

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
 Data File : BP008101.D
 Acq On : 23 Nov 2021 17:55
 Operator : CG/JU
 Sample : M4786-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-279

Quant Time: Nov 24 00:07:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

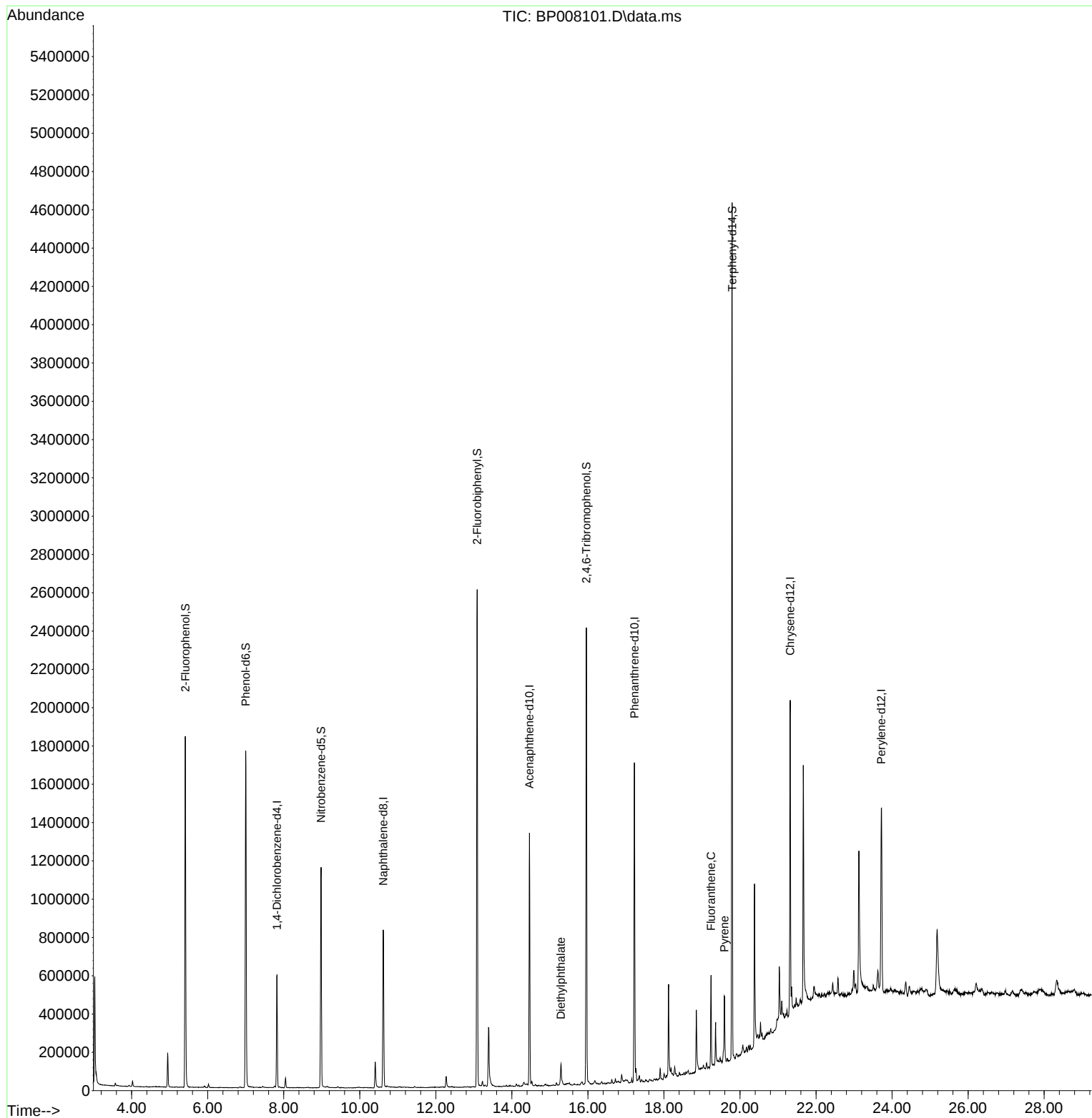
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	156354	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	642477	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	448322	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1000459	20.000	ng	0.00
76) Chrysene-d12	21.322	240	809212	20.000	ng	0.00
86) Perylene-d12	23.716	264	763606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	734580	80.304	ng	0.00
7) Phenol-d6	6.999	99	994992	78.469	ng	-0.01
23) Nitrobenzene-d5	8.981	82	681926	48.150	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	436292	76.898	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1356887	47.392	ng	0.00
79) Terphenyl-d14	19.792	244	2083778	50.628	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.999	77	2529	Below Cal	#	9
58) Fluorene	15.516	166	4583	Below Cal	#	89
60) Diethylphthalate	15.292	149	79831	2.292	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	40	Below Cal	#	1
75) Fluoranthene	19.239	202	274912	3.957	ng	100
78) Pyrene	19.592	202	215002	3.913	ng	99
82) 3,3'-Dichlorobenzidine	21.269	252	348	Below Cal	#	57

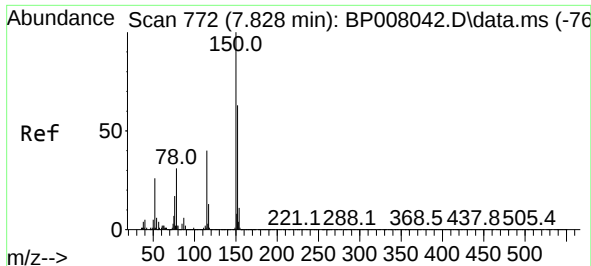
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

