

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008259.D
 Acq On : 07 Dec 2021 20:06
 Operator : CG/JU
 Sample : M4932-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM1-2

Quant Time: Dec 08 01:10:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

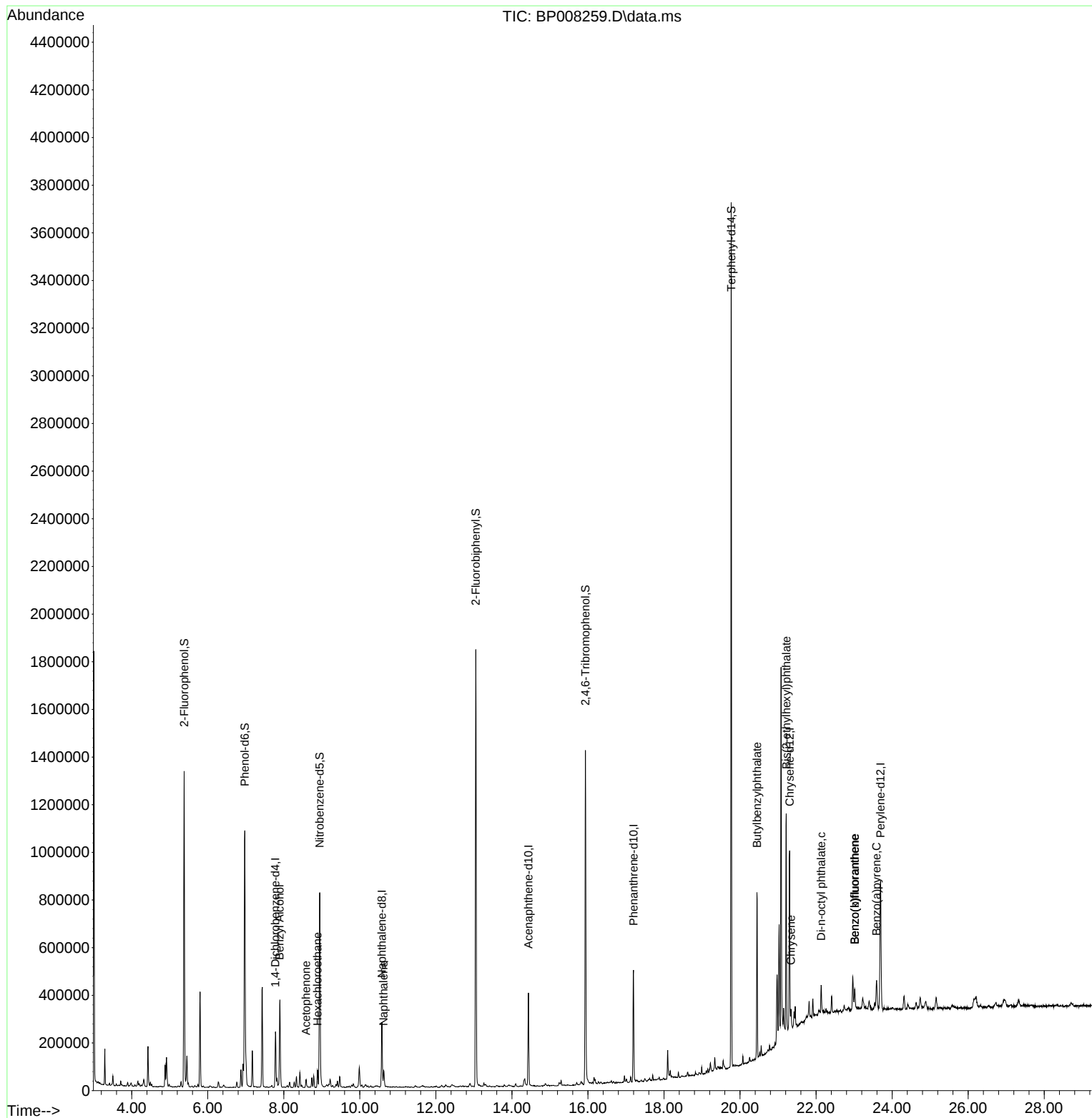
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	59393	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	210690	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	131373	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	285426	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	352640	20.000	ng	-0.01
86) Perylene-d12	23.692	264	426810	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	518847	140.655	ng	0.00
7) Phenol-d6	6.975	99	611520	122.805	ng	-0.01
23) Nitrobenzene-d5	8.946	82	482184	104.070	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	270660	161.187	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	913456	100.997	ng	-0.02
79) Terphenyl-d14	19.769	244	1597636	94.684	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.934	77	7637	Below Cal	#	1
15) Benzyl Alcohol	7.893	79	21262	5.389 ng	#	16
18) Hexachloroethane	8.887	117	7907	4.812 ng	#	1
22) Acetophenone	8.587	105	21006	3.645 ng	#	59
31) Naphthalene	10.628	128	47819	4.431 ng		95
78) Pyrene	19.574	202	9726	Below Cal		93
80) Butylbenzylphthalate	20.445	149	199085	19.826 ng		99
83) Chrysene	21.339	228	47008	2.114 ng		98
84) Bis(2-ethylhexyl)phtha...	21.215	149	327534	21.483 ng		100
85) Di-n-octyl phthalate	22.133	149	104705	4.043 ng		98
88) Benzo(b)fluoranthene	23.015	252	72755	2.828 ng		98
89) Benzo(k)fluoranthene	23.015	252	72755	2.888 ng		98
90) Benzo(a)pyrene	23.592	252	54425	2.475 ng	#	92

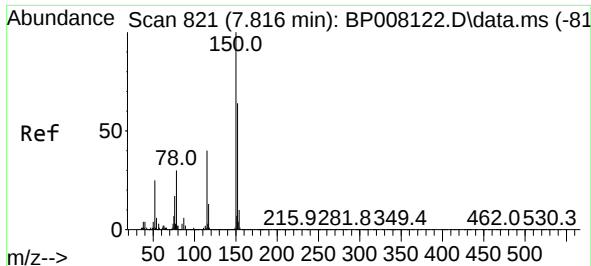
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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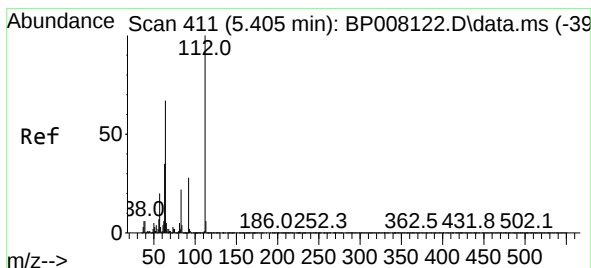
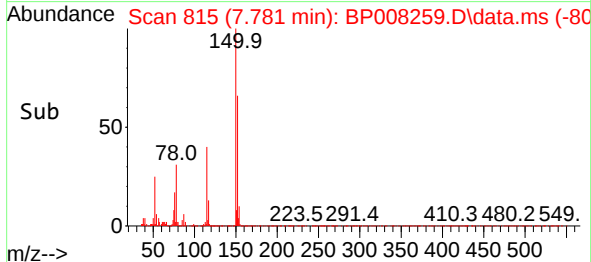
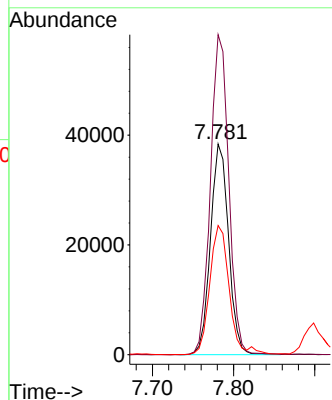
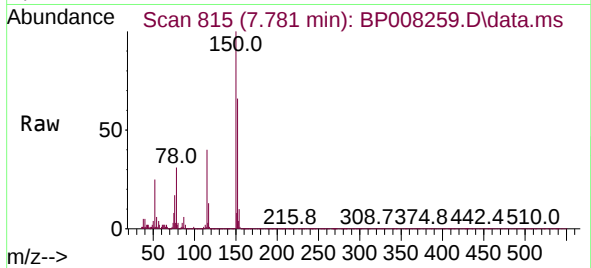




