

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007103.D
 Acq On : 22 Sep 2021 18:02
 Operator : CG/JU
 Sample : M3835-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

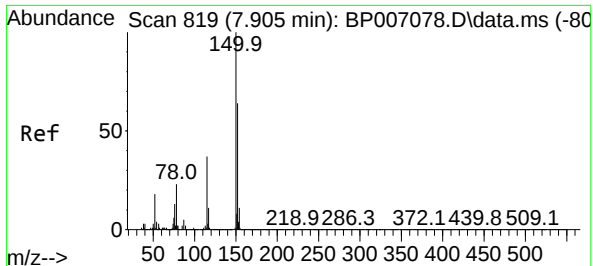
Instrument :
 BNA_P
 ClientSampleId :
 SW-RR-02-(1.0)

Quant Time: Sep 22 18:29:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	273905	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1087582	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	686679	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1406707	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1357475	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	1421861	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	834305	50.988	ng	0.00
7) Phenol-d6	7.063	99	627781	28.071	ng	0.00
23) Nitrobenzene-d5	9.057	82	1500140	80.327	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	1135329	127.530	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	3837415	80.060	ng	0.00
79) Terphenyl-d14	19.833	244	5491848	77.525	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.087	94	57616	2.672	ng	93
11) bis(2-Chloroethyl)ether	7.228	93	35774	2.102	ng	# 30
20) 3+4-Methylphenols	8.663	107	365653	18.193	ng	87
27) 2,4-Dimethylphenol	9.957	122	38760	2.651	ng	# 3
28) bis(2-Chloroethoxy)met...	10.146	93	62199	2.707	ng	# 1
31) Naphthalene	10.746	128	746831	13.455	ng	99
32) Benzoic acid	10.146	122	1599159	142.329	ng	# 22
33) 4-Chloroaniline	10.746	127	97586	4.256	ng	# 31

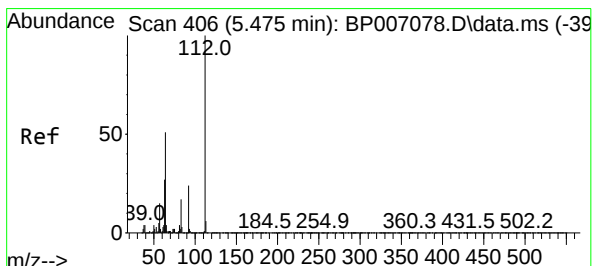
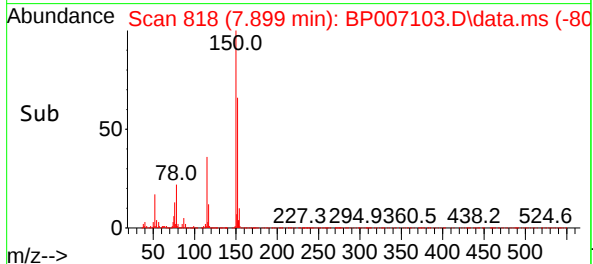
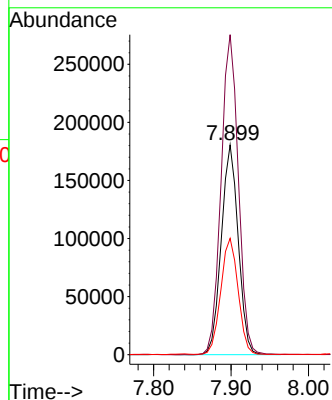
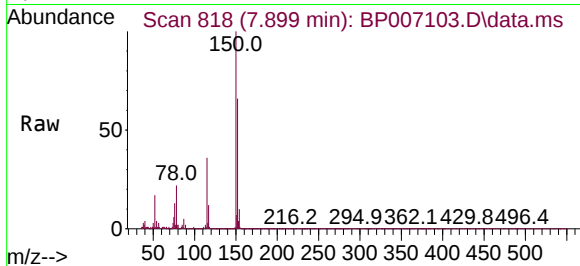
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007103.D
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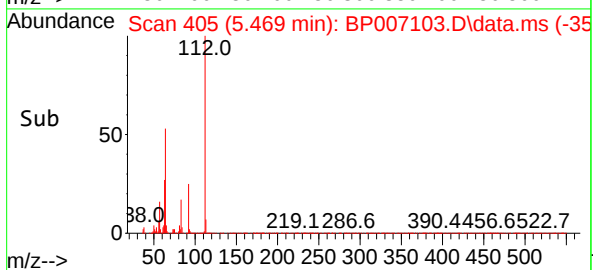
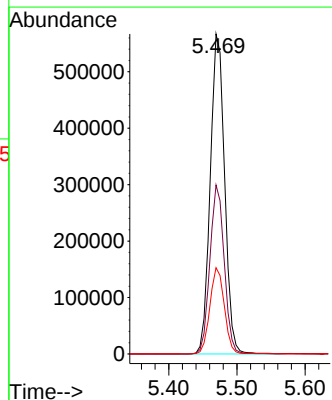
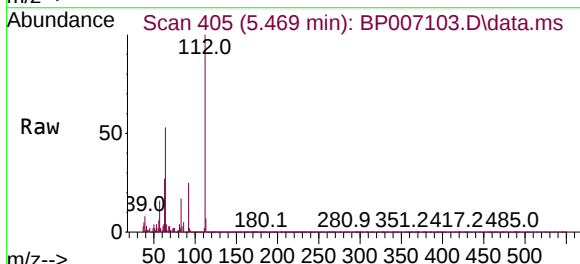
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

