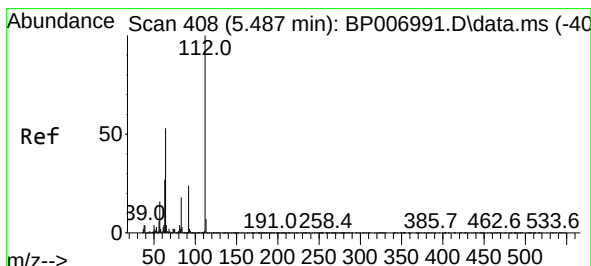
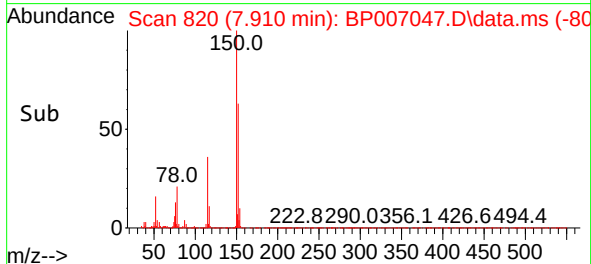
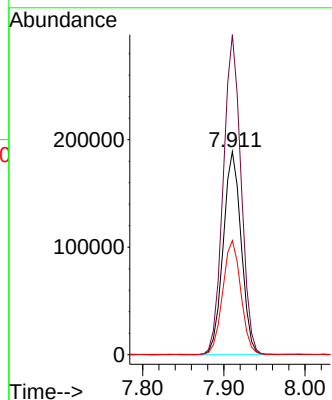
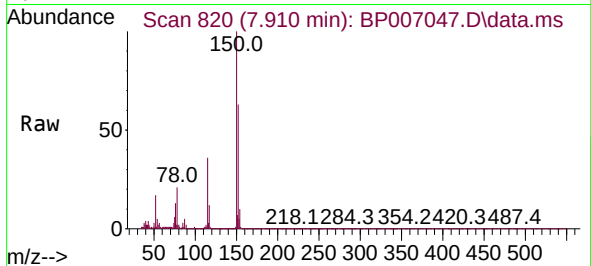




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

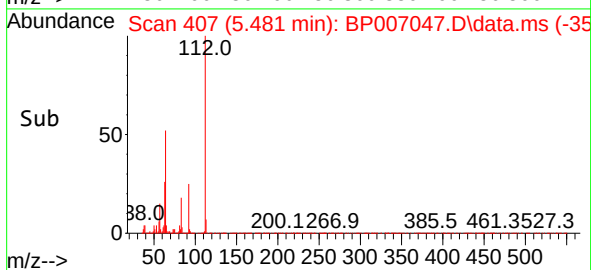
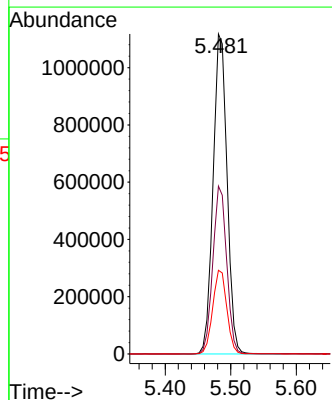
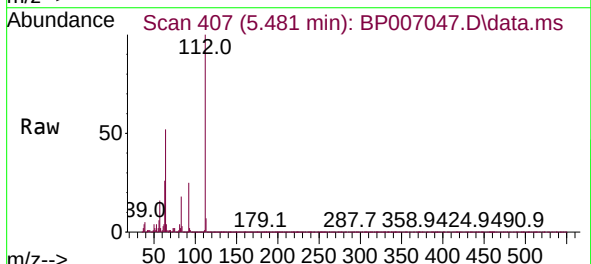
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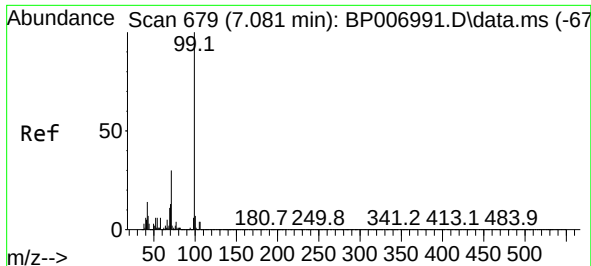
Tgt Ion:152 Resp: 290487
Ion Ratio Lower Upper
152 100
150 157.6 125.6 188.4
115 56.2 48.5 72.7