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

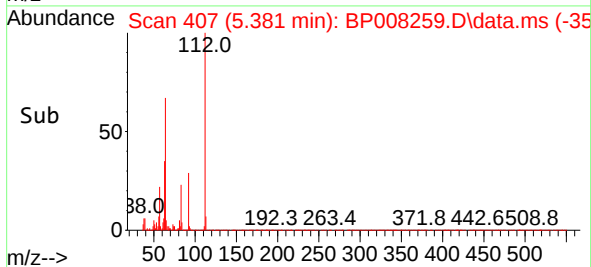
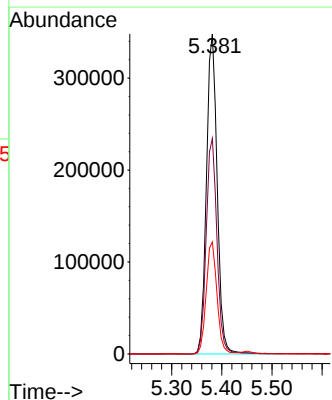
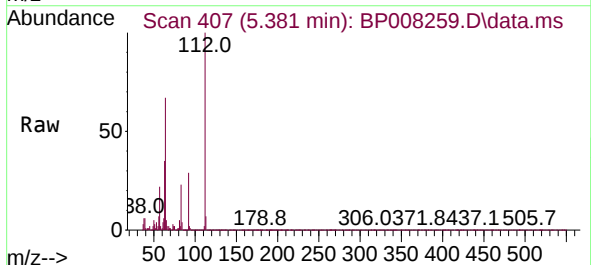
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

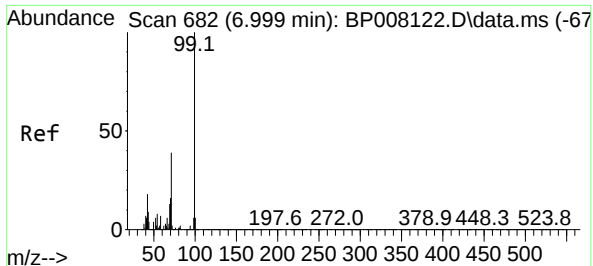
Tgt Ion:152 Resp: 59393
Ion Ratio Lower Upper
152 100
150 151.9 125.7 188.5
115 61.3 50.7 76.1



#5
2-Fluorophenol
Concen: 140.655 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:112 Resp: 518847
Ion Ratio Lower Upper
112 100
64 67.4 53.4 80.2
63 35.0 27.8 41.8

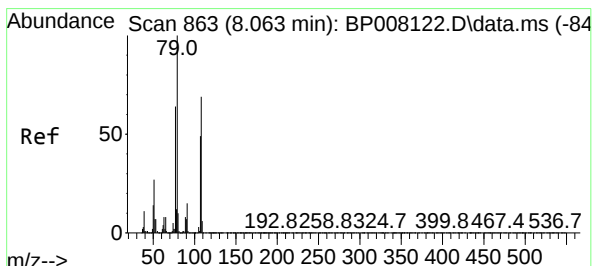
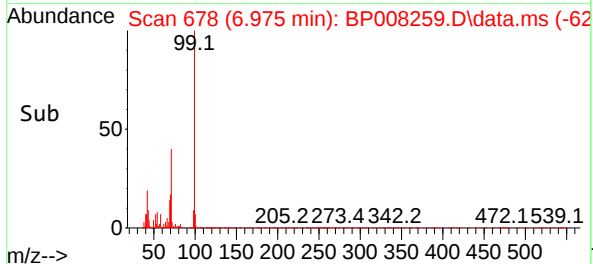
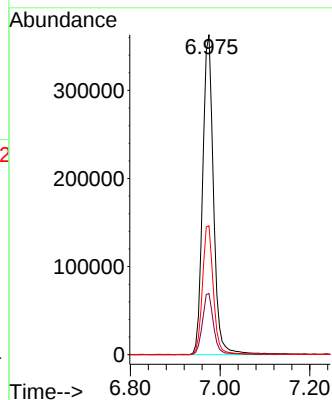
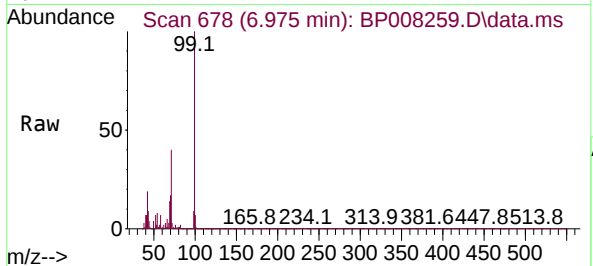




#7
Phenol-d6
Concen: 122.805 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

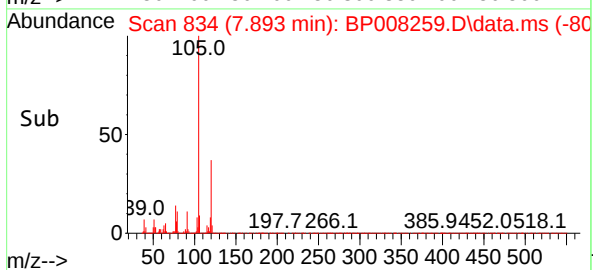
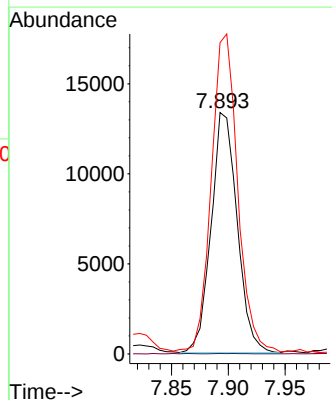
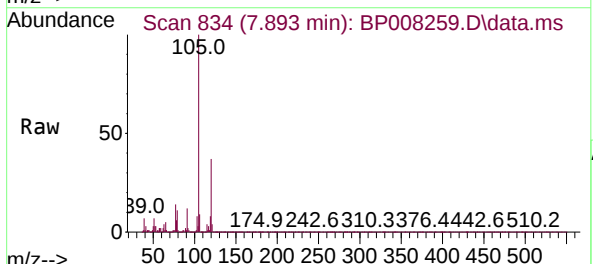
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

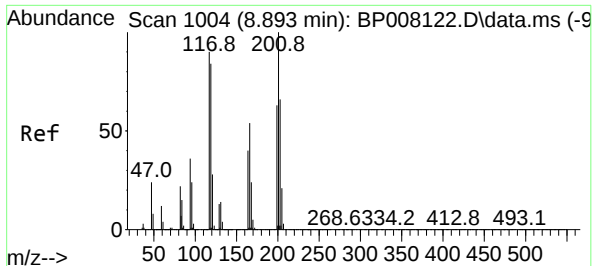
Tgt Ion: 99 Resp: 611520
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 40.2 31.1 46.7