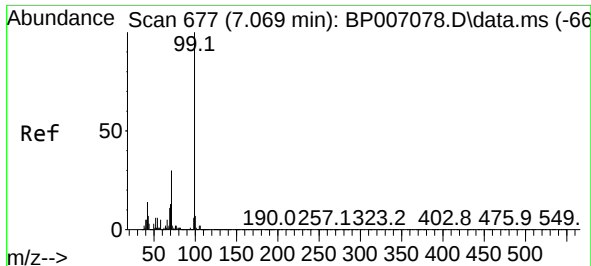
Tgt Ion:152 Resp: 273905
Ion Ratio Lower Upper
152 100
150 152.6 125.6 188.4
115 55.4 48.5 72.7



#5
2-Fluorophenol
Concen: 50.988 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion:112 Resp: 834305
Ion Ratio Lower Upper
112 100
64 52.8 41.4 62.2
63 27.0 23.8 35.8

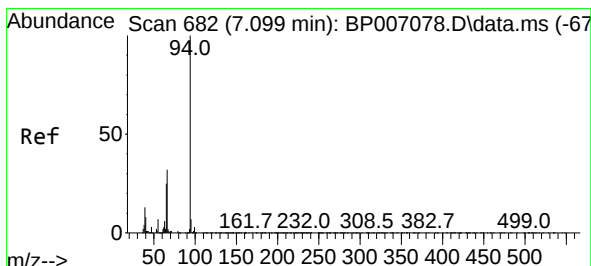
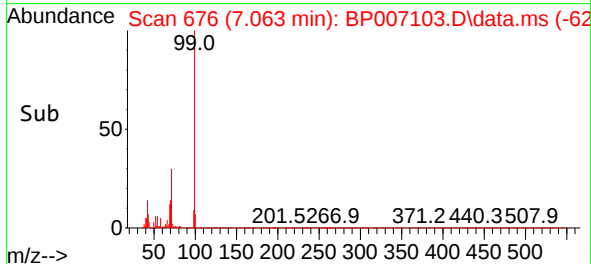
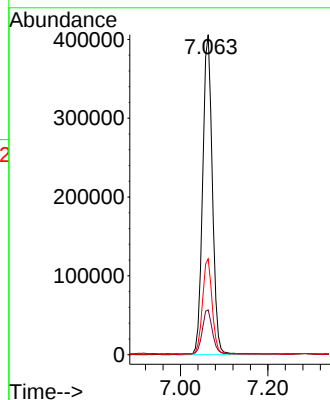
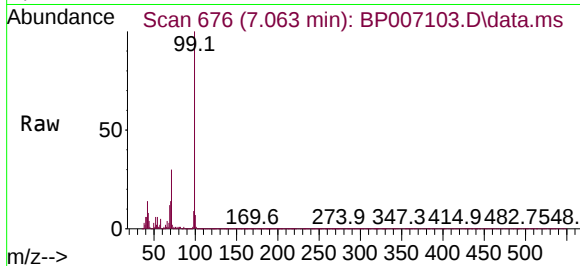




#7
Phenol-d6
Concen: 28.071 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

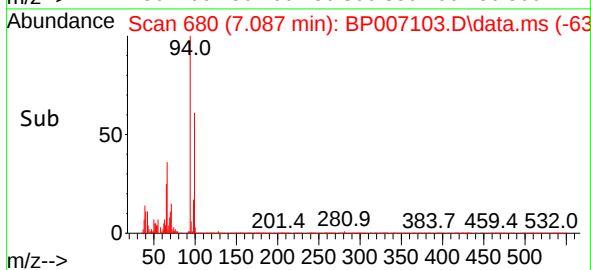
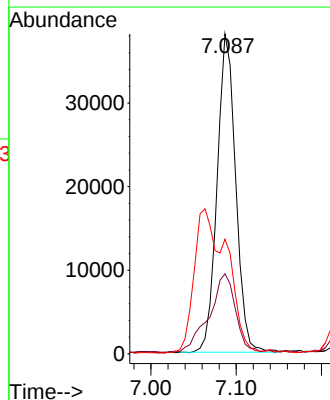
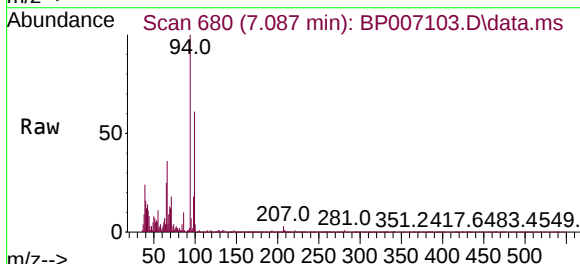
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

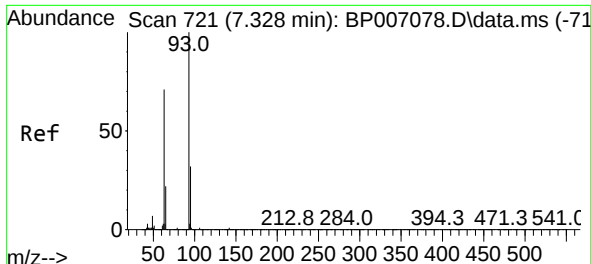
Tgt Ion: 99 Resp: 627781
Ion Ratio Lower Upper
99 100
42 14.0 13.4 20.0
71 30.0 30.6 46.0#



#10
Phenol
Concen: 2.672 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.012 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion: 94 Resp: 57616
Ion Ratio Lower Upper
94 100
65 25.0 8.8 48.8
66 35.9 20.7 60.7