#5
2-Fluorophenol
Concen: 92.744 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion:112 Resp: 1649862
Ion Ratio Lower Upper
112 100
64 52.5 41.4 62.2
63 26.2 23.8 35.8

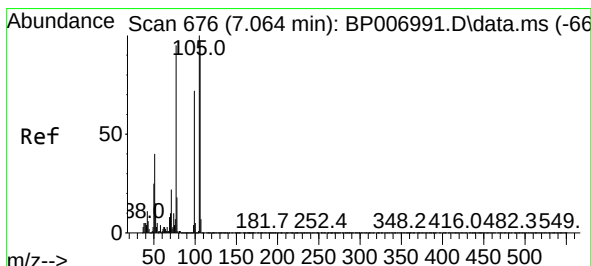
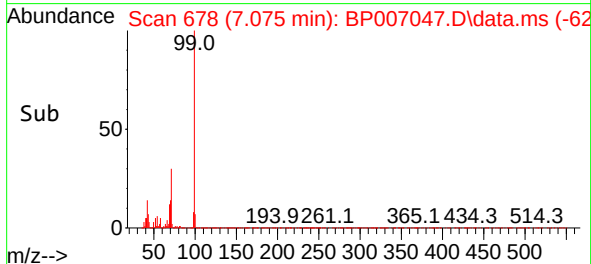
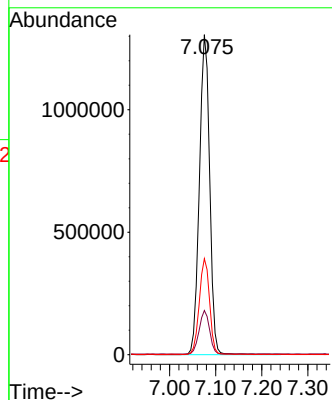
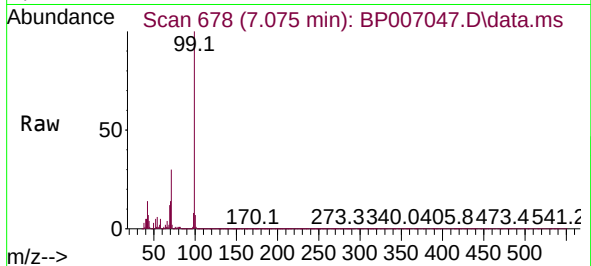




#7
Phenol-d6
Concen: 83.327 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

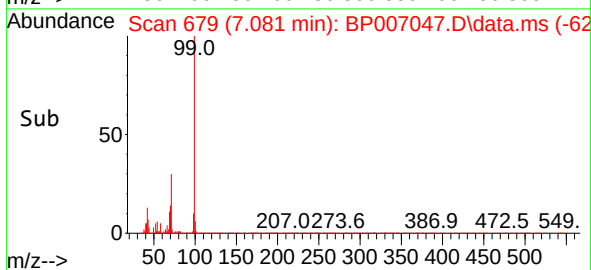
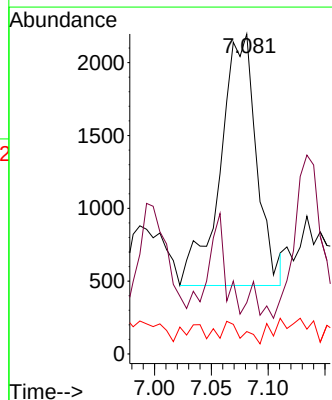
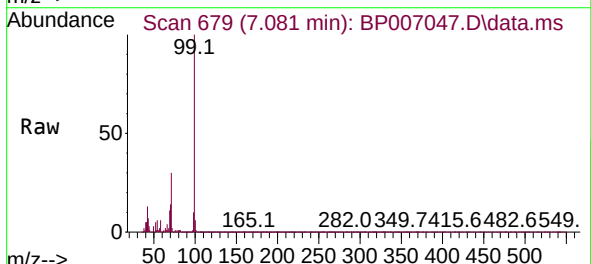
Instrument :
BNA_P
ClientSampleId :
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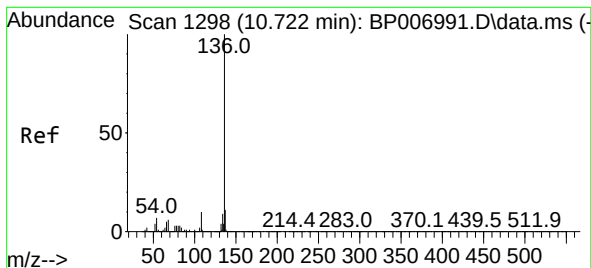
Tgt Ion: 99 Resp: 2023252
Ion Ratio Lower Upper
99 100
42 13.8 13.4 20.0
71 30.0 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.081 min Scan# 679
Delta R.T. 0.035 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion: 77 Resp: 3829
Ion Ratio Lower Upper
77 100
105 16.1 76.7 116.7#
106 7.0 76.2 116.2#