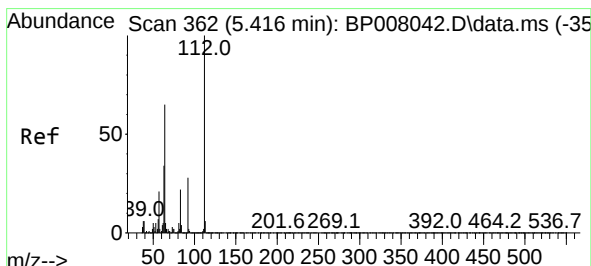
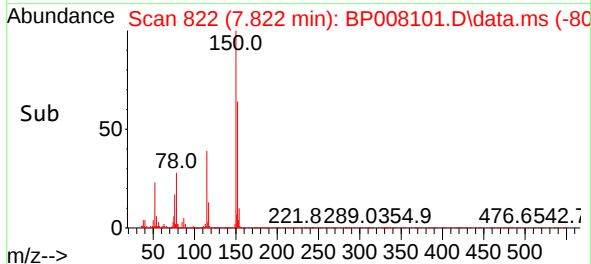
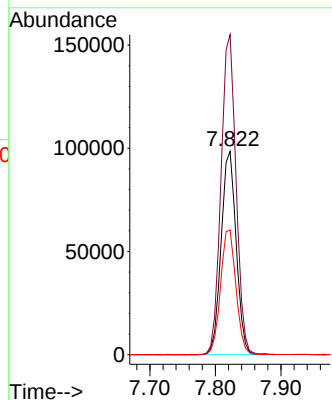
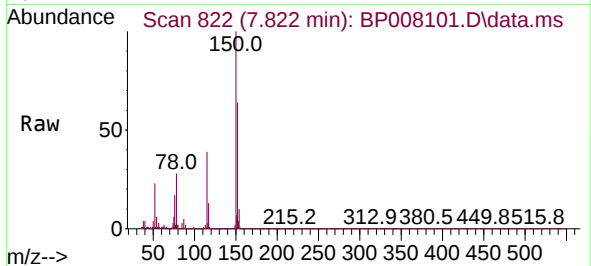




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

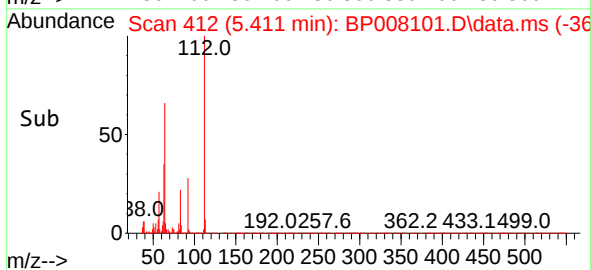
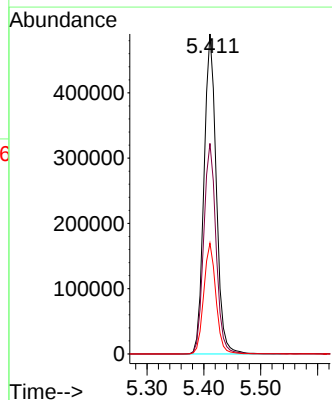
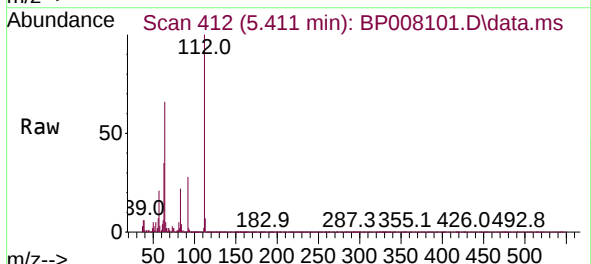
Instrument :
BNA_P
ClientSampleId :
RO-279

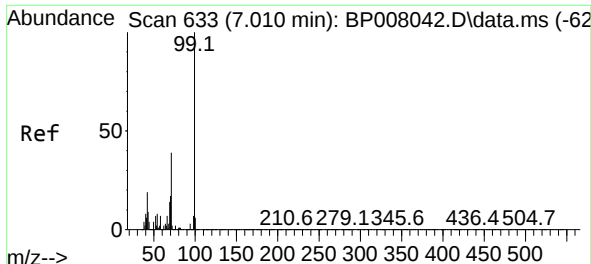
Tgt Ion:152 Resp: 156354
Ion Ratio Lower Upper
152 100
150 157.3 126.5 189.7
115 61.3 50.6 75.8



#5
2-Fluorophenol
Concen: 80.304 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion:112 Resp: 734580
Ion Ratio Lower Upper
112 100
64 65.8 51.7 77.5
63 34.6 27.4 41.0

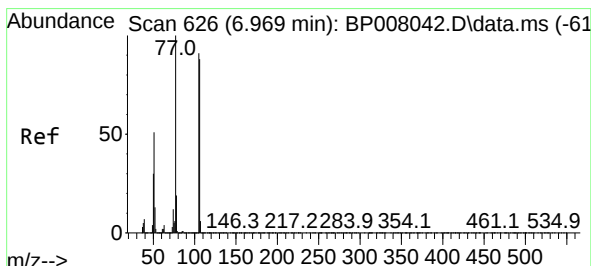
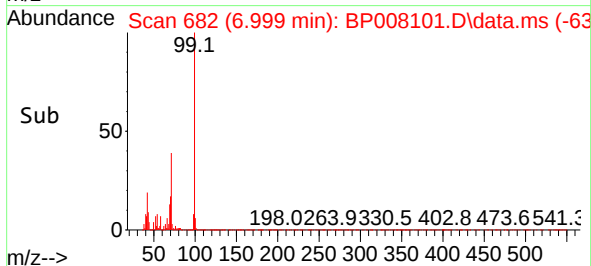
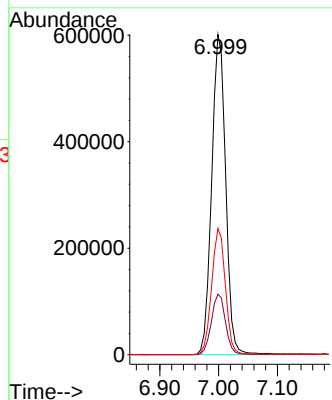
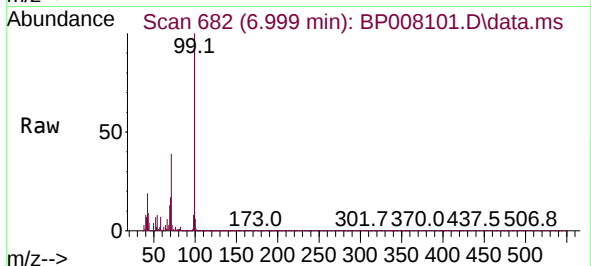