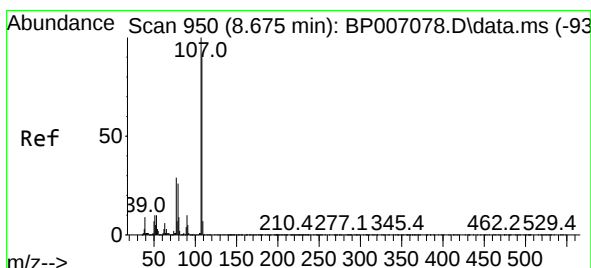
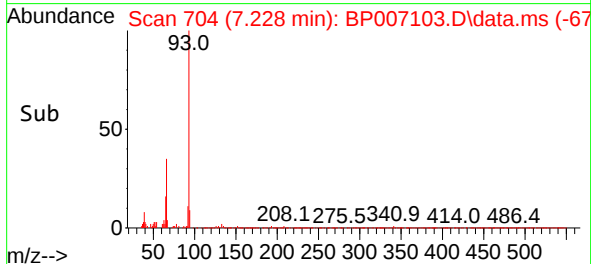
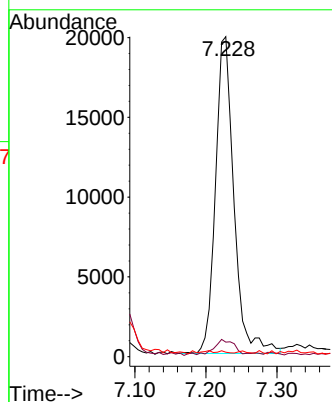
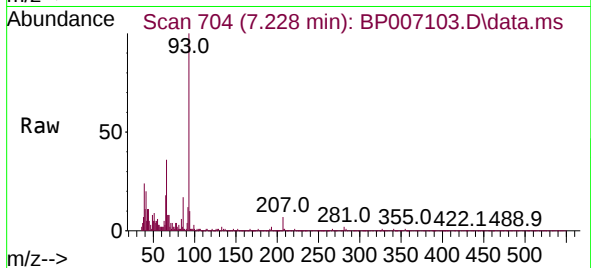




#11
bis(2-Chloroethyl)ether
Concen: 2.102 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.100 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

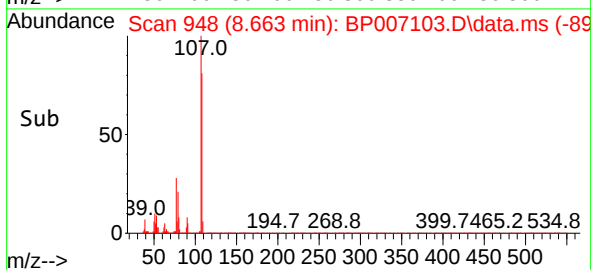
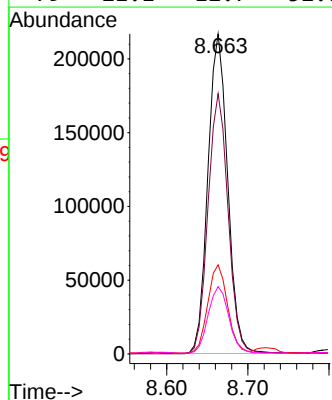
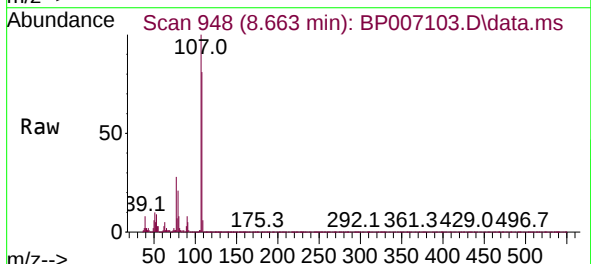
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

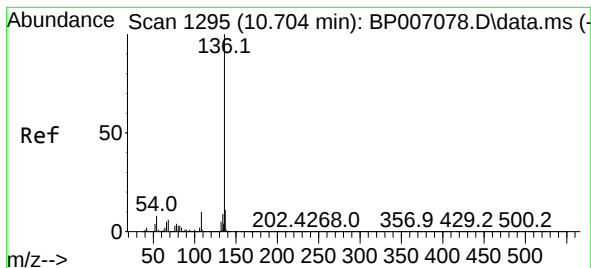
Tgt Ion: 93 Resp: 35774
Ion Ratio Lower Upper
93 100
63 4.6 46.2 86.2#
95 1.4 12.2 52.2#



#20
3+4-Methylphenols
Concen: 18.193 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.012 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion:107 Resp: 365653
Ion Ratio Lower Upper
107 100
108 81.4 71.0 111.0
77 27.9 16.6 56.6
79 21.1 12.7 52.7



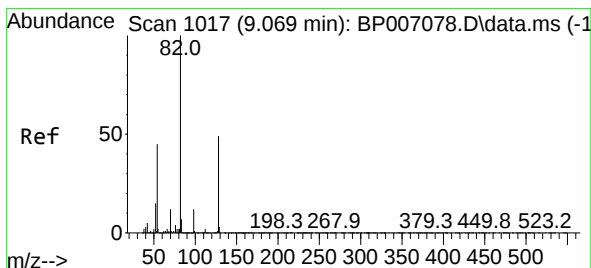
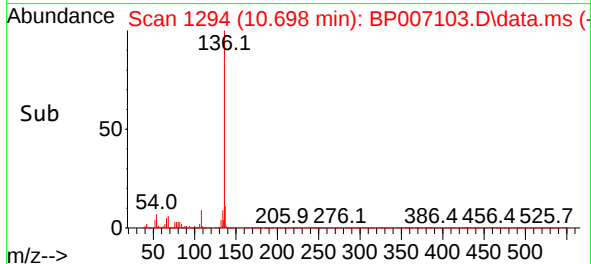
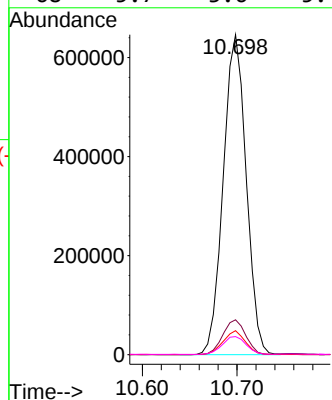
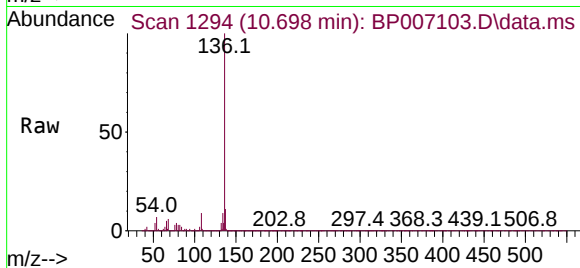