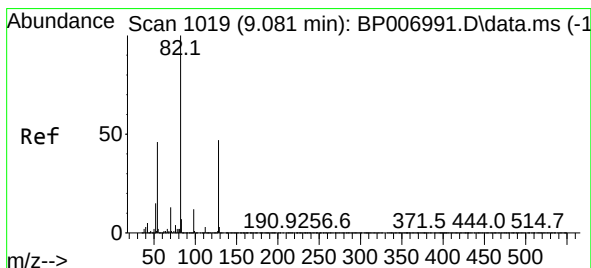
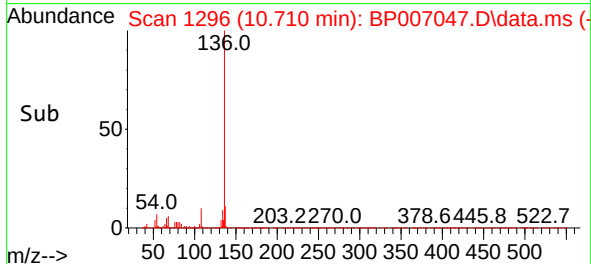
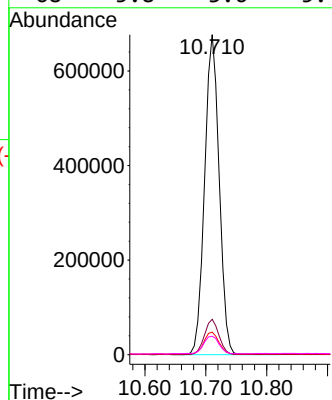
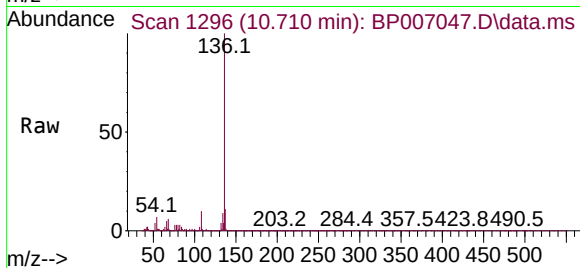




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

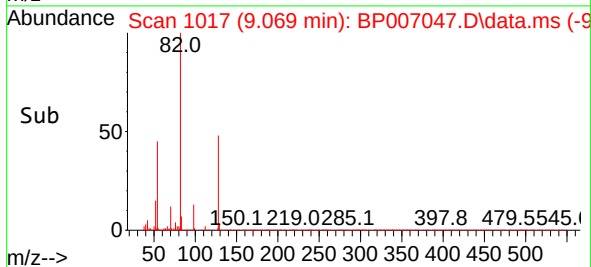
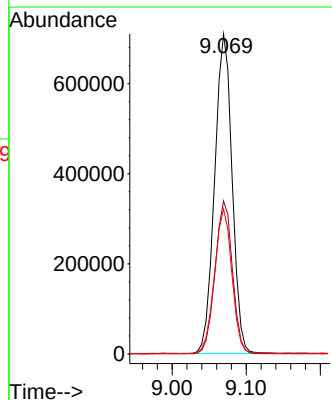
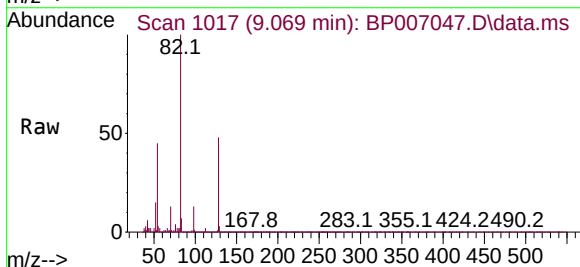
Instrument :
BNA_P
ClientSampleId :
NAPL-05-(20-22)

