

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009196.D
 Acq On : 17 Feb 2022 15:36
 Operator : CG/JU
 Sample : N1575-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COP-2R

Quant Time: Feb 18 01:51:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

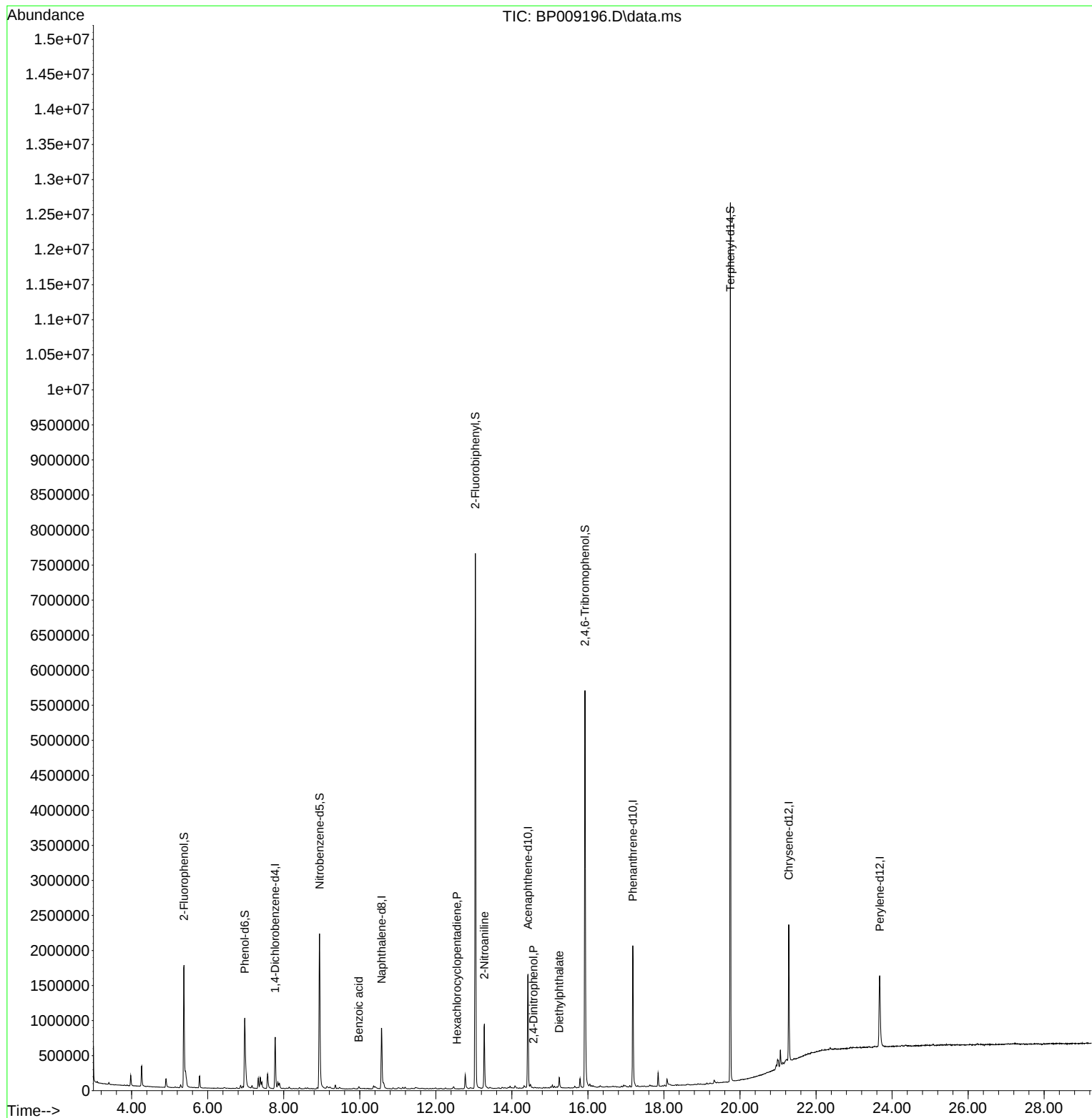
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	233342	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	888270	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	641399	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1377636	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1103980	20.000	ng	0.00
86) Perylene-d12	23.674	264	932668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1026189	78.448	ng	0.00
7) Phenol-d6	6.975	99	854320	49.564	ng	0.00
23) Nitrobenzene-d5	8.940	82	1534727	97.435	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1425622	166.470	ng	-0.01
45) 2-Fluorobiphenyl	13.040	172	4304088	93.939	ng	-0.01
79) Terphenyl-d14	19.745	244	6122818	99.738	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.975	122	54	2.695	ng	# 1
41) Hexachlorocyclopentadiene	12.557	237	29	8.659	ng	90
48) 2-Nitroaniline	13.275	65	25782	2.971	ng	# 5
54) 2,4-Dinitrophenol	14.569	184	166	2.208	ng	# 10
60) Diethylphthalate	15.245	149	88628	2.050	ng	98