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

Tgt Ion:136 Resp: 1087582

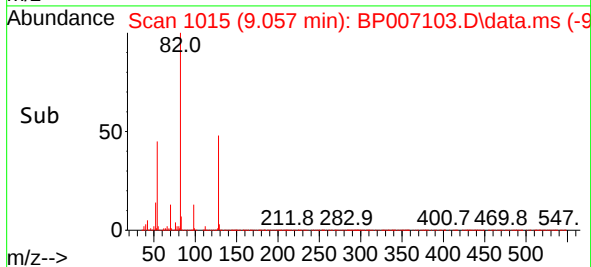
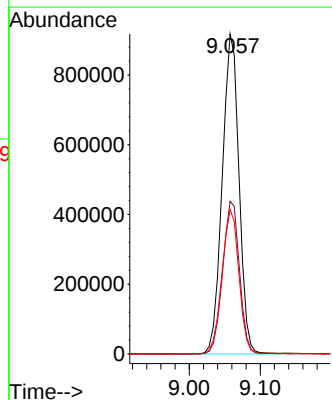
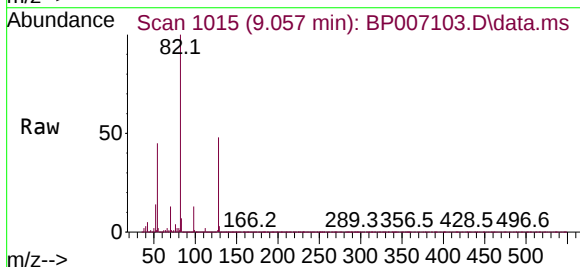
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.5	4.6	6.8#
68	5.7	3.6	5.4#

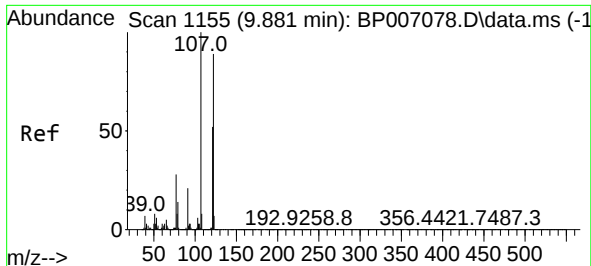


#23
Nitrobenzene-d5
Concen: 80.327 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion: 82 Resp: 1500140

Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.7	53.5
54	45.1	35.0	52.4





#27

2,4-Dimethylphenol

Concen: 2.651 ng

RT: 9.957 min Scan# 1168

Delta R.T. 0.076 min

Lab File: BP007103.D

Acq: 22 Sep 2021 18:02

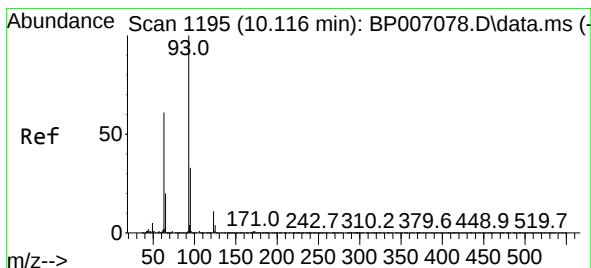
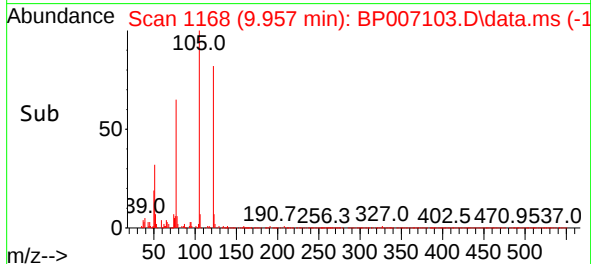
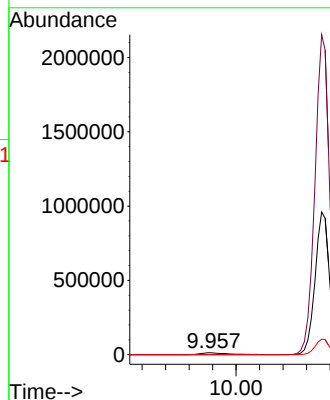
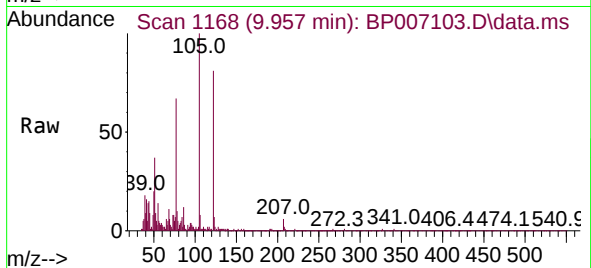
Instrument :

BNA_P

ClientSampleId :

SW-RR-02-(1.0)

Tgt Ion:	122	Resp:	38760
Ion	Ratio	Lower	Upper
122	100		
107	1.7	94.5	141.7#
121	0.0	47.4	71.2#