#15
Benzyl Alcohol
Concen: 5.389 ng
RT: 7.893 min Scan# 834
Delta R.T. -0.153 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion: 79 Resp: 21262
Ion Ratio Lower Upper
79 100
108 0.2 55.5 83.3#
77 129.0 51.0 76.6#

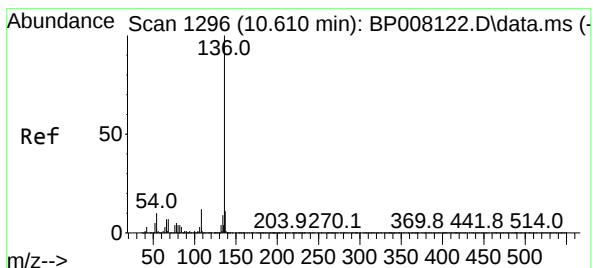
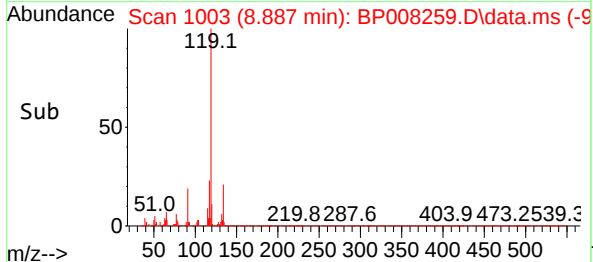
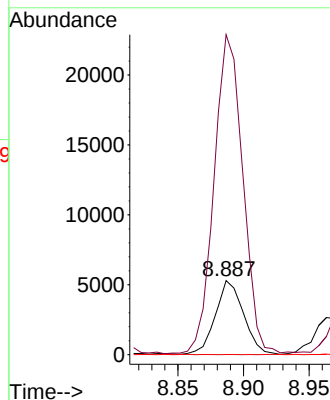
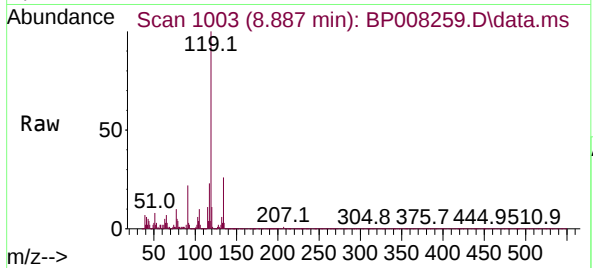




#18
Hexachloroethane
Concen: 4.812 ng
RT: 8.887 min Scan# 1003
Delta R.T. 0.012 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

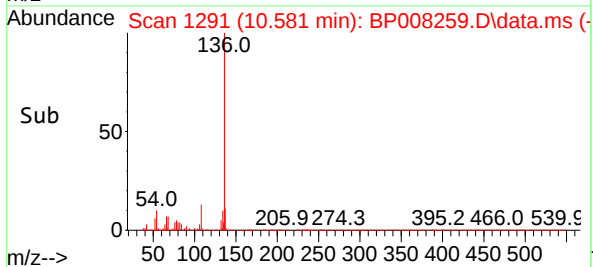
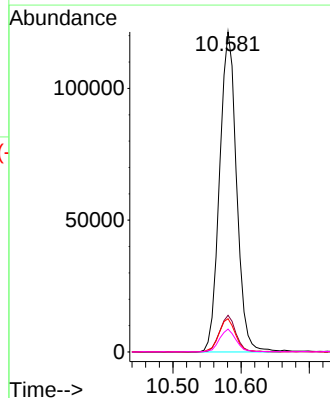
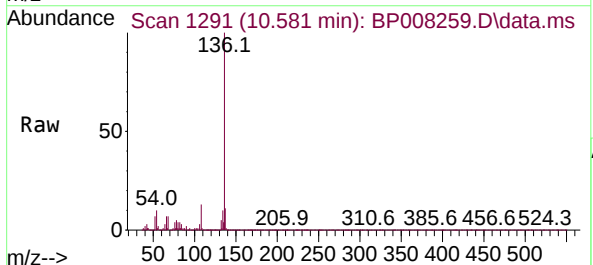
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

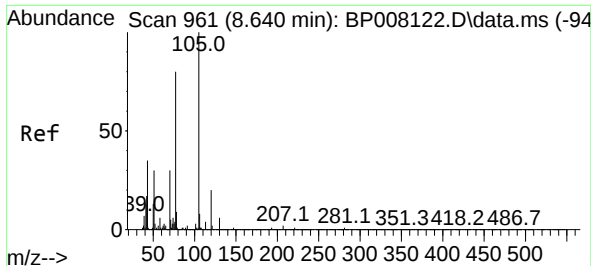
Tgt Ion:117 Resp: 7907
Ion Ratio Lower Upper
117 100
119 432.2 74.7 112.1#
201 0.1 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:136 Resp: 210690
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.4 8.2 12.4
68 7.2 5.8 8.8

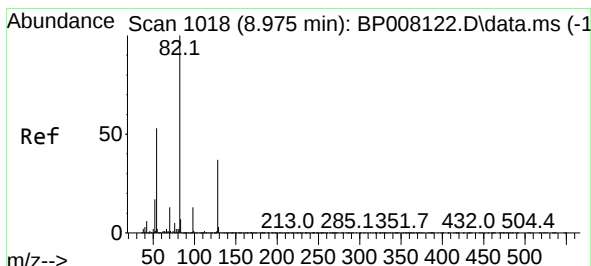
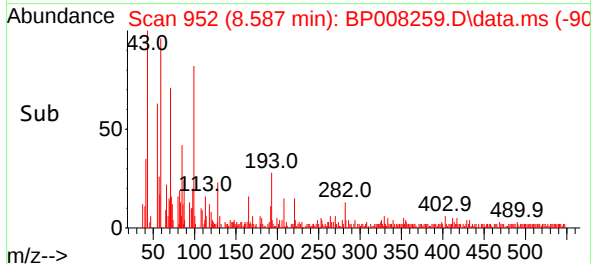
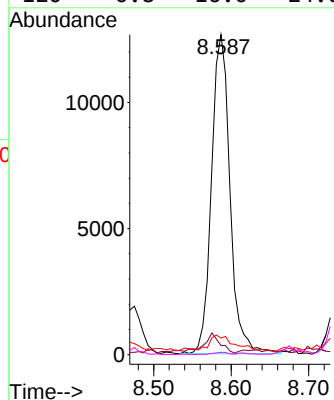
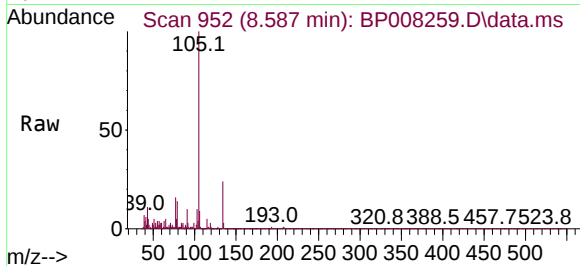




#22
Acetophenone
Concen: 3.645 ng
RT: 8.587 min Scan# 91
Delta R.T. -0.041 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