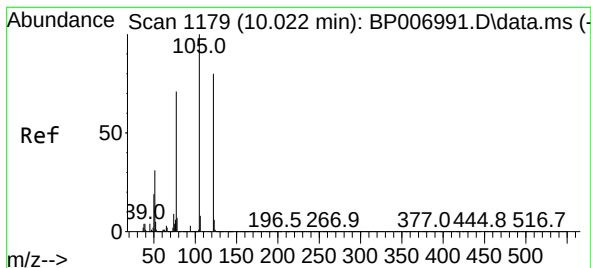
Tgt Ion:136 Resp: 1120355
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.0 4.6 6.8#
68 5.8 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 58.213 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion: 82 Resp: 1161211
Ion Ratio Lower Upper
82 100
128 47.9 35.7 53.5
54 45.3 35.0 52.4

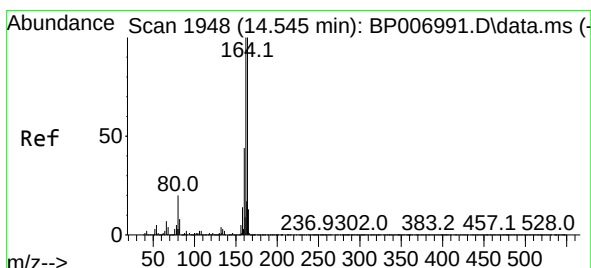
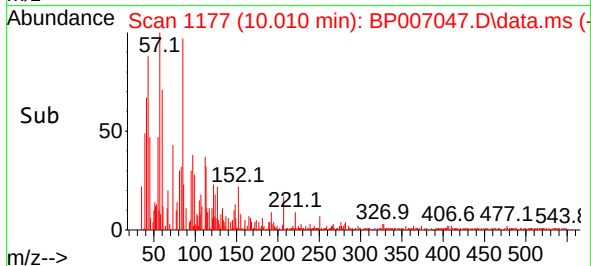
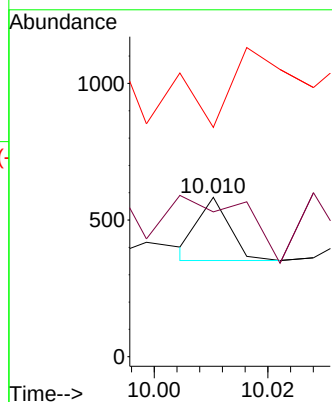
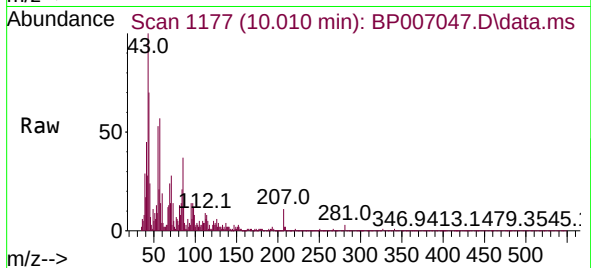




#32
Benzoic acid
Concen: 6.102 ng
RT: 10.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