#28

bis(2-Chloroethoxy)methane

Concen: 2.707 ng

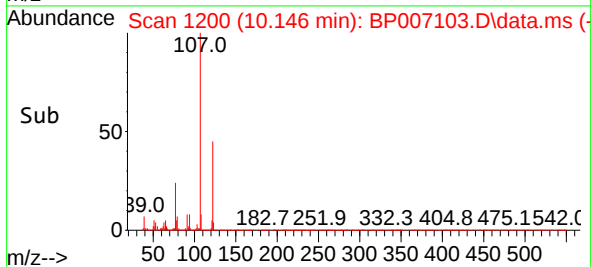
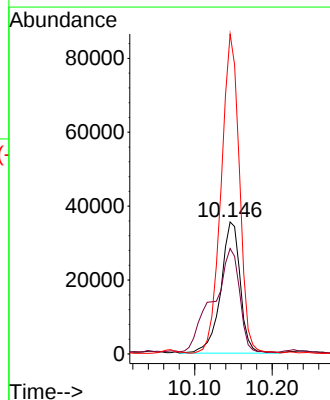
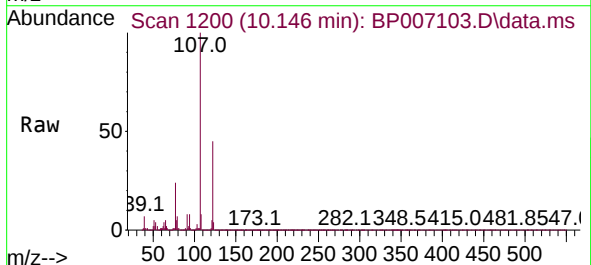
RT: 10.146 min Scan# 1200

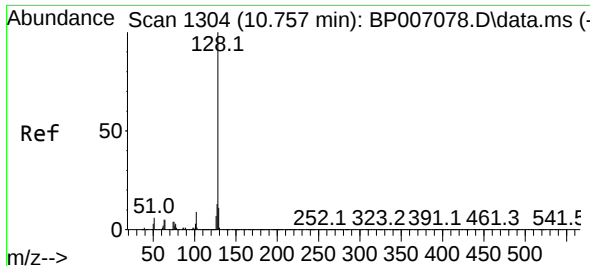
Delta R.T. 0.029 min

Lab File: BP007103.D

Acq: 22 Sep 2021 18:02

Tgt Ion:	93	Resp:	62199
Ion	Ratio	Lower	Upper
93	100		
95	79.9	25.9	38.9#
123	242.3	10.2	15.2#

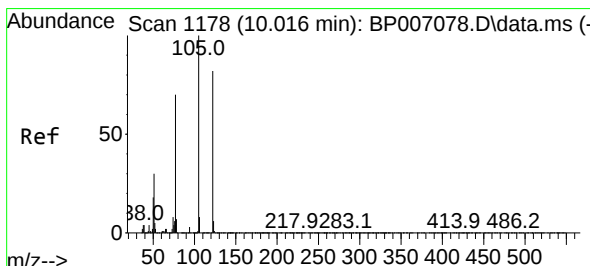
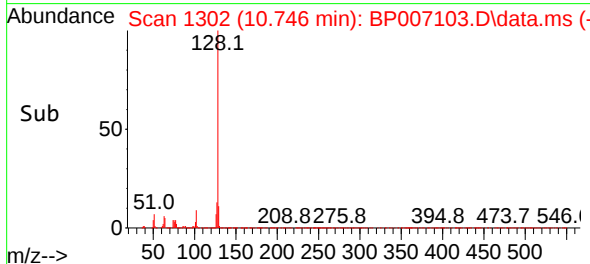
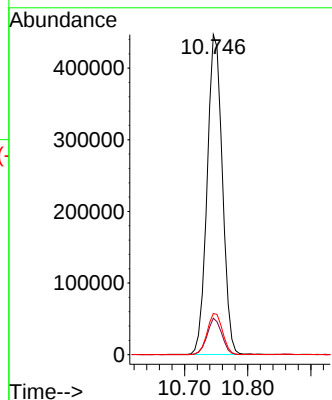
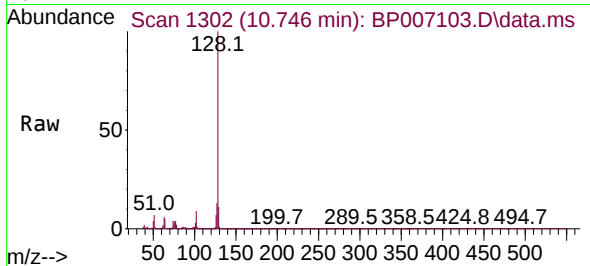




#31
Naphthalene
Concen: 13.455 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.012 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

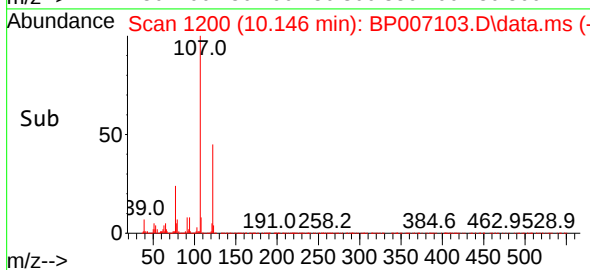
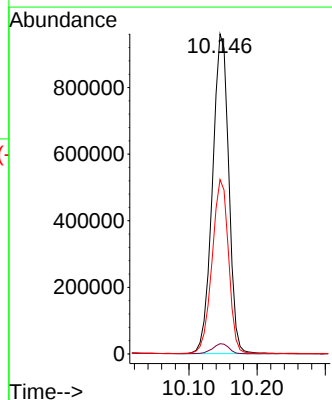
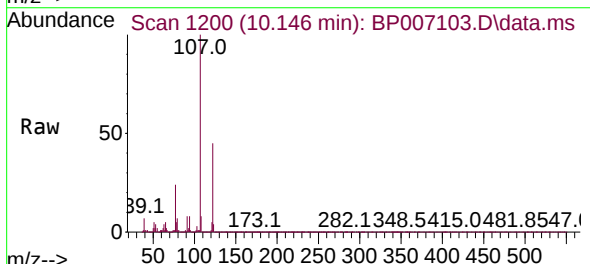
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BNA_P
ClientSampleId :
SW-RR-02-(1.0)