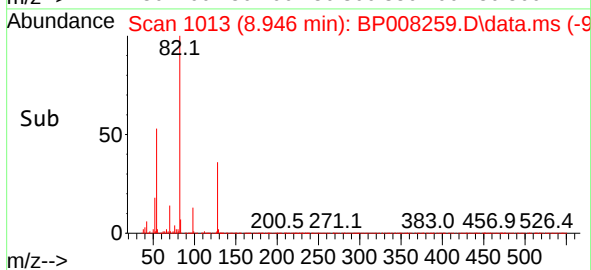
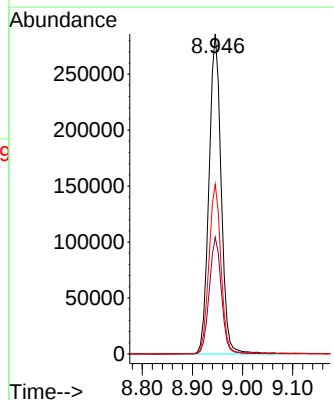
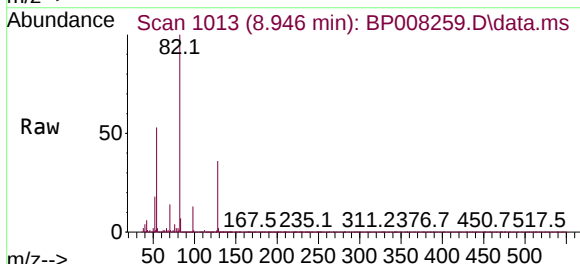
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

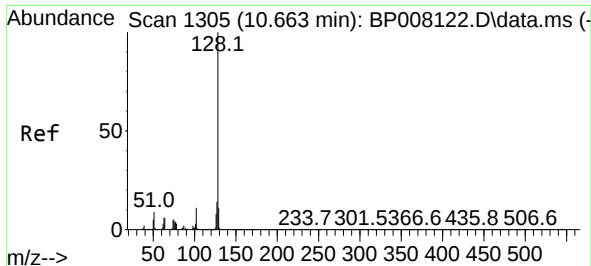
Tgt Ion:	105	Resp:	21006
Ion Ratio	Lower	Upper	
105	100		
71	2.8	4.0	6.0#
51	5.2	23.8	35.6#
120	0.8	16.0	24.0#



#23
Nitrobenzene-d5
Concen: 104.070 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:	82	Resp:	482184
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.6	44.4
54	53.0	42.7	64.1

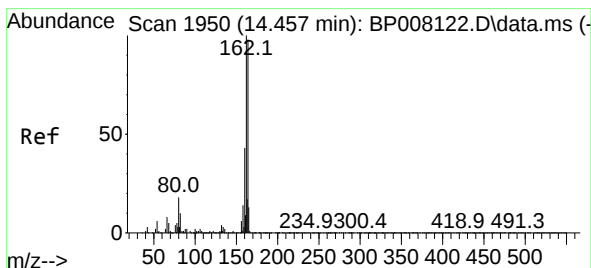
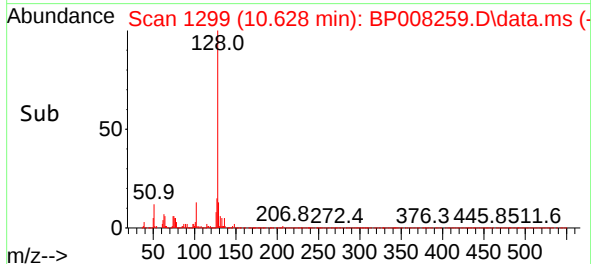
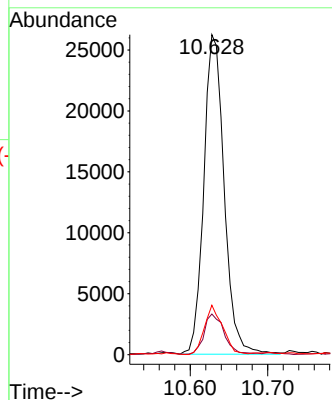
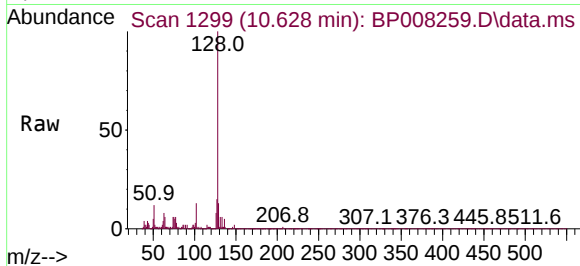




#31
Naphthalene
Concen: 4.431 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

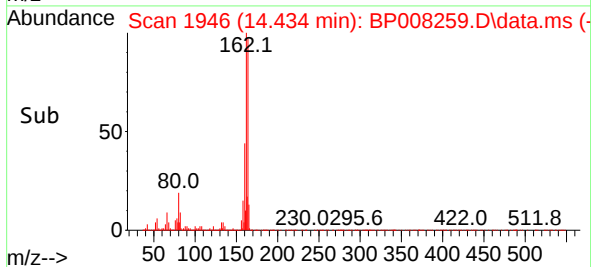
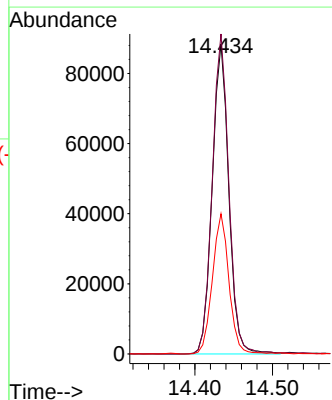
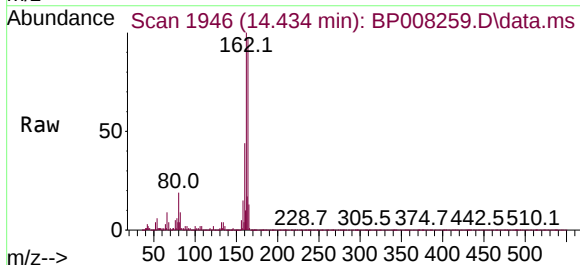
Instrument :
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ClientSampleId :
DRUM1-2

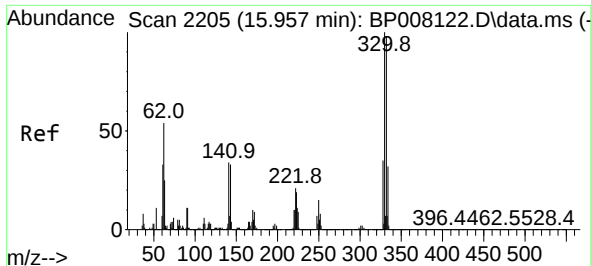
Tgt Ion:128	Resp:	47819
Ion Ratio	Lower	Upper
128	100	
129	12.7	8.5 12.7
127	15.5	10.9 16.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:164	Resp:	131373
Ion Ratio	Lower	Upper
164	100	
162	103.2	81.9 122.9
160	45.2	35.4 53.0