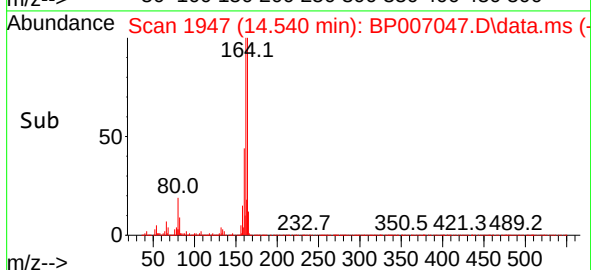
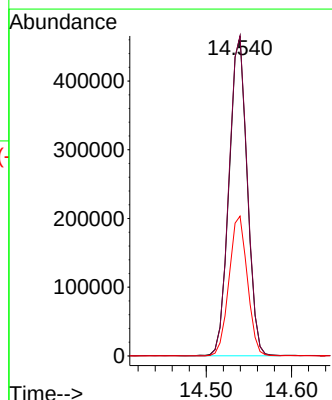
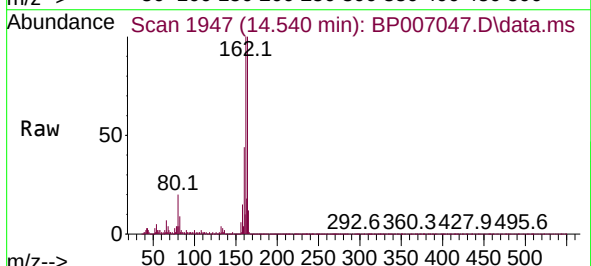
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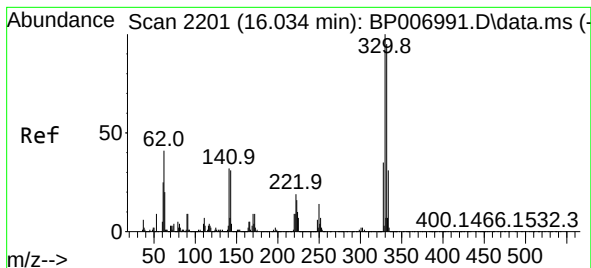
Tgt Ion:122 Resp: 87
Ion Ratio Lower Upper
122 100
105 90.9 103.2 143.2#
77 143.9 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion:164 Resp: 684613
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 43.7 34.5 51.7

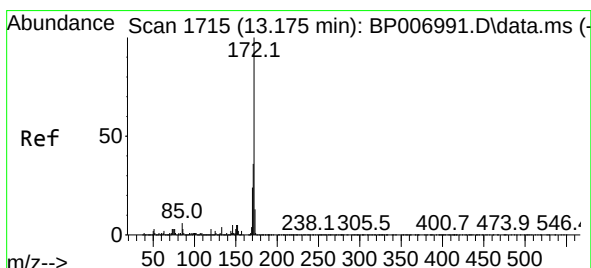
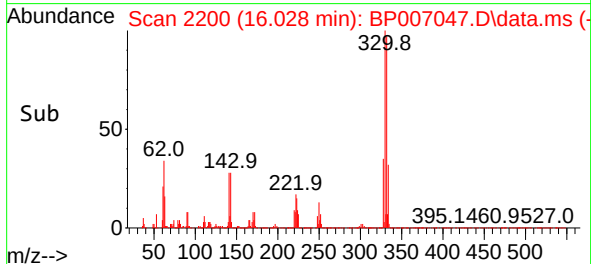
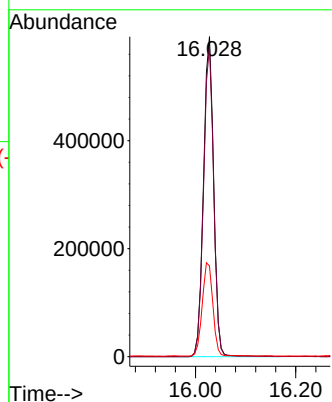
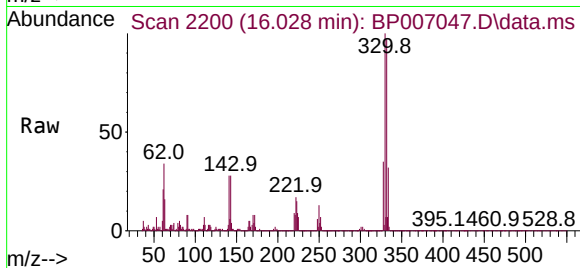




#42
2,4,6-Tribromophenol
Concen: 101.413 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