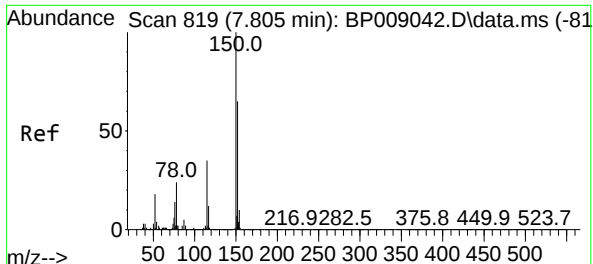
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

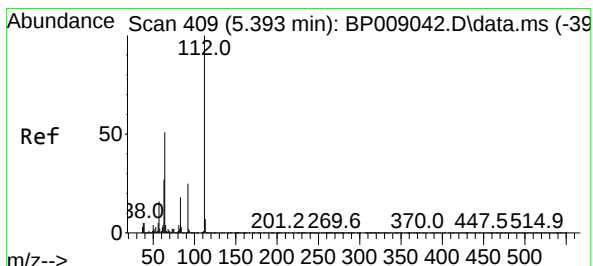
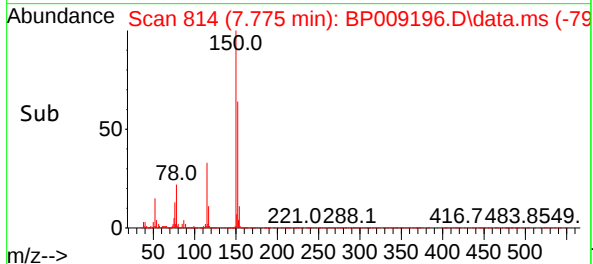
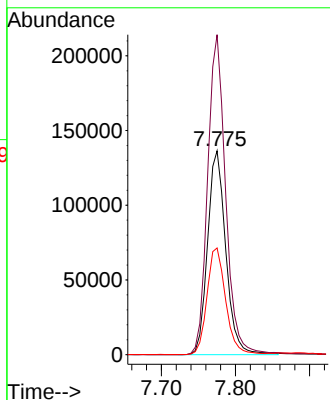
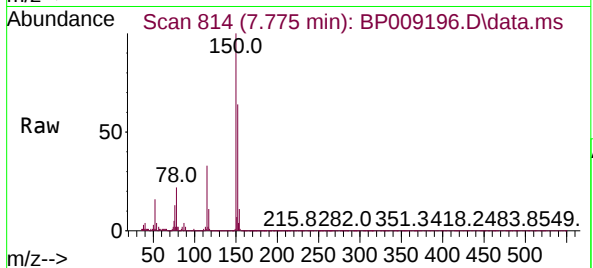




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

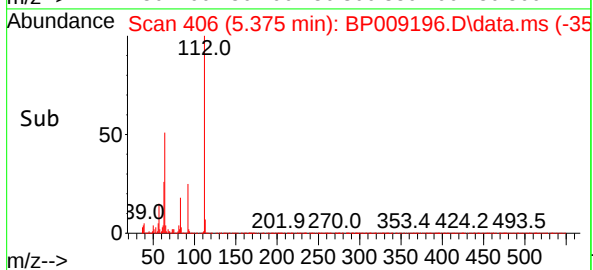
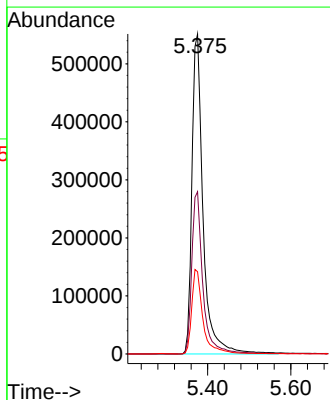
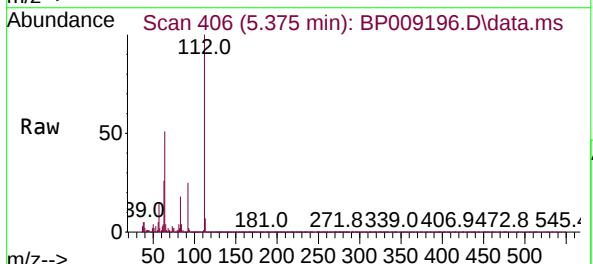
Instrument :
BNA_P
ClientSampleId :
COP-2R