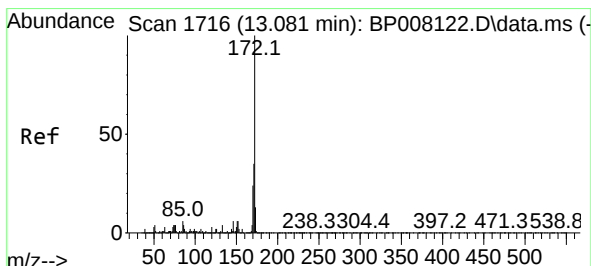
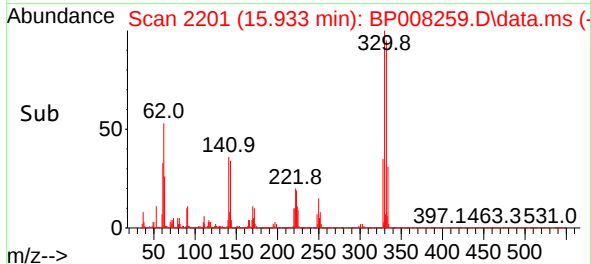
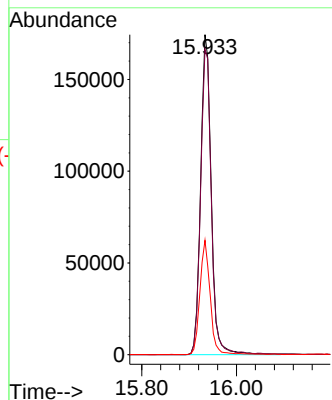
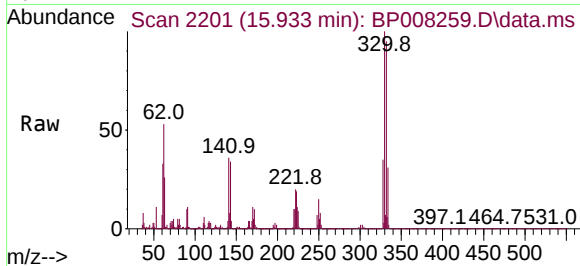




#42
2,4,6-Tribromophenol
Concen: 161.187 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

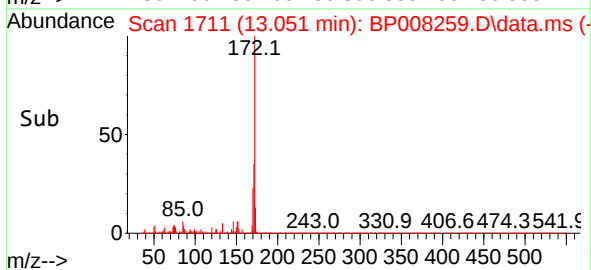
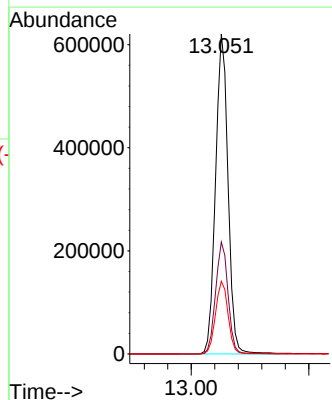
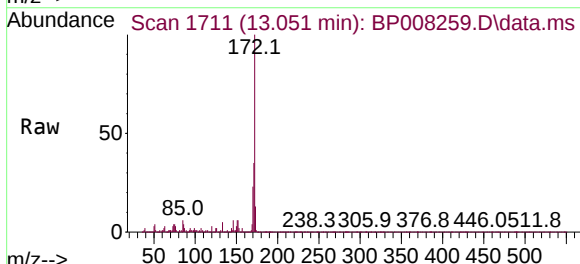
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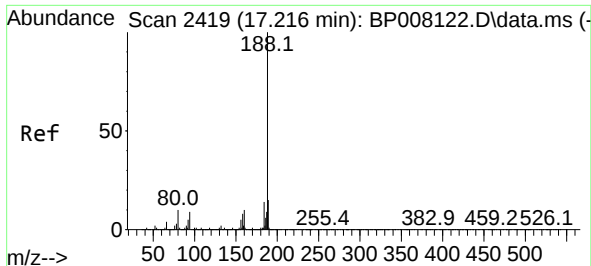
Tgt Ion:330 Resp: 270660
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 34.6 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 100.997 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:172 Resp: 913456
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.7 18.9 28.3

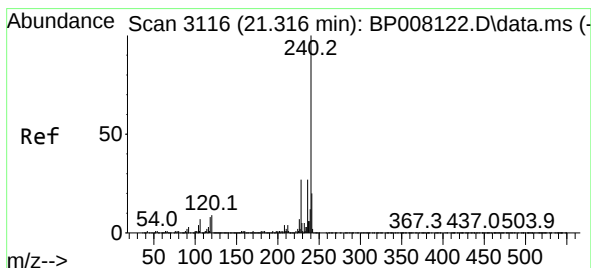
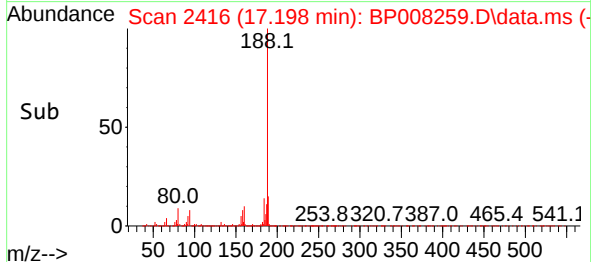
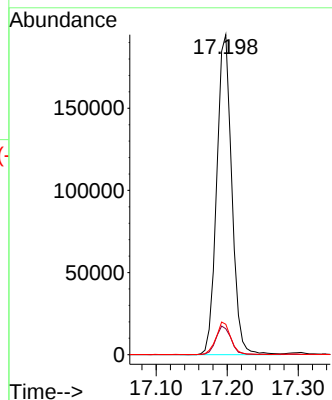
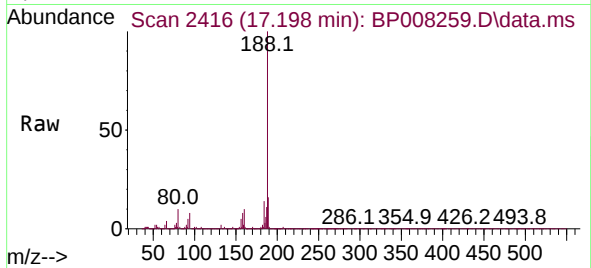




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

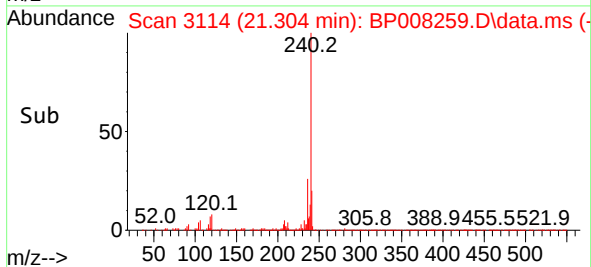
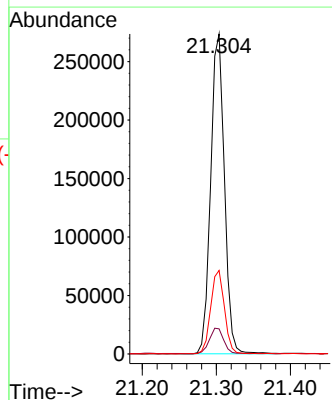
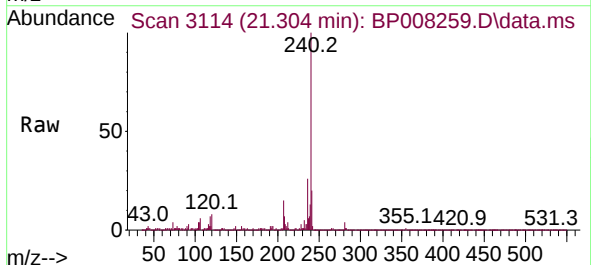
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