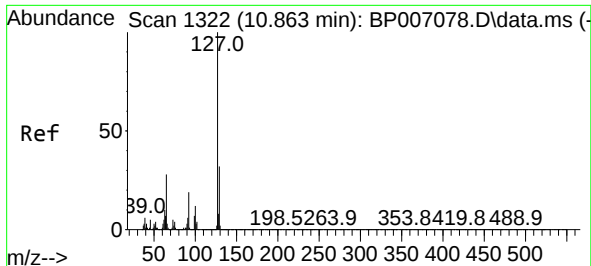
Tgt Ion:128 Resp: 746831
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 12.9 10.7 16.1



#32
Benzoic acid
Concen: 142.329 ng
RT: 10.146 min Scan# 1200
Delta R.T. 0.130 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion:122 Resp: 1599159
Ion Ratio Lower Upper
122 100
105 3.2 103.2 143.2#
77 54.5 76.2 116.2#

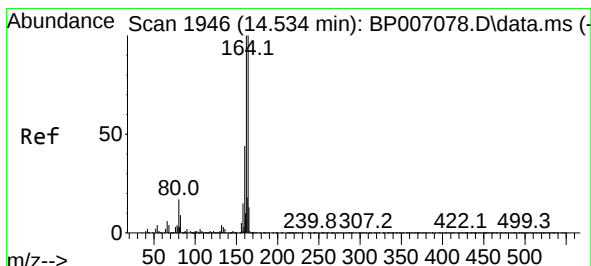
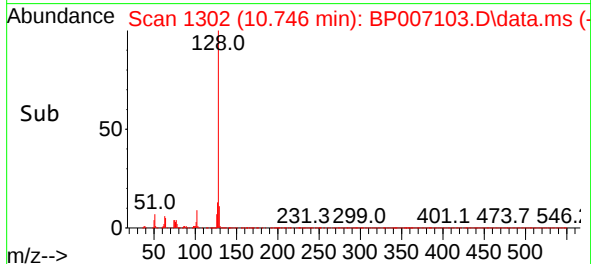
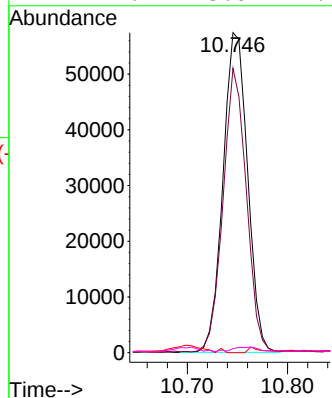
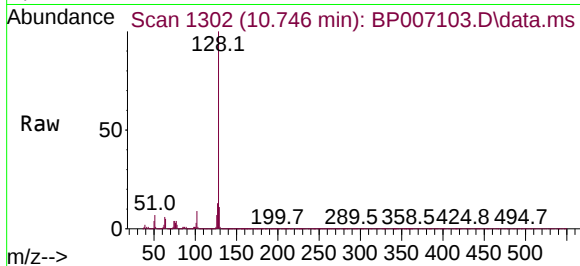




#33
4-Chloroaniline
Concen: 4.256 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.118 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

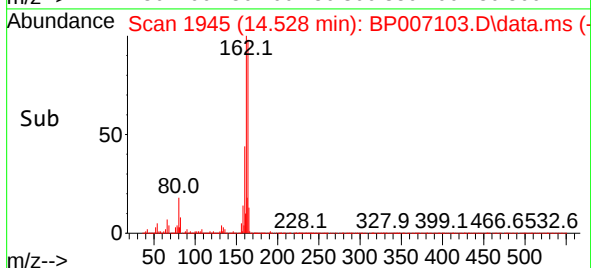
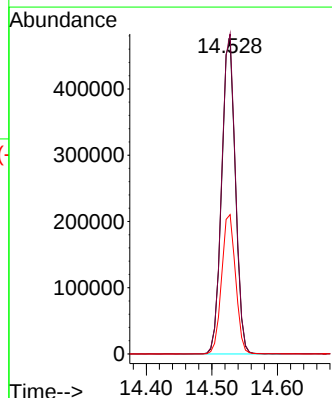
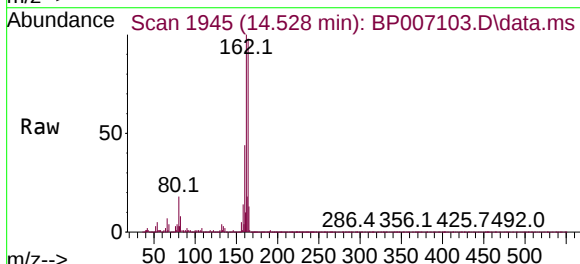
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

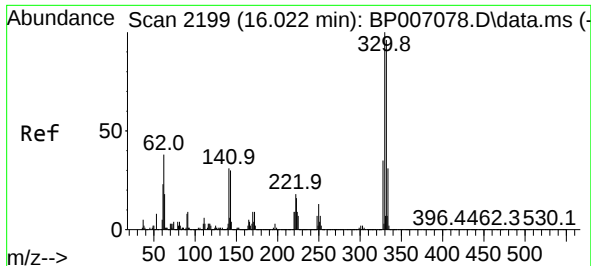
Tgt Ion:	127	Resp:	97586
Ion Ratio	Lower	Upper	
127	100		
129	88.8	26.1	39.1#
65	0.0	22.5	33.7#
92	1.2	15.0	22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion:	164	Resp:	686679
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.2	120.2
160	44.5	34.5	51.7