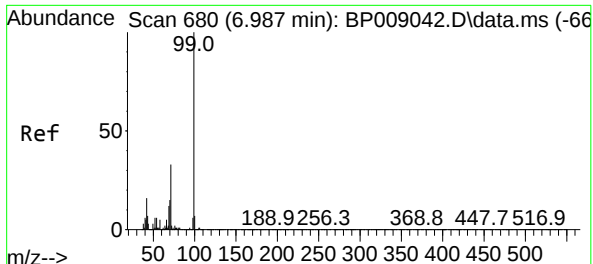
Tgt Ion:152 Resp: 233342
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.6
115 52.3 43.7 65.5



#5
2-Fluorophenol
Concen: 78.448 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:112 Resp: 1026189
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 25.7 20.0 30.0

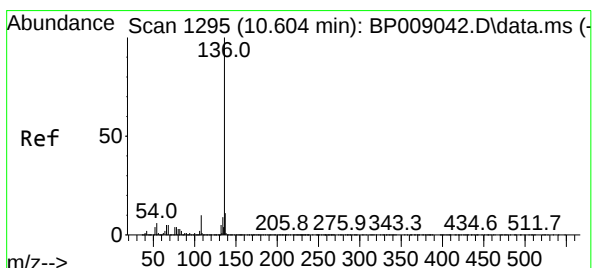
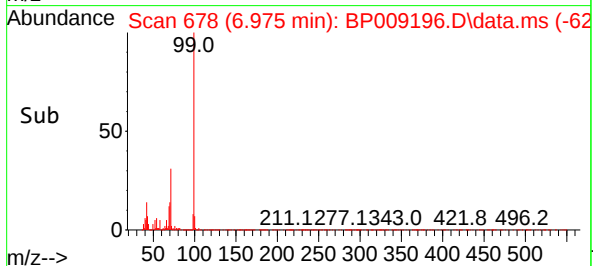
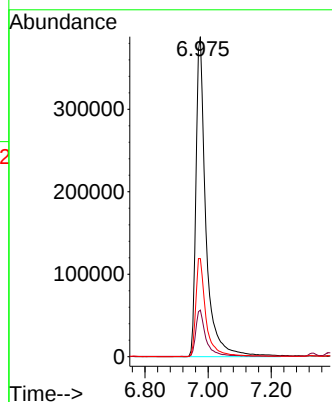
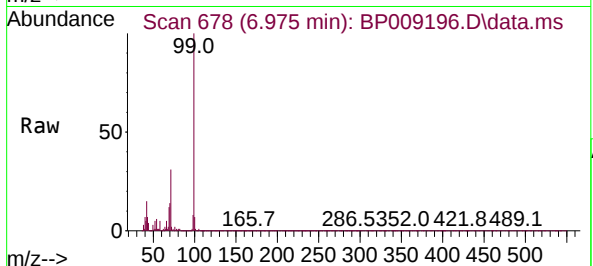




#7
Phenol-d6
Concen: 49.564 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

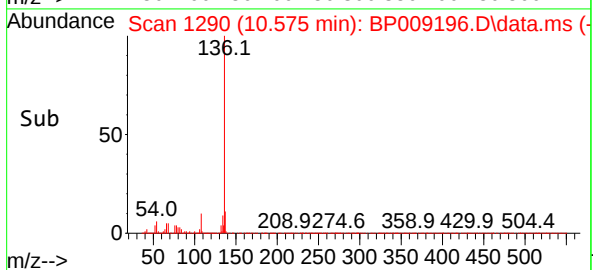
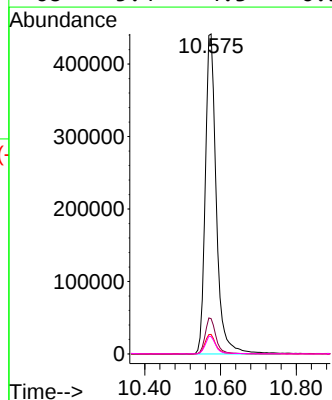
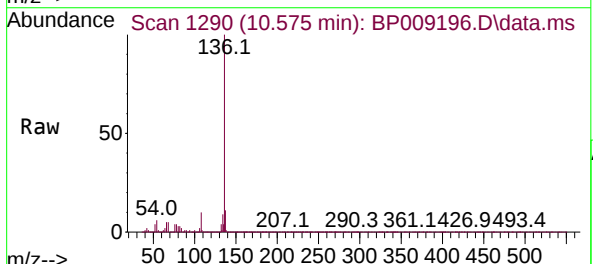
Instrument :
BNA_P
ClientSampleId :
COP-2R