#7
Phenol-d6
Concen: 78.469 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

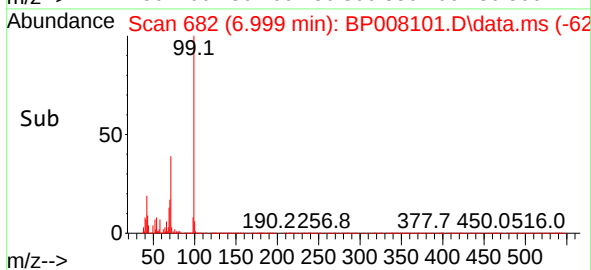
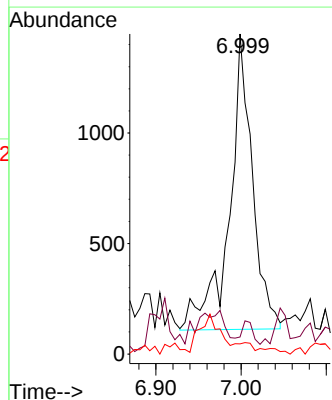
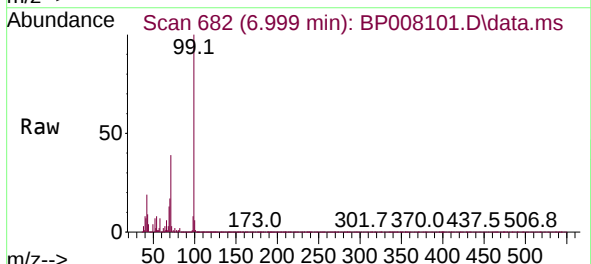
Instrument :
BNA_P
ClientSampleId :
RO-279

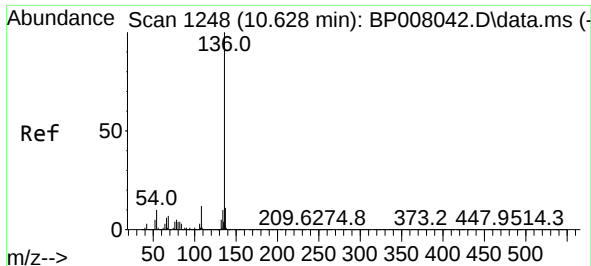
Tgt Ion: 99 Resp: 994992
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.2
71 39.4 31.0 46.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.999 min Scan# 682
Delta R.T. 0.030 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion: 77 Resp: 2529
Ion Ratio Lower Upper
77 100
105 5.3 71.5 111.5#
106 3.2 67.9 107.9#

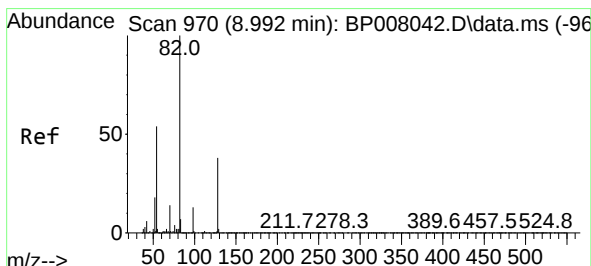
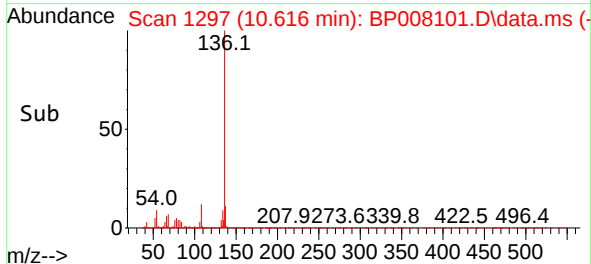
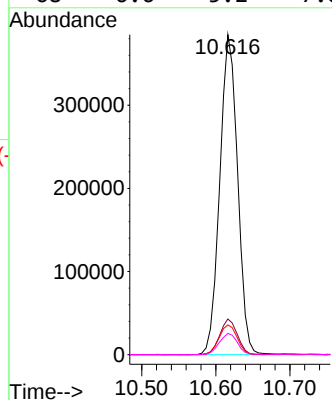
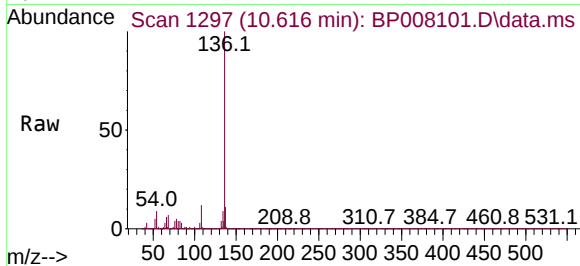