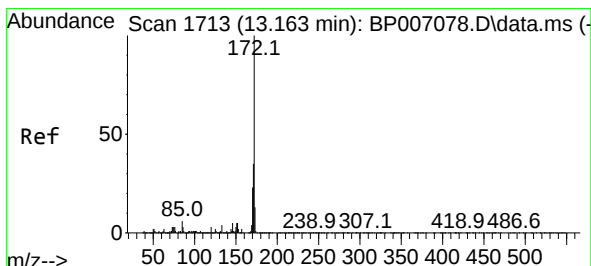
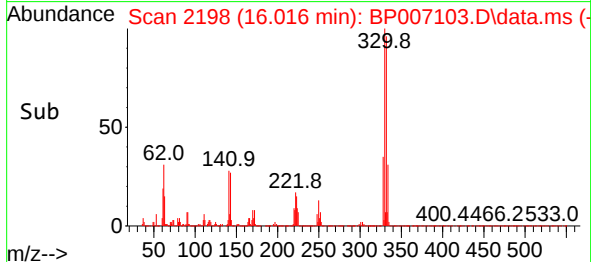
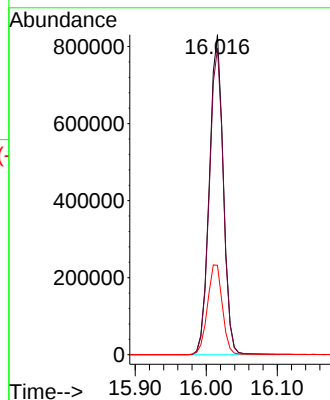
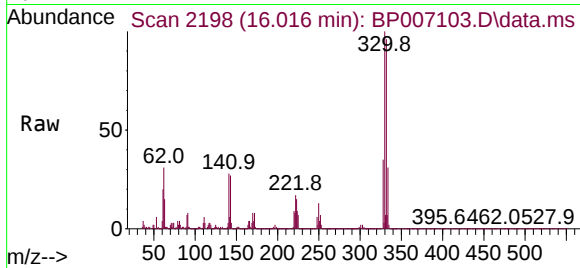




#42
2,4,6-Tribromophenol
Concen: 127.530 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

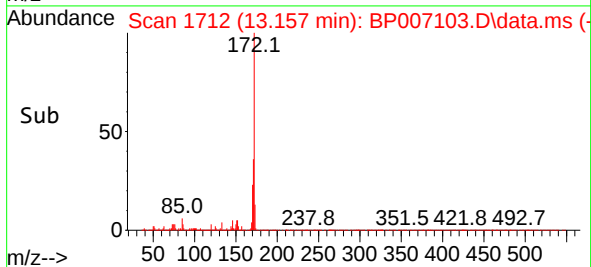
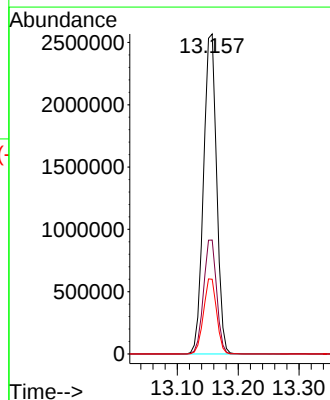
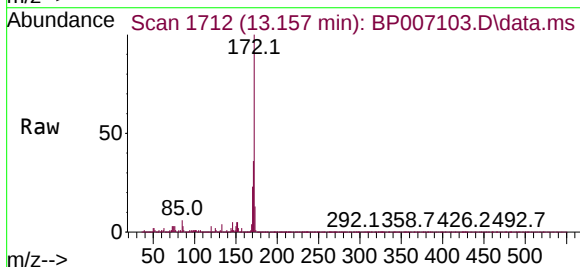
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

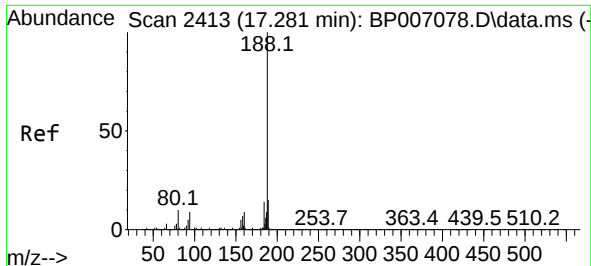
Tgt Ion:330 Resp: 1135329
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 80.060 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion:172 Resp: 3837415
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.4 18.6 27.8

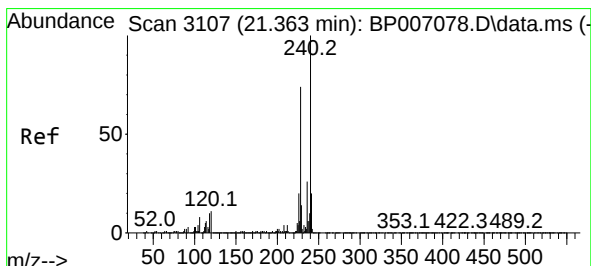
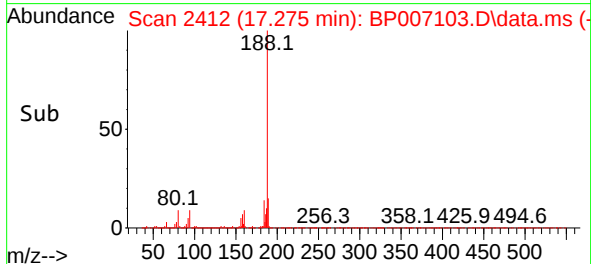
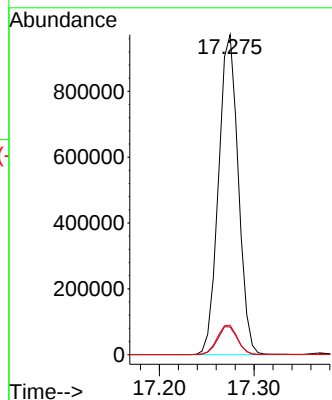
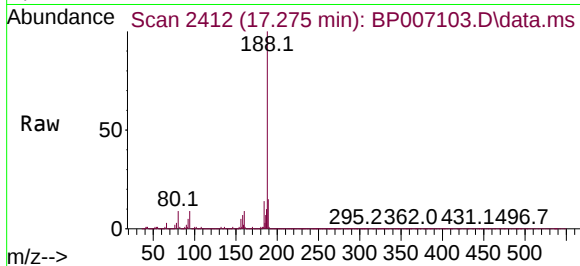