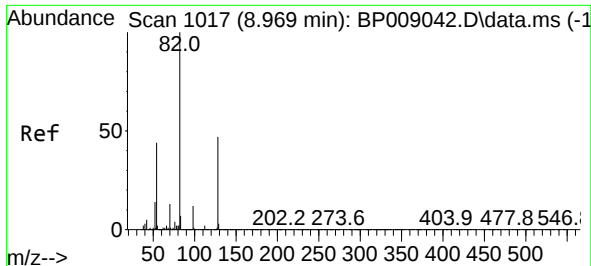
Tgt Ion: 99 Resp: 854320
Ion Ratio Lower Upper
99 100
42 14.5 10.8 16.2
71 30.7 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion: 136 Resp: 888270
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.4 4.3 6.5

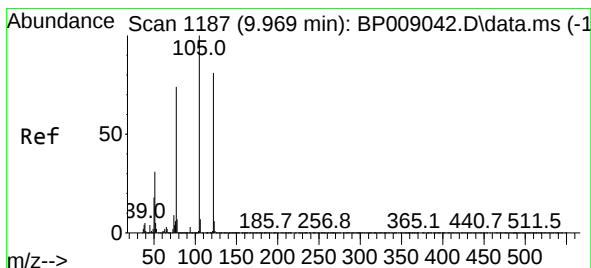
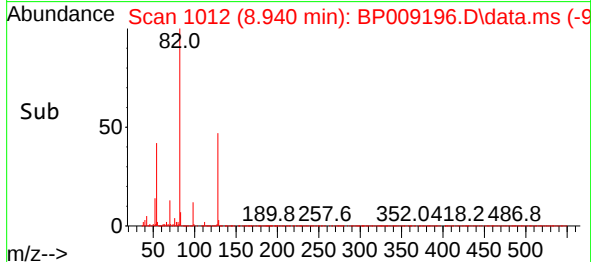
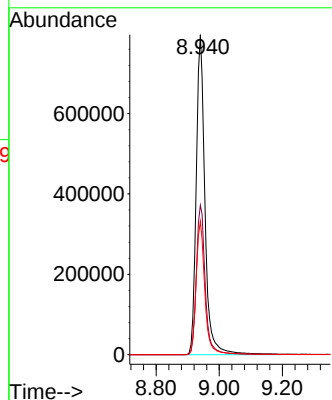
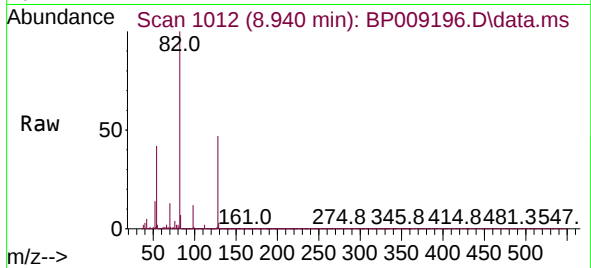




#23
Nitrobenzene-d5
Concen: 97.435 ng
RT: 8.940 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

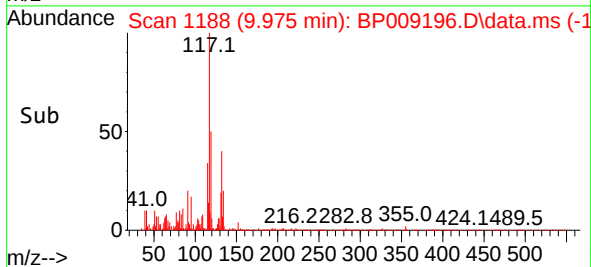
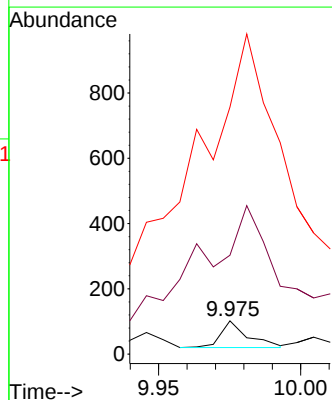
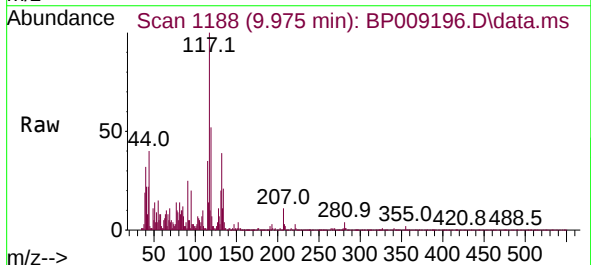
Instrument :
BNA_P
ClientSampleId :
COP-2R