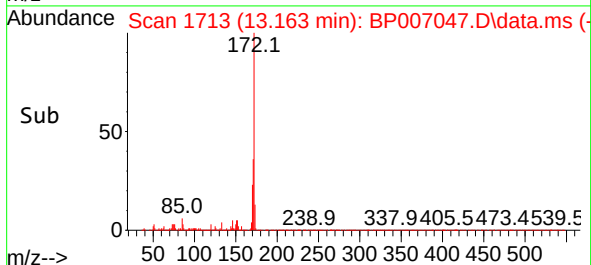
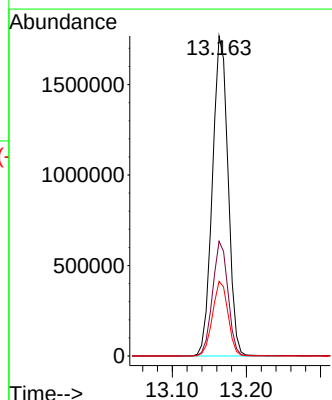
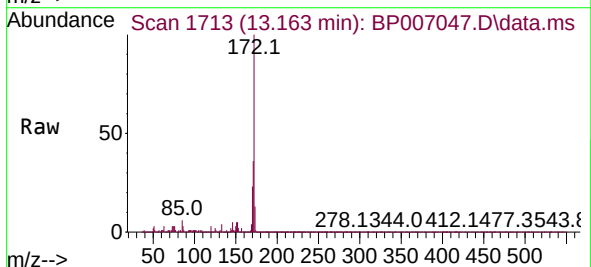
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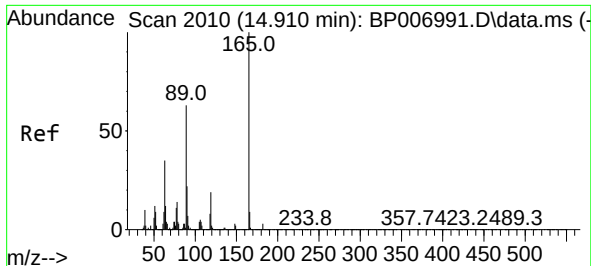
Tgt Ion:330 Resp: 834963
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 30.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 52.176 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion:172 Resp: 2587497
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.3 18.6 27.8

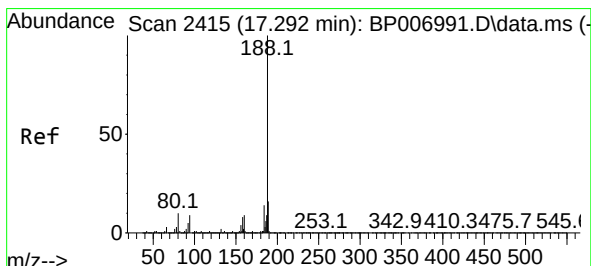
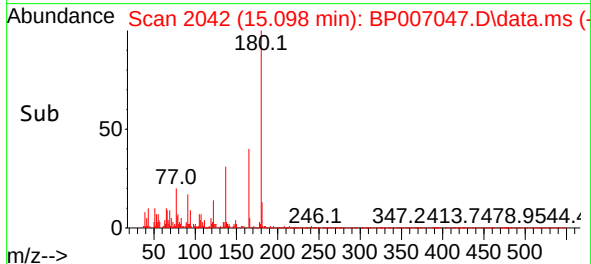
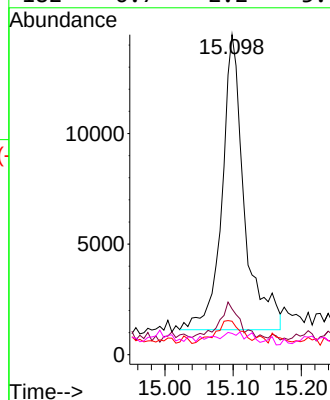
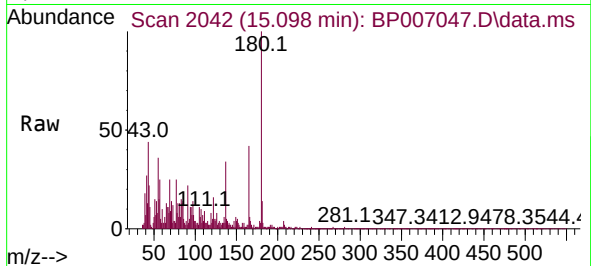




#57
2,4-Dinitrotoluene
Concen: 2.193 ng
RT: 15.098 min Scan# 2042
Delta R.T. 0.200 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