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

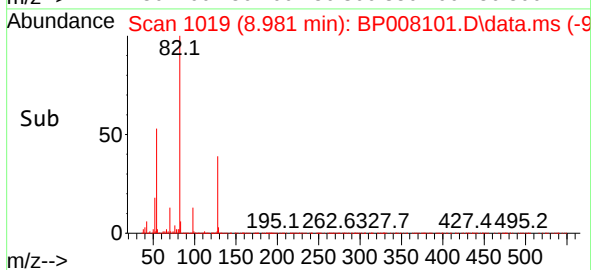
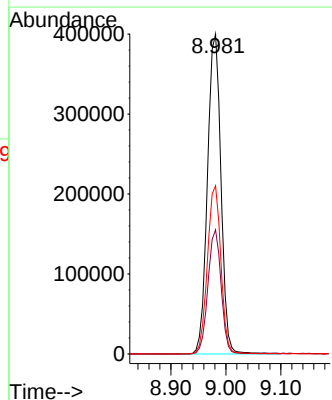
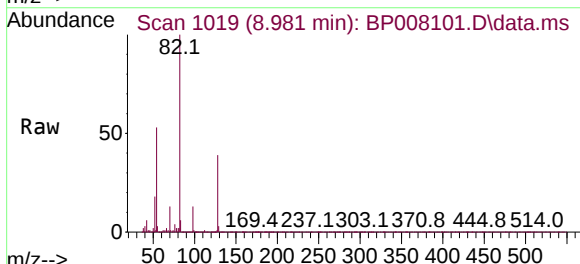
Instrument :
BNA_P
ClientSampleId :
RO-279

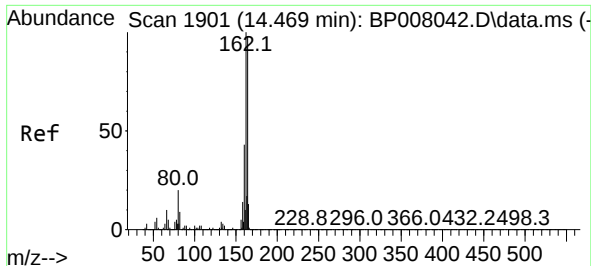
Tgt Ion:	136	Resp:	642477
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	9.3	8.0	12.0
68	6.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 48.150 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion:	82	Resp:	681926
Ion Ratio	Lower	Upper	
82	100		
128	38.8	30.2	45.2
54	52.6	43.1	64.7

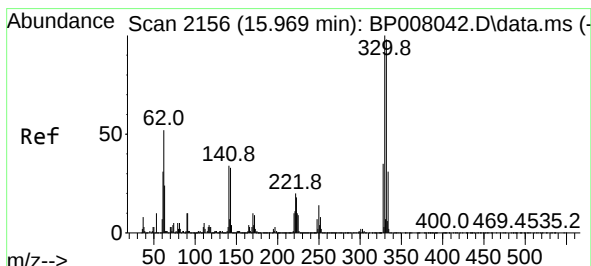
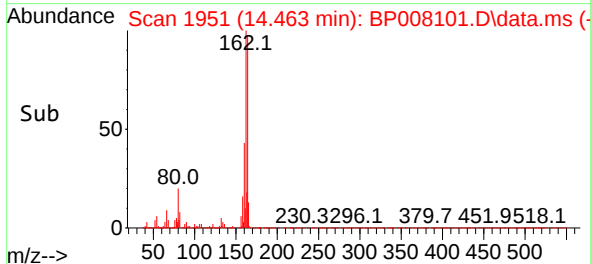
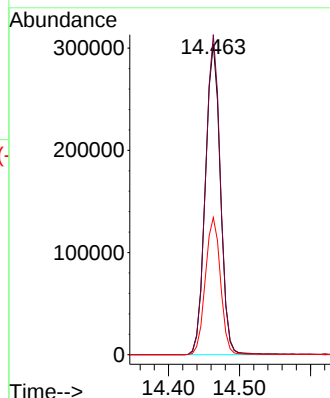
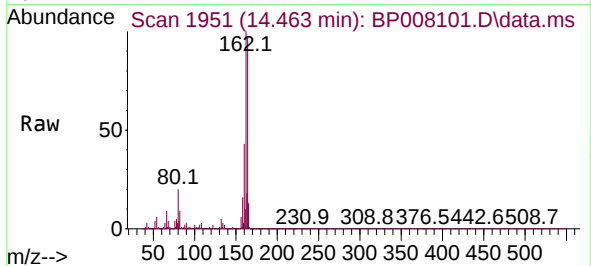




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

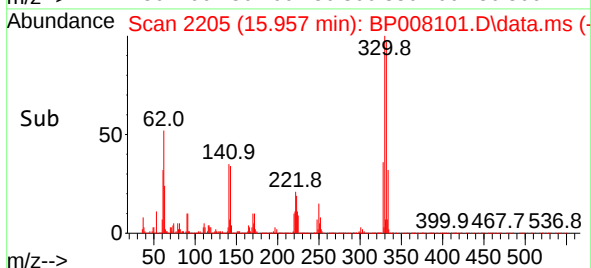
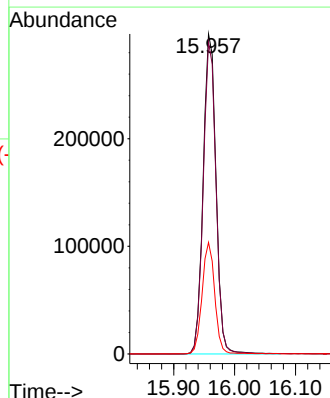
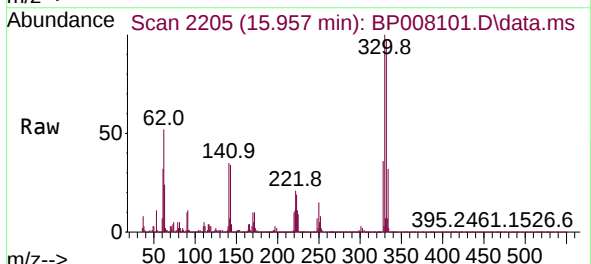
Instrument :
BNA_P
ClientSampleId :
RO-279

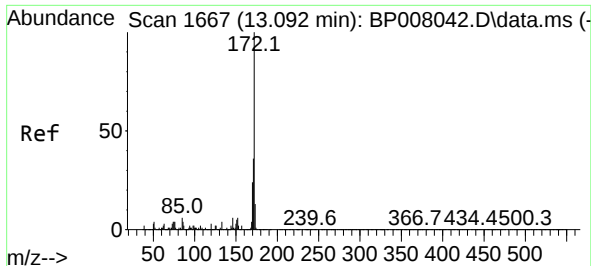
Tgt Ion:164 Resp: 448322
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.8
160 44.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 76.898 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion:330 Resp: 436292
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 34.3 29.6 44.4