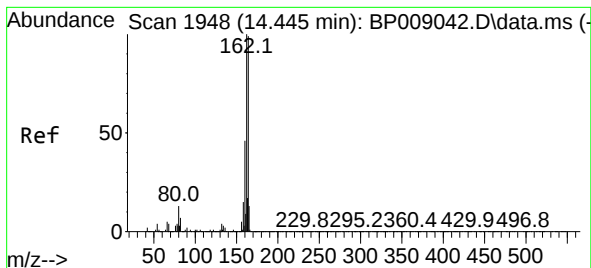
Tgt Ion: 82 Resp: 1534727
Ion Ratio Lower Upper
82 100
128 46.7 39.4 59.2
54 41.7 32.6 48.8



#32
Benzoic acid
Concen: 2.695 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.018 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 297.1 100.1 140.1#
77 742.2 65.5 105.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.422 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP009196.D

Acq: 17 Feb 2022 15:36

Instrument :

BNA_P

ClientSampleId :

COP-2R

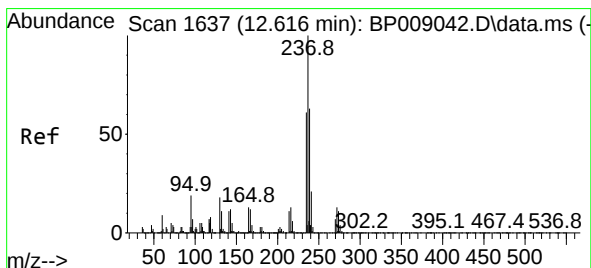
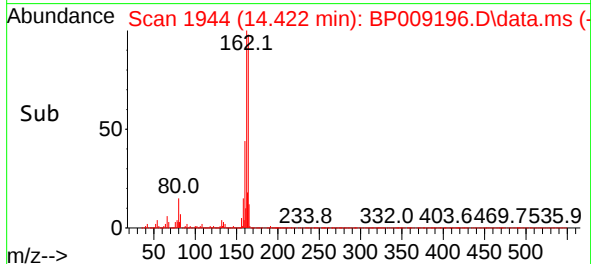
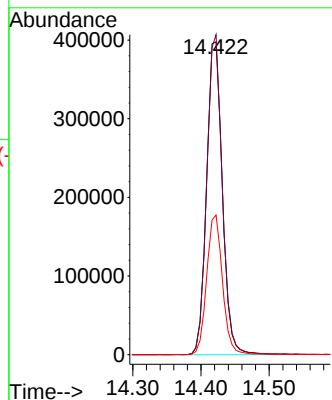
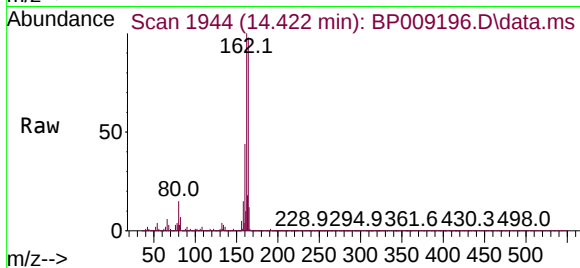
Tgt Ion:164 Resp: 641399

Ion Ratio Lower Upper

164 100

162 102.3 79.9 119.9

160 44.7 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.659 ng

RT: 12.557 min Scan# 1627

Delta R.T. -0.035 min

Lab File: BP009196.D

Acq: 17 Feb 2022 15:36

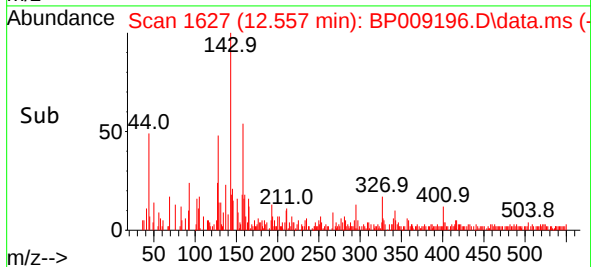
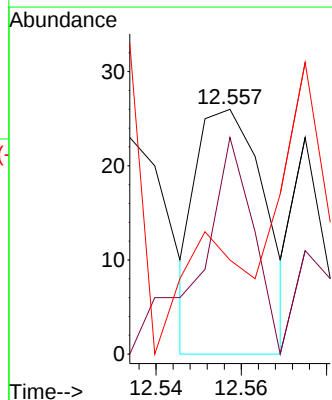
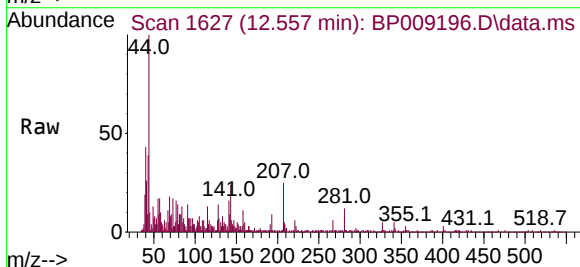
Tgt Ion:237 Resp: 29