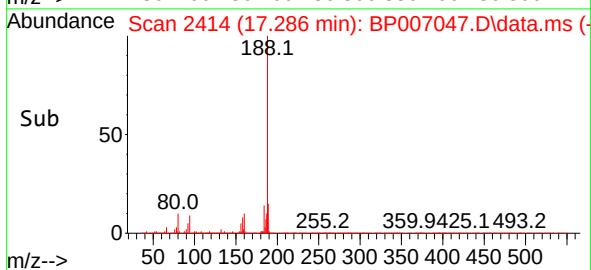
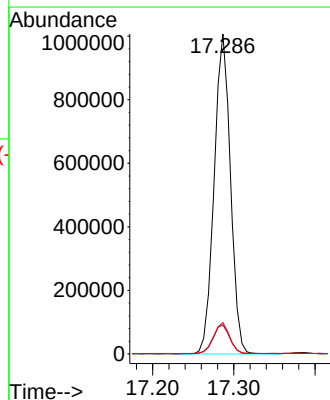
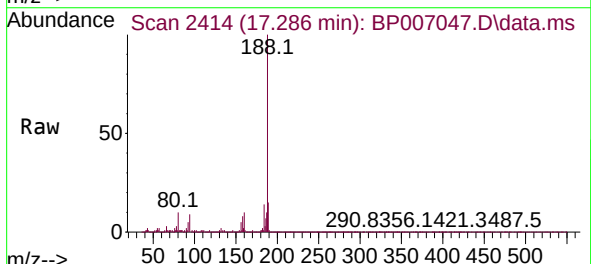
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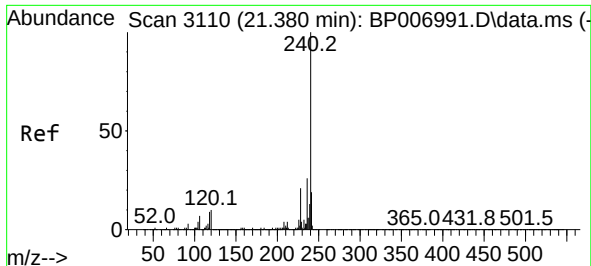
Tgt Ion:165 Resp: 30527
Ion Ratio Lower Upper
165 100
63 14.3 32.3 48.5#
89 10.4 55.9 83.9#
182 6.7 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion:188 Resp: 1401982
Ion Ratio Lower Upper
188 100
94 9.1 5.6 8.4#
80 9.8 6.3 9.5#

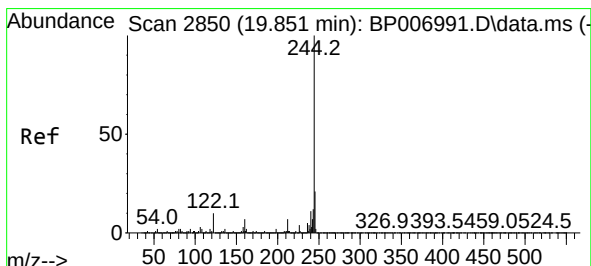
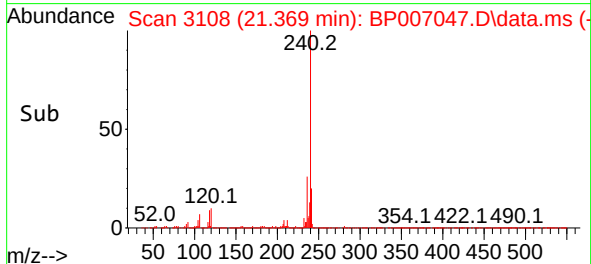
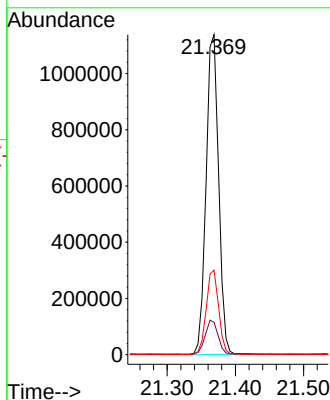
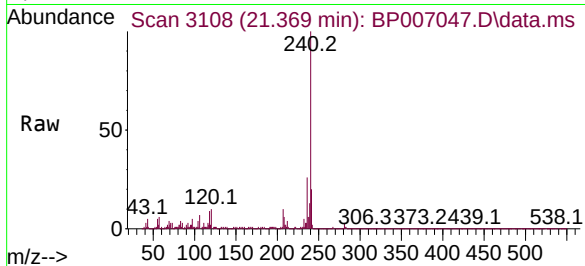