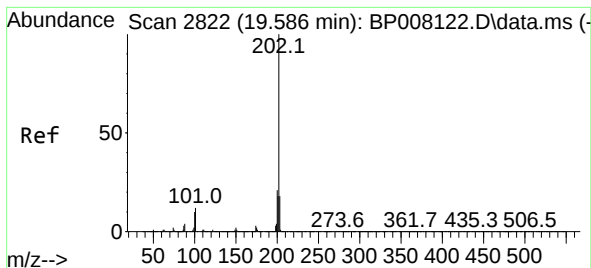
Tgt Ion:188 Resp: 285426
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:240 Resp: 352640
Ion Ratio Lower Upper
240 100
120 7.9 7.3 10.9
236 26.1 21.4 32.2





#78

Pyrene

Concen: Below Cal

RT: 19.574 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BP008259.D

Acq: 07 Dec 2021 20:06

Instrument :

BNA_P

ClientSampleId :

DRUM1-2

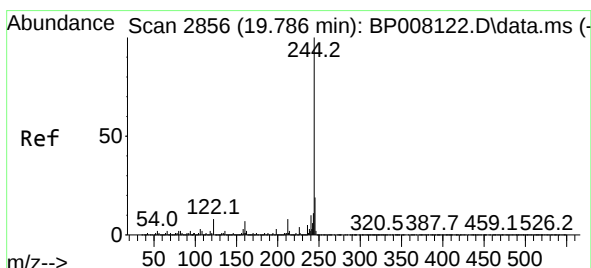
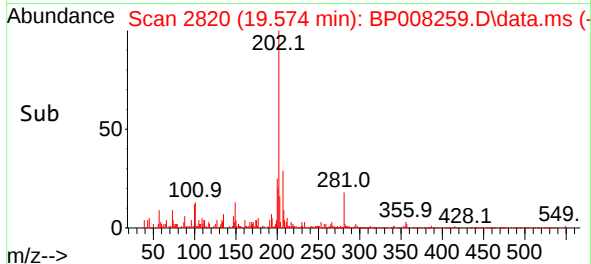
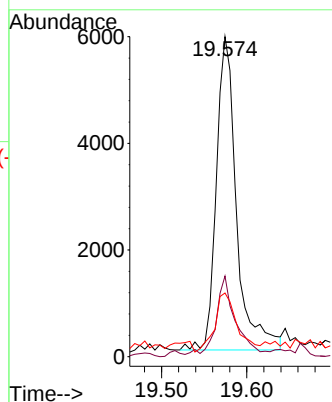
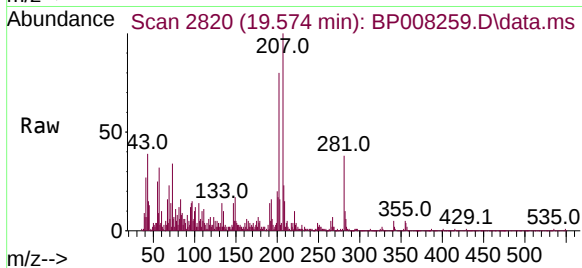
Tgt Ion:202 Resp: 9726

Ion Ratio Lower Upper

202 100

200 25.2 17.1 25.7

203 19.9 14.2 21.2



#79

Terphenyl-d14

Concen: 94.684 ng

RT: 19.769 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BP008259.D

Acq: 07 Dec 2021 20:06

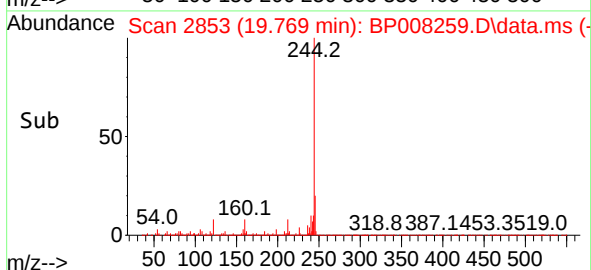
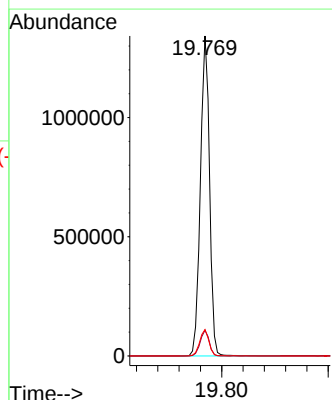
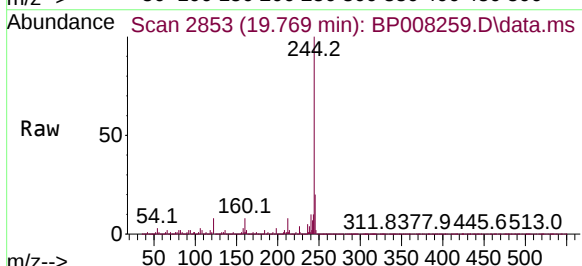
Tgt Ion:244 Resp: 1597636

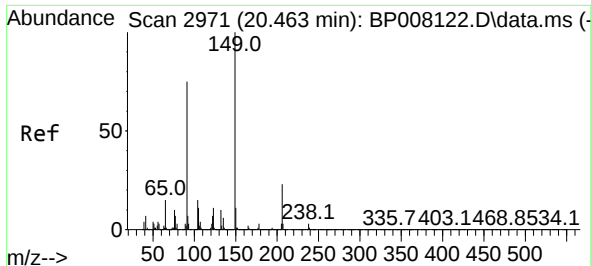
Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

122 8.2 6.6 9.8

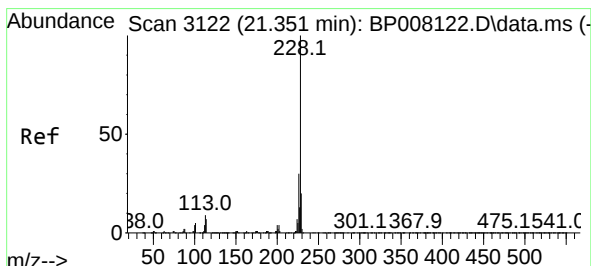
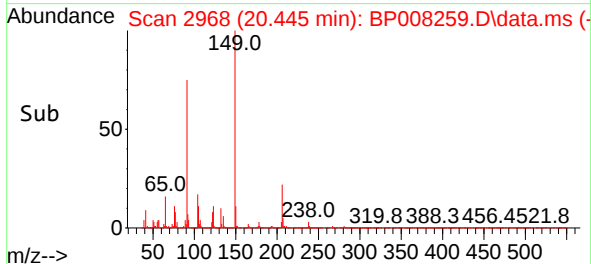
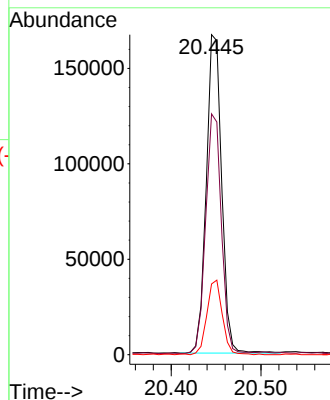
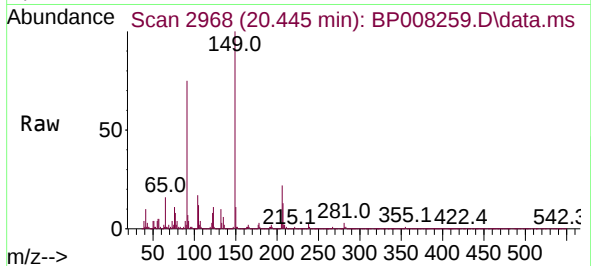