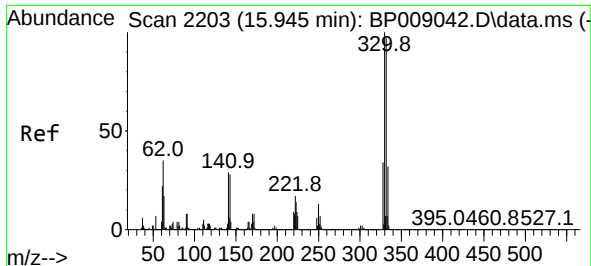
Ion Ratio Lower Upper

237 100

235 65.7 42.9 82.9

272 28.6 0.0 33.8

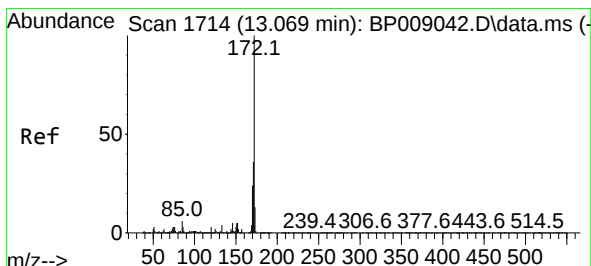
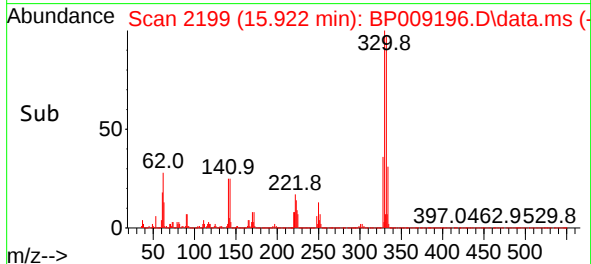
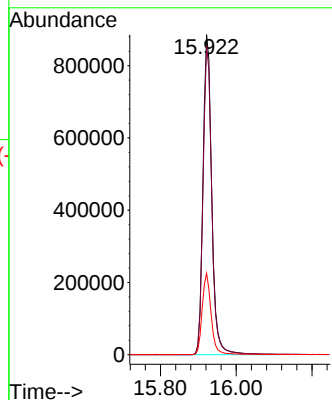
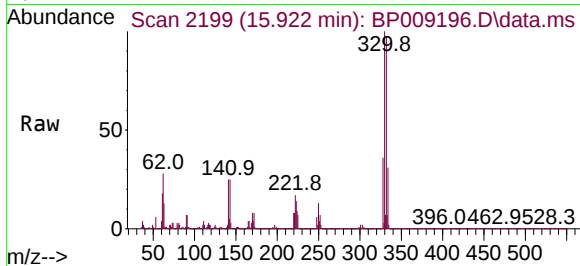




#42
2,4,6-Tribromophenol
Concen: 166.470 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

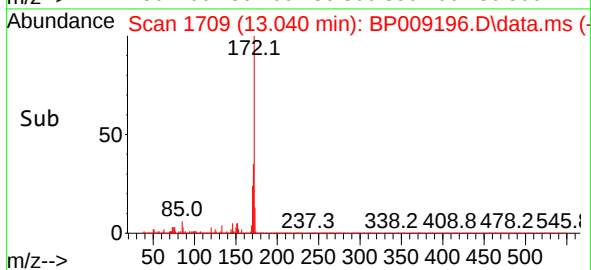
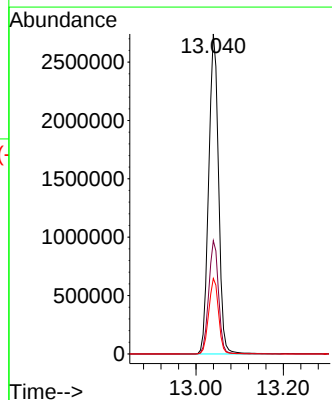
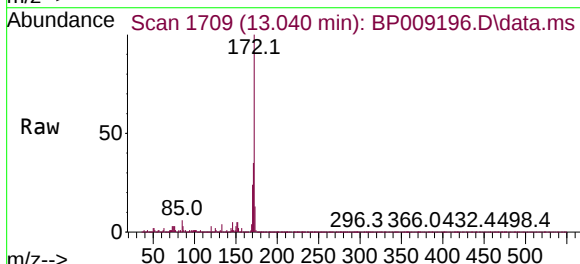
Instrument :
BNA_P
ClientSampleId :
COP-2R