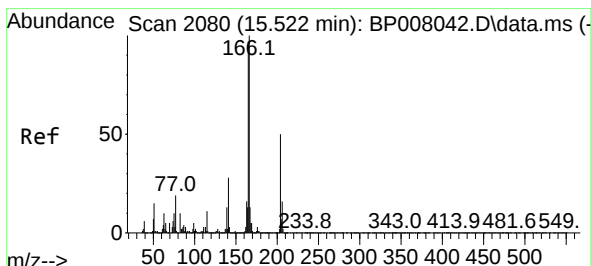
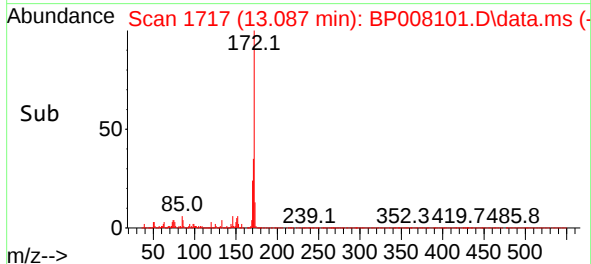
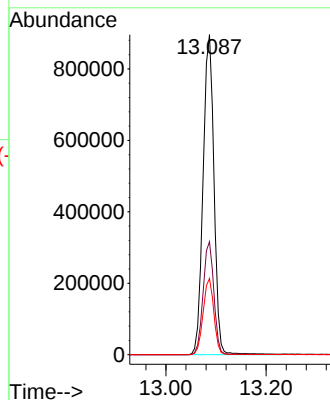
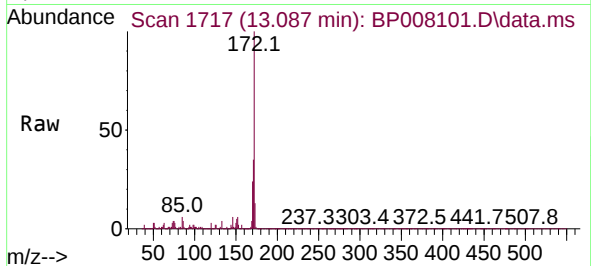




#45
2-Fluorobiphenyl
Concen: 47.392 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

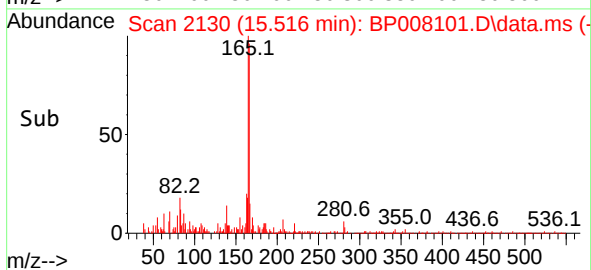
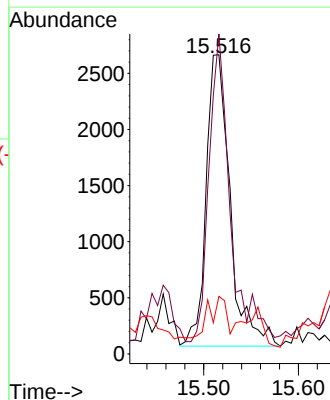
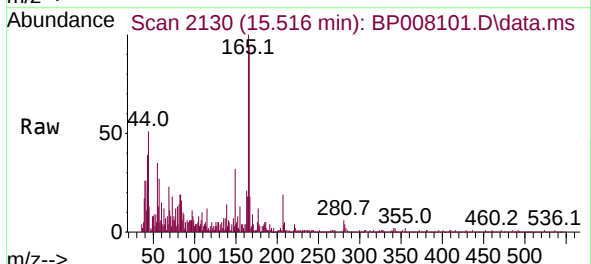
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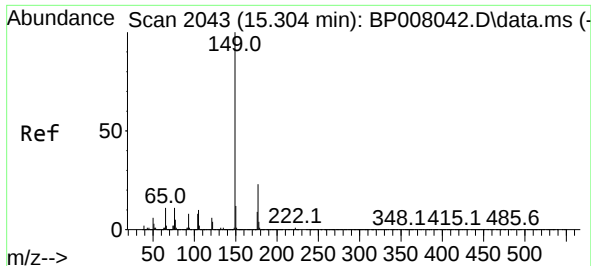
Tgt Ion:172 Resp: 1356887
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.8 19.0 28.4



#58
Fluorene
Concen: Below Cal
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion:166 Resp: 4583
Ion Ratio Lower Upper
166 100
165 106.9 77.4 116.0
167 19.2 10.7 16.1#

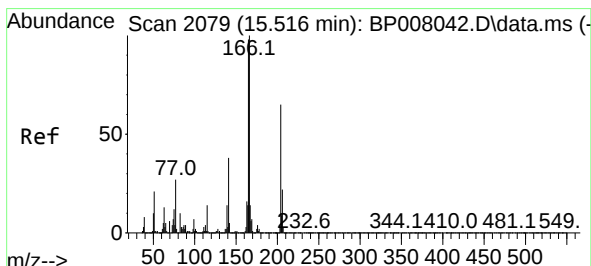
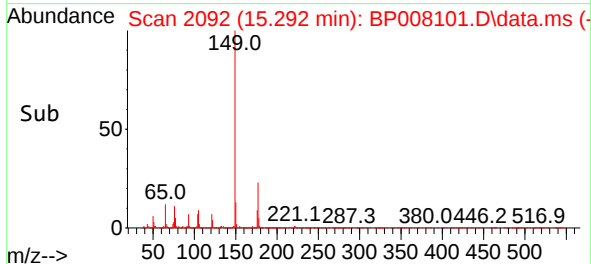
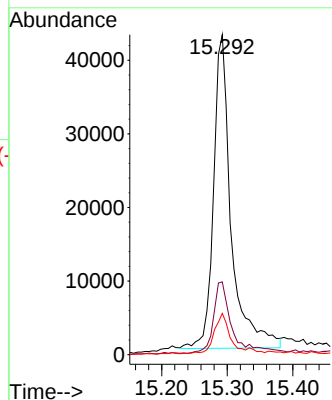
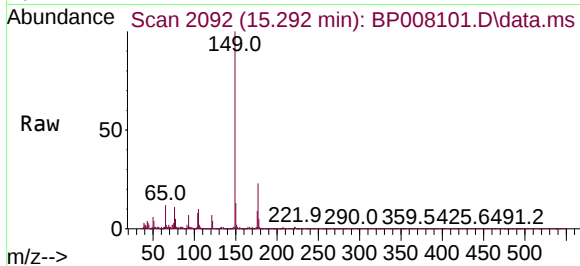