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

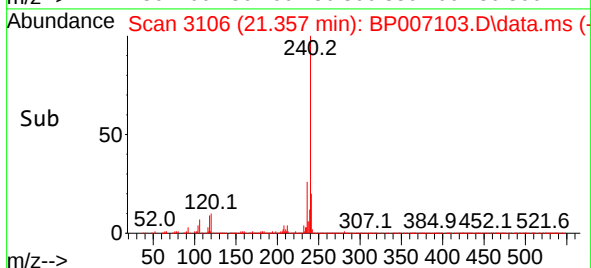
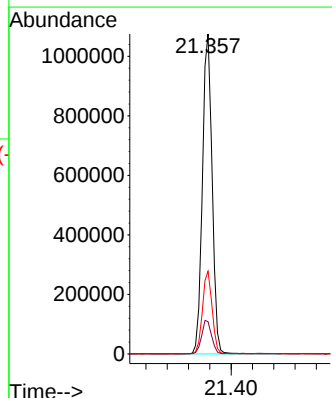
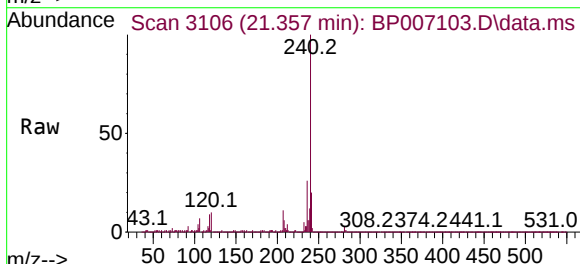
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

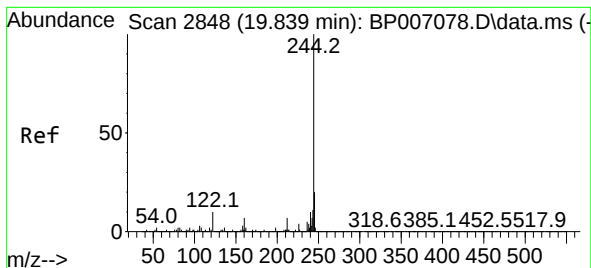
Tgt Ion:188 Resp: 1406707
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP007103.D
Acq: 22 Sep 2021 18:02

Tgt Ion:240 Resp: 1357475
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 77.525 ng

RT: 19.833 min Scan# 2847

Delta R.T. -0.006 min

Lab File: BP007103.D

Acq: 22 Sep 2021 18:02

Instrument :

BNA_P

ClientSampleId :

SW-RR-02-(1.0)

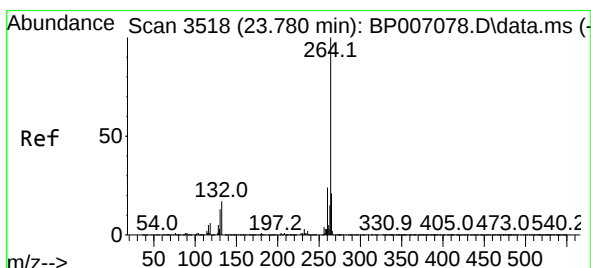
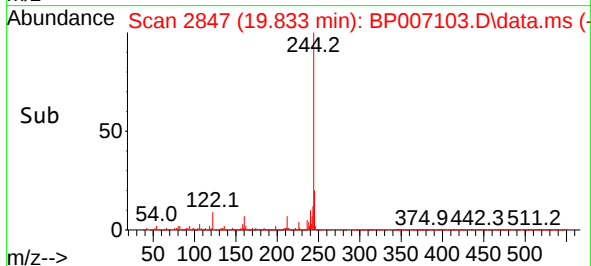
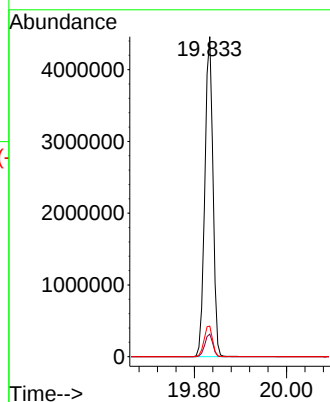
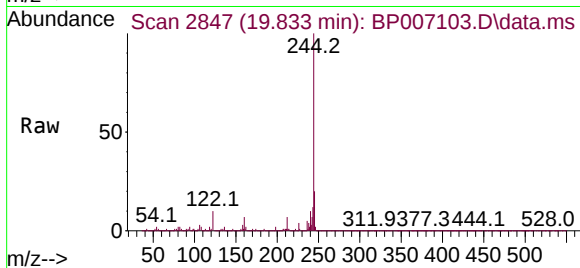
Tgt Ion:244 Resp: 5491848

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BP007103.D

Acq: 22 Sep 2021 18:02

Tgt Ion:264 Resp: 1421861

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.7 17.6 26.4