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

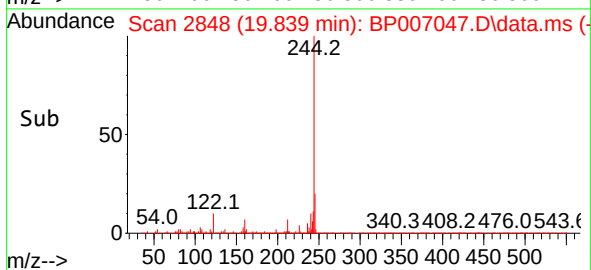
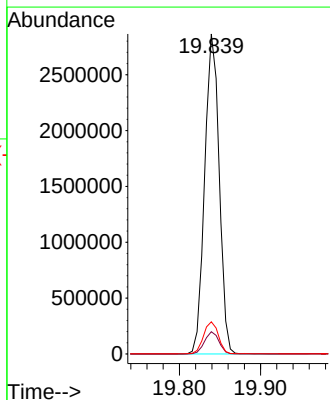
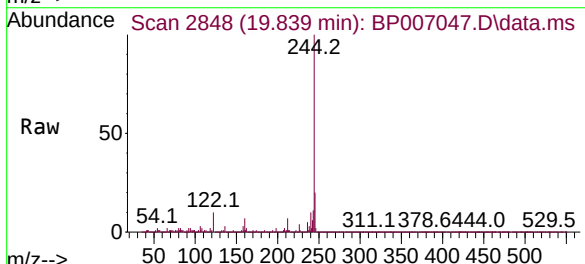
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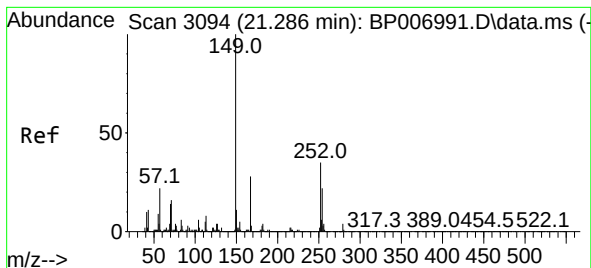
Tgt Ion:240 Resp: 1459823
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 26.4 20.6 31.0



#79
Terphenyl-d14
Concen: 46.602 ng
RT: 19.839 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion:244 Resp: 3545810
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.1 7.1 10.7

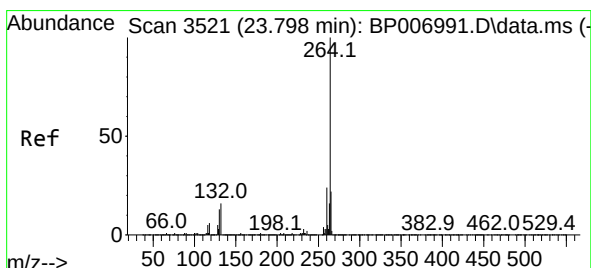
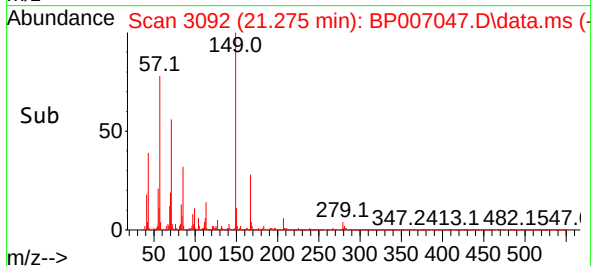
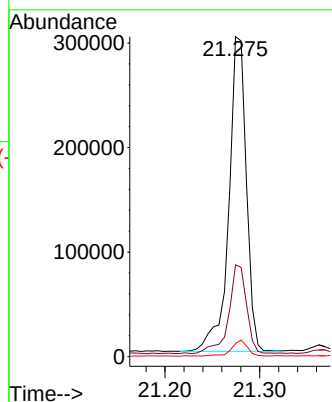
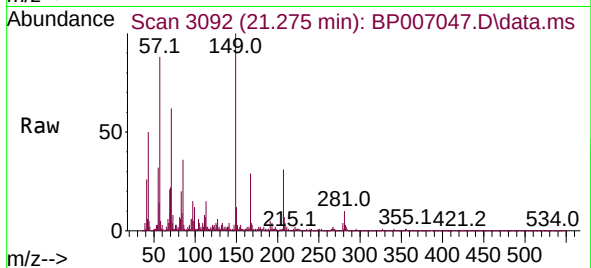




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.425 ng
RT: 21.275 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:149 Resp: 386535
Ion Ratio Lower Upper
149 100
167 28.7 21.9 32.9
279 4.2 4.3 6.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. 0.006 min
Lab File: BP007047.D
Acq: 20 Sep 2021 12:15

Tgt Ion:264 Resp: 1617620
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.1 17.6 26.4