#60
Diethylphthalate
Concen: 2.292 ng
RT: 15.292 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

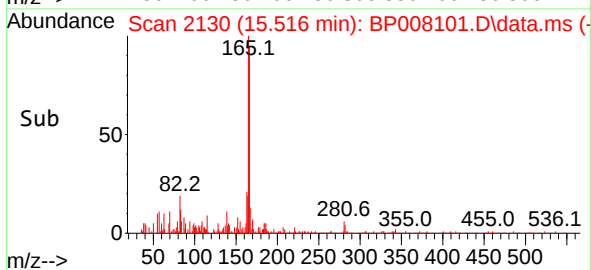
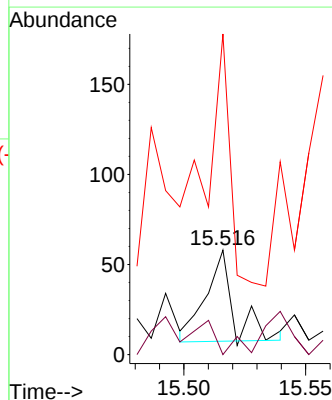
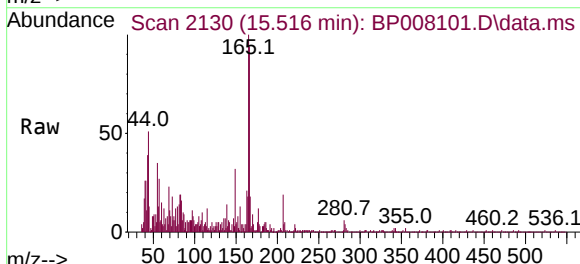
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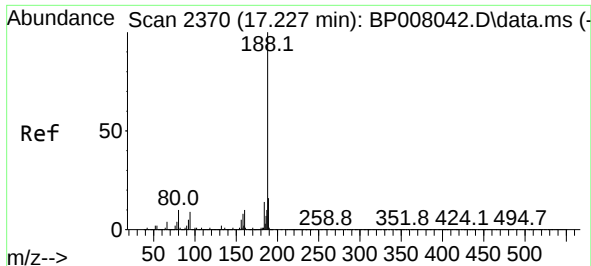
Tgt Ion:149 Resp: 79831
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.9 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.516 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion:204 Resp: 40
Ion Ratio Lower Upper
204 100
206 0.0 27.3 40.9#
141 306.9 46.7 70.1#

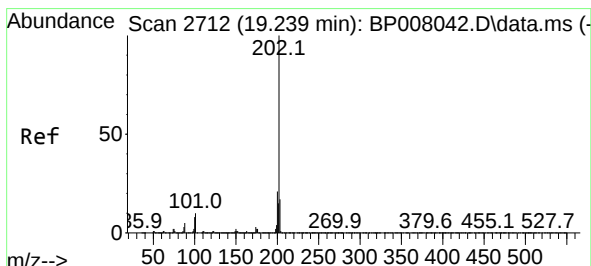
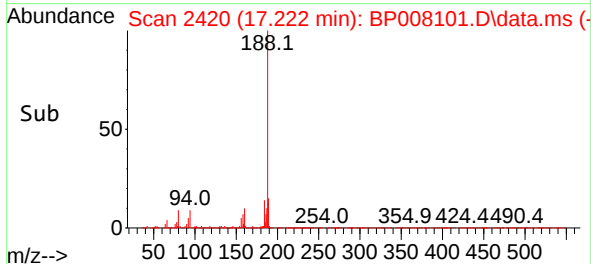
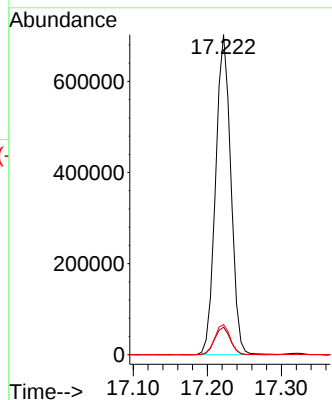
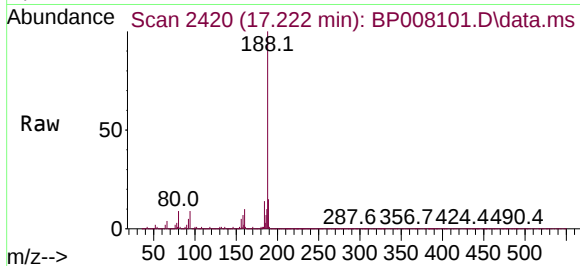