#80
Butylbenzylphthalate
Concen: 19.826 ng
RT: 20.445 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

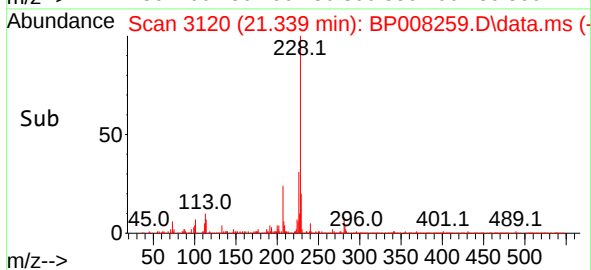
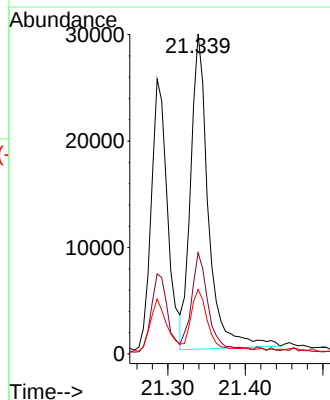
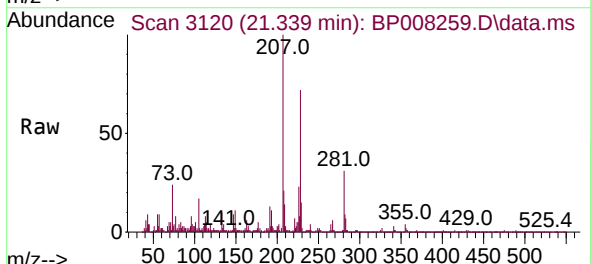
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

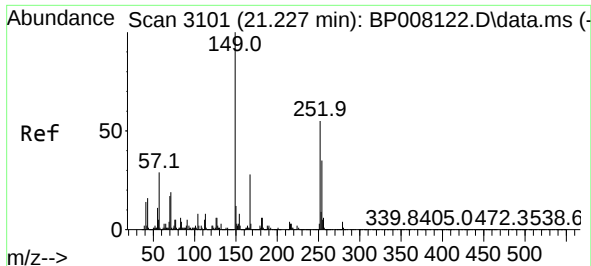
Tgt Ion:149 Resp: 199085
Ion Ratio Lower Upper
149 100
91 75.2 59.8 89.8
206 22.1 18.6 27.8



#83
Chrysene
Concen: 2.114 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:228 Resp: 47008
Ion Ratio Lower Upper
228 100
226 31.7 24.0 36.0
229 20.2 15.8 23.8

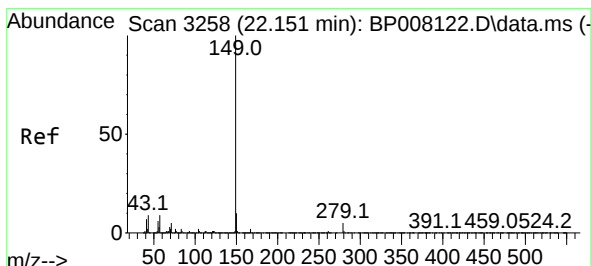
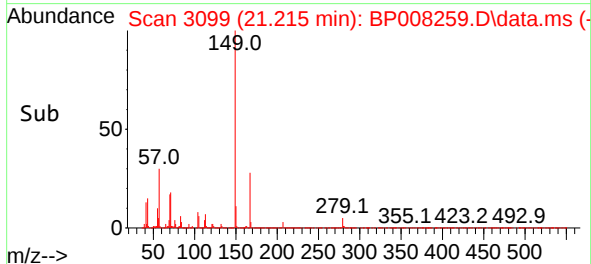
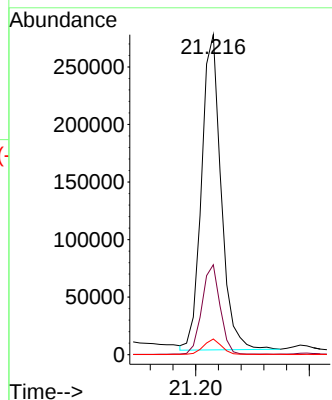
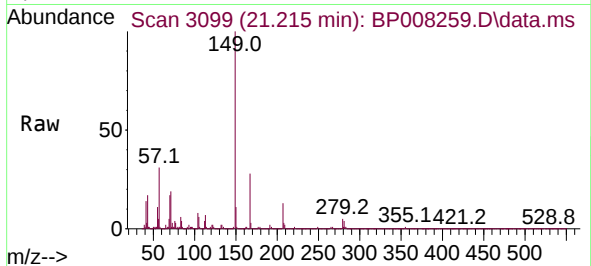




#84
Bis(2-ethylhexyl)phthalate
Concen: 21.483 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

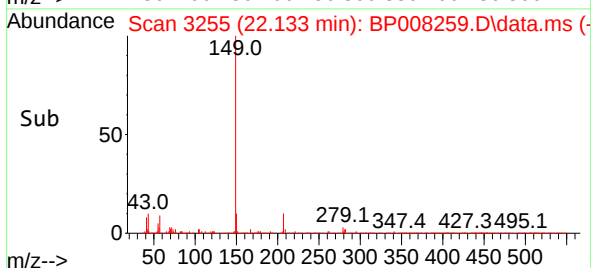
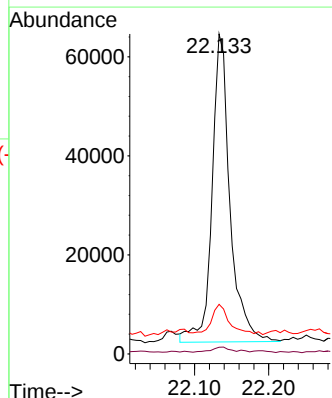
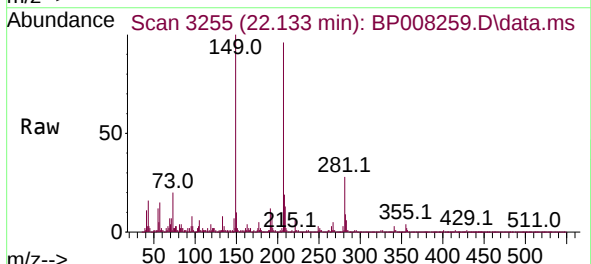
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

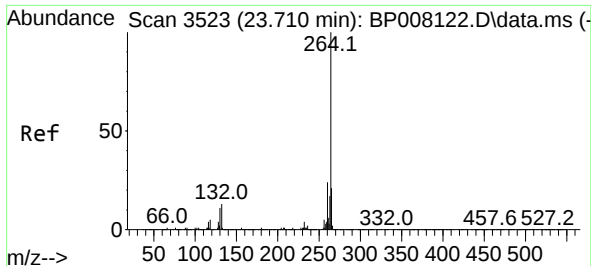
Tgt Ion:149 Resp: 327534
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.9 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 4.043 ng
RT: 22.133 min Scan# 3255
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:149 Resp: 104705
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 7.9 11.9