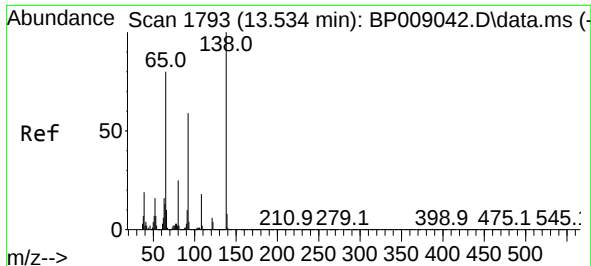
Tgt Ion:330 Resp: 1425622
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 25.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 93.939 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:172 Resp: 4304088
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 23.6 19.5 29.3

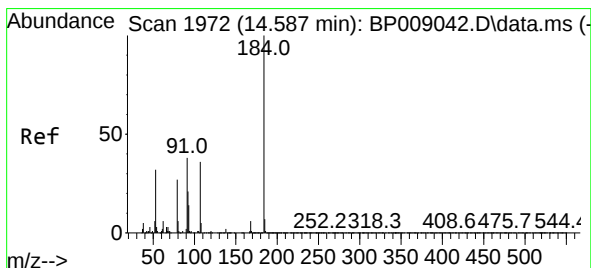
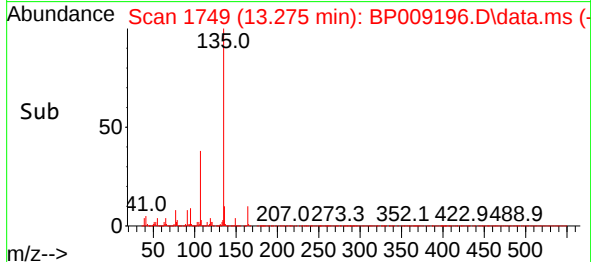
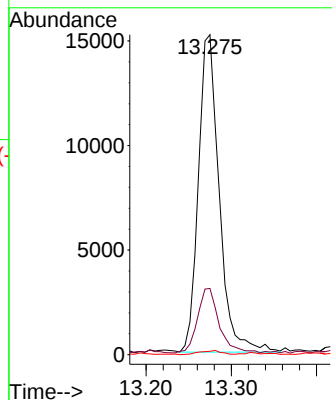
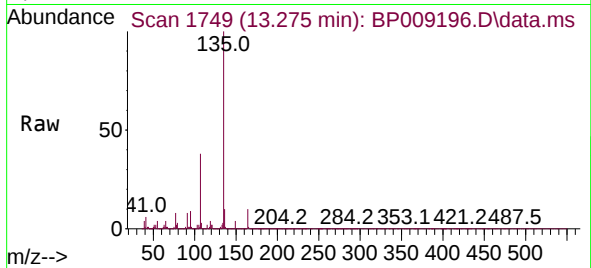




#48
2-Nitroaniline
Concen: 2.971 ng
RT: 13.275 min Scan# 11
Delta R.T. -0.247 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

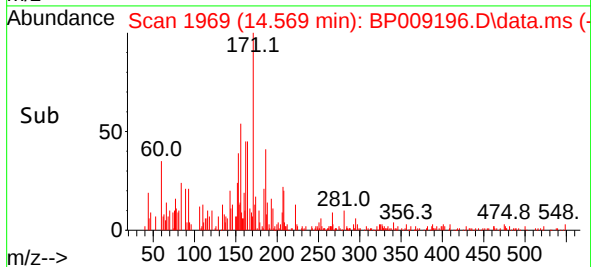
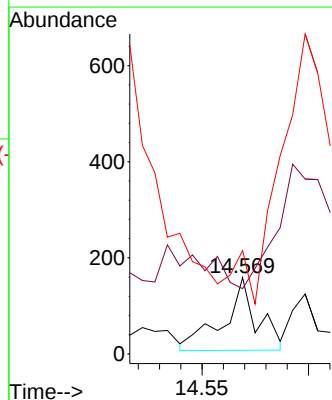
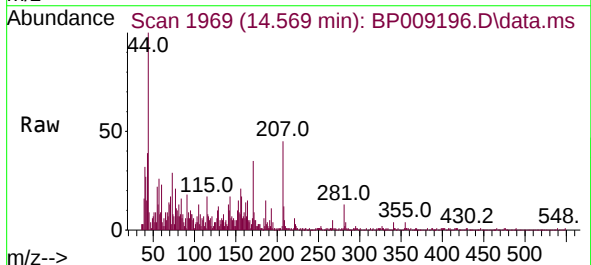
Instrument :
BNA_P
ClientSampleId :
COP-2R