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

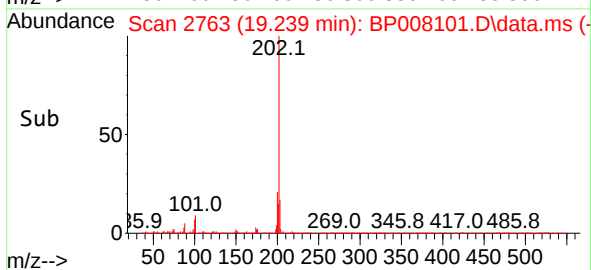
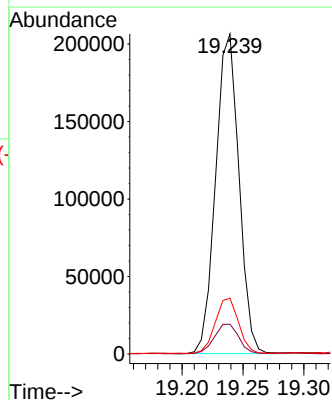
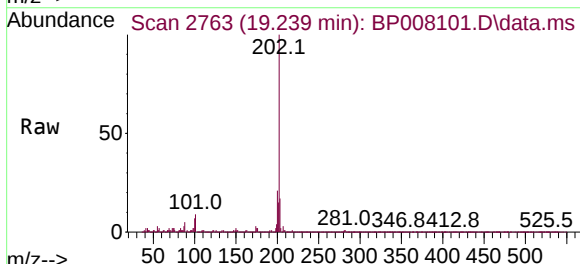
Instrument :
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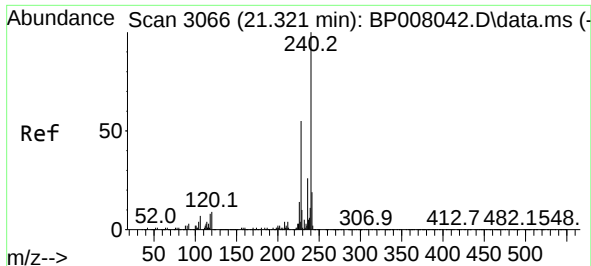
Tgt Ion:188 Resp: 1000459
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.4 8.1 12.1



#75
Fluoranthene
Concen: 3.957 ng
RT: 19.239 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion:202 Resp: 274912
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.5
203 17.5 0.0 37.3

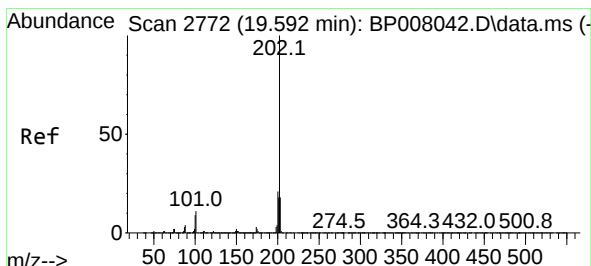
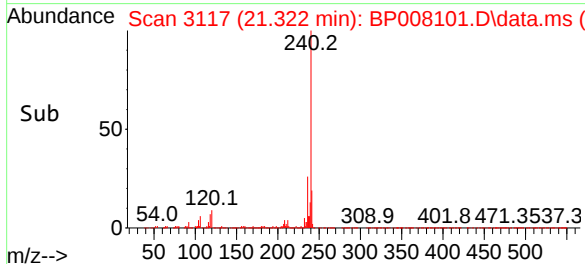
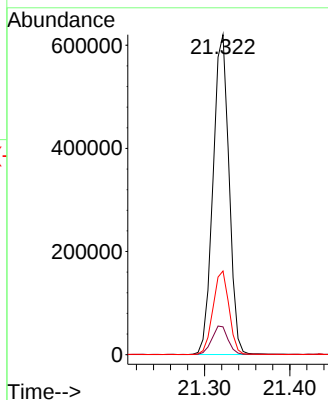
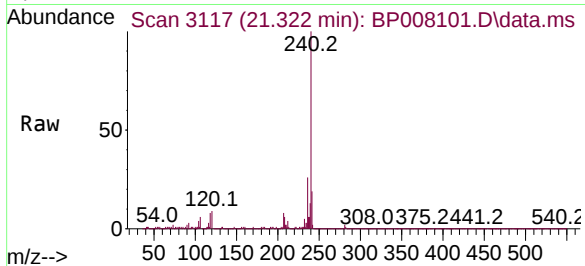




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.001 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

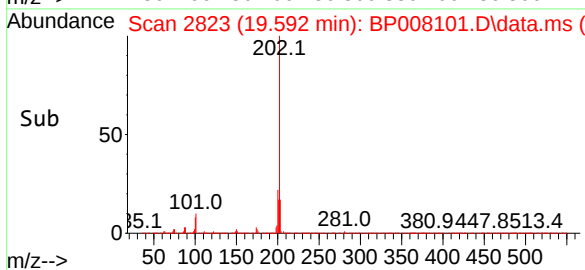
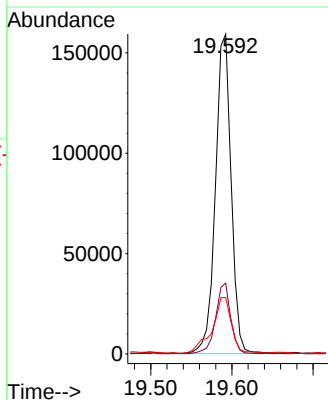
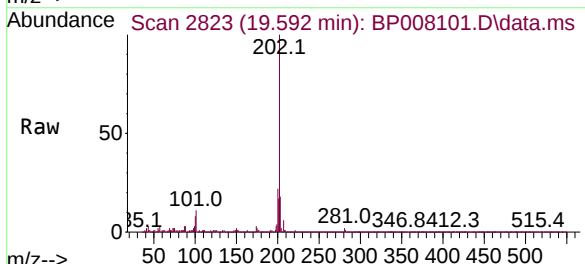
Instrument :
BNA_P
ClientSampleId :
RO-279

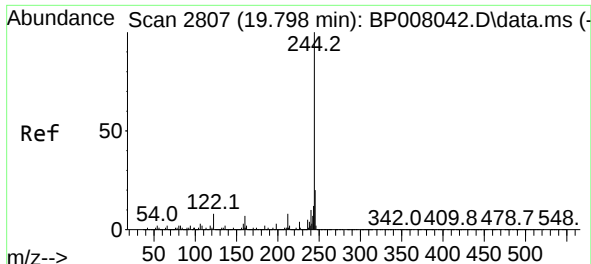
Tgt Ion:240 Resp: 809212
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.2
236 26.1 21.0 31.4