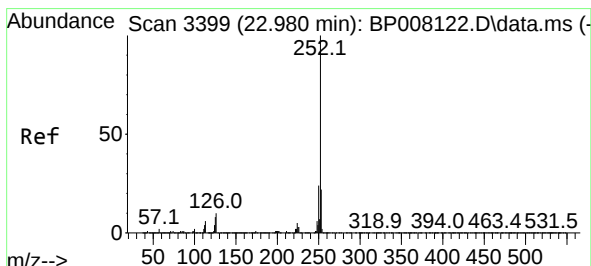
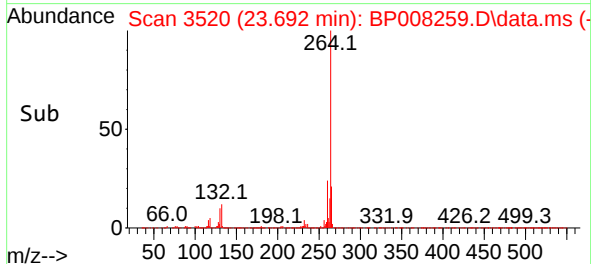
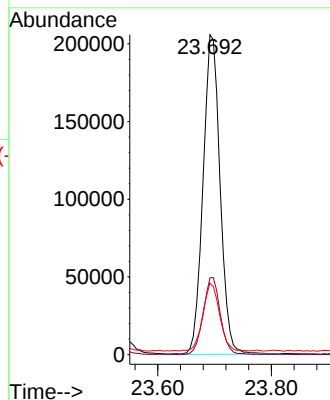
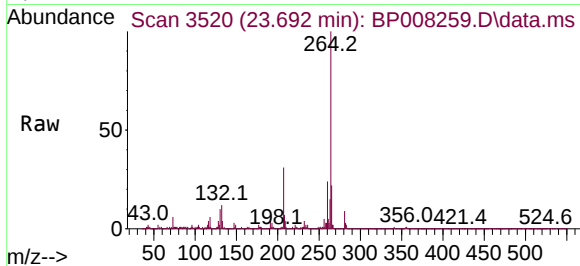




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

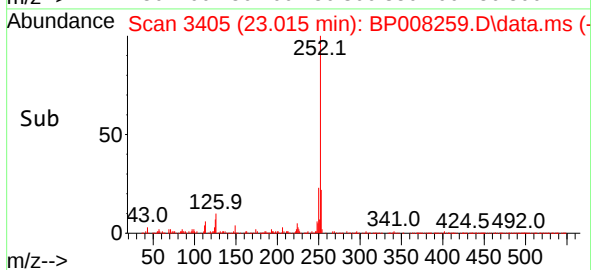
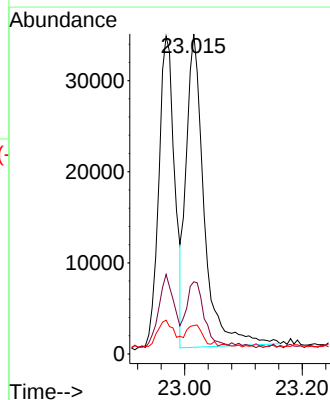
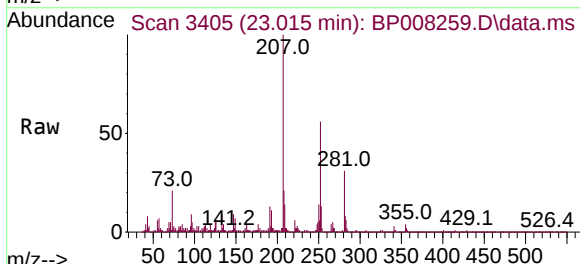
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

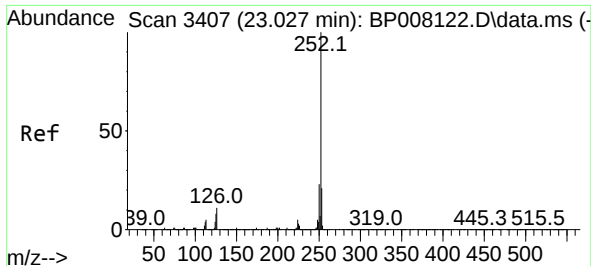
Tgt Ion:264 Resp: 426810
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.4 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.828 ng
RT: 23.015 min Scan# 3405
Delta R.T. 0.029 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:252 Resp: 72755
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 8.9 6.2 9.4

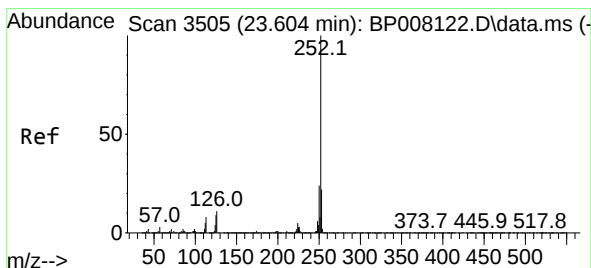
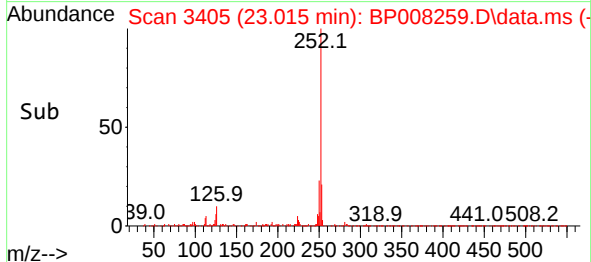
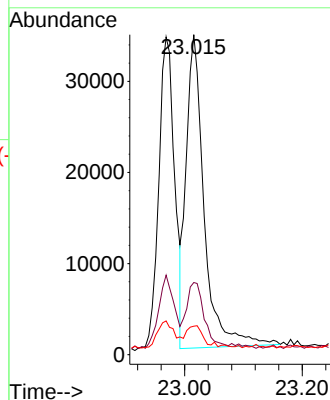
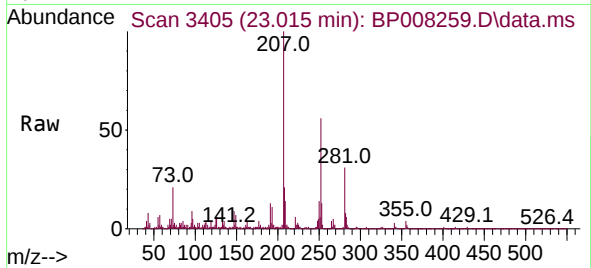




#89
Benzo(k)fluoranthene
Concen: 2.888 ng
RT: 23.015 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Tgt Ion:252 Resp: 72755
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.9 6.5 9.7



#90
Benzo(a)pyrene
Concen: 2.475 ng
RT: 23.592 min Scan# 3503
Delta R.T. -0.018 min
Lab File: BP008259.D
Acq: 07 Dec 2021 20:06

Tgt Ion:252 Resp: 54425
Ion Ratio Lower Upper
252 100
253 26.0 17.6 26.4
125 11.8 7.4 11.0#