#78
Pyrene
Concen: 3.913 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP008101.D
Acq: 23 Nov 2021 17:55

Tgt Ion:202 Resp: 215002
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 17.6 14.2 21.2

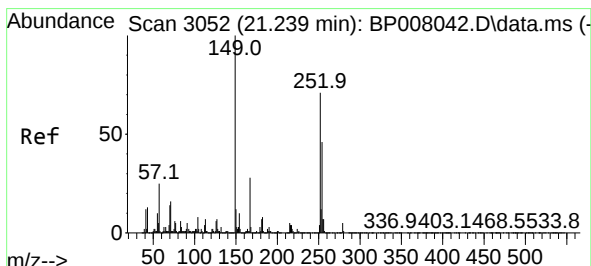
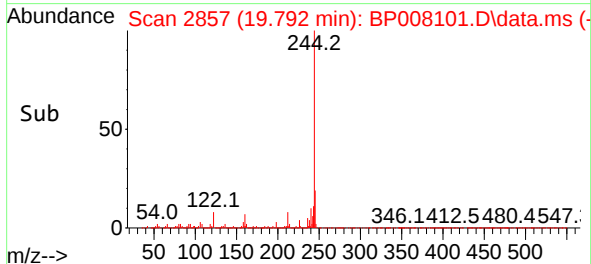
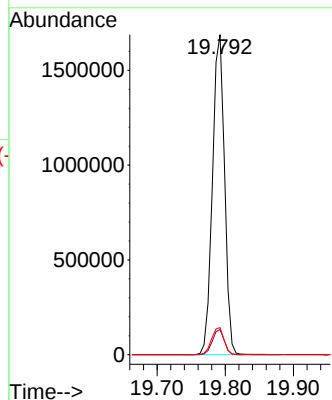
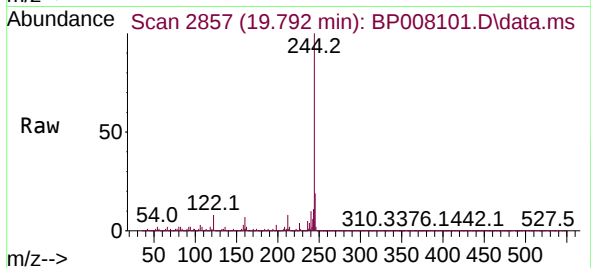




#79
 Terphenyl-d14
 Concen: 50.628 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008101.D
 Acq: 23 Nov 2021 17:55

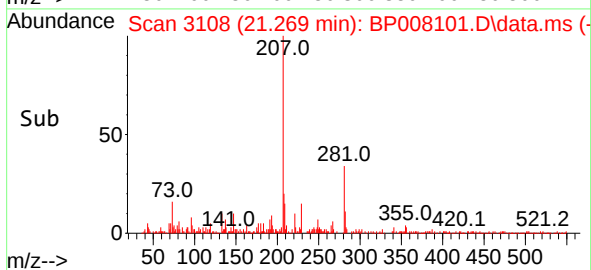
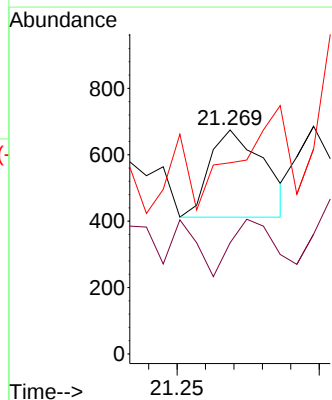
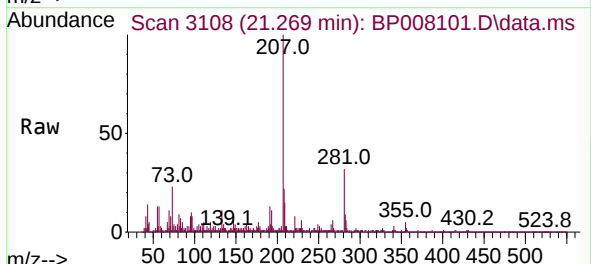
Instrument :
 BNA_P
 ClientSampleId :
 RO-279

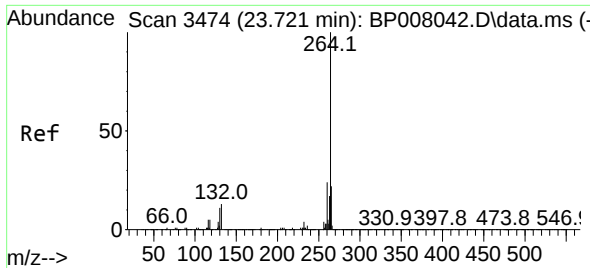
Tgt Ion:244 Resp: 2083778
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.5 6.1 9.1



#82
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.269 min Scan# 3108
 Delta R.T. 0.030 min
 Lab File: BP008101.D
 Acq: 23 Nov 2021 17:55

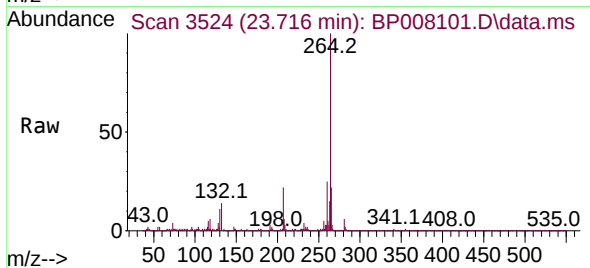
Tgt Ion:252 Resp: 348
 Ion Ratio Lower Upper
 252 100
 254 49.6 51.8 77.8#
 126 85.3 7.2 10.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.716 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008101.D
 Acq: 23 Nov 2021 17:55

Instrument :
 BNA_P
 ClientSampleId :
 RO-279



Tgt Ion:264 Resp: 763606
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 21.5 17.7 26.5