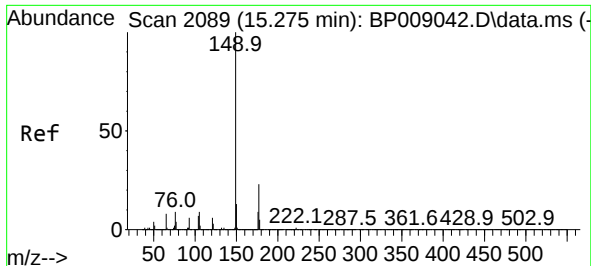
Tgt Ion: 65 Resp: 25782
Ion Ratio Lower Upper
65 100
92 20.7 62.2 93.4#
138 1.1 105.8 158.8#



#54
2,4-Dinitrophenol
Concen: 2.208 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.017 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion: 184 Resp: 166
Ion Ratio Lower Upper
184 100
63 85.5 35.6 53.4#
154 135.2 43.4 65.0#

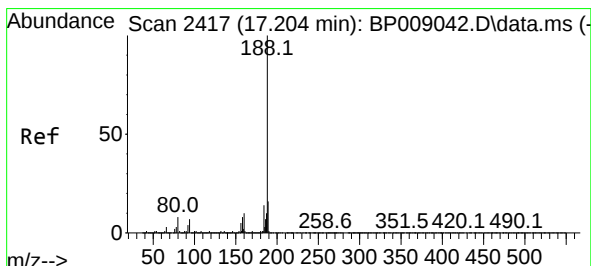
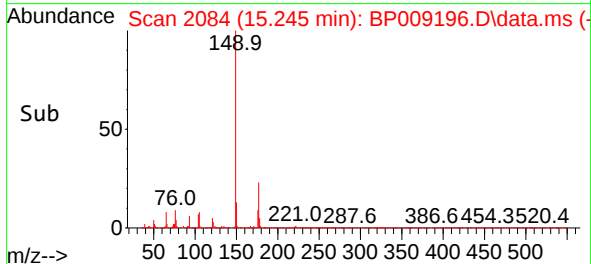
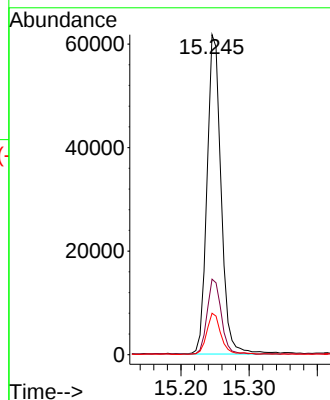
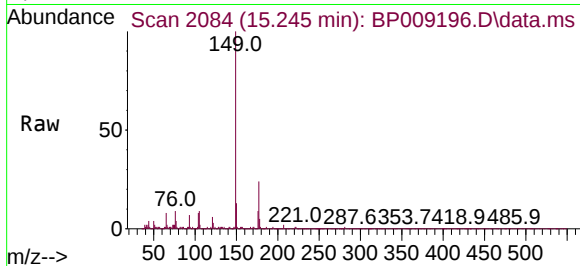




#60
Diethylphthalate
Concen: 2.050 ng
RT: 15.245 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

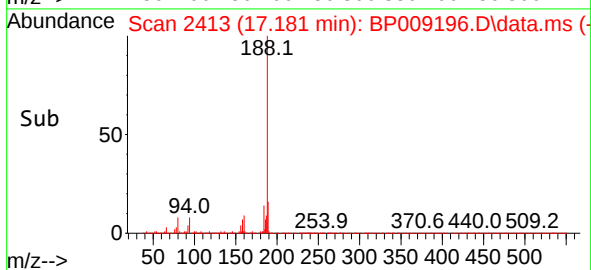
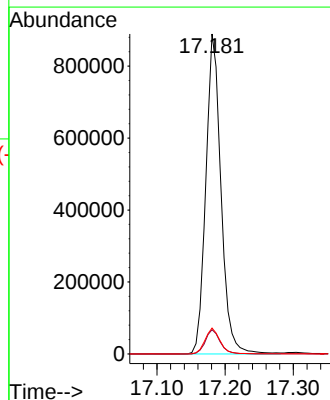
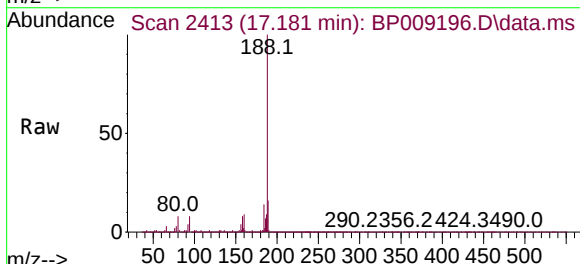
Instrument :
BNA_P
ClientSampleId :
COP-2R

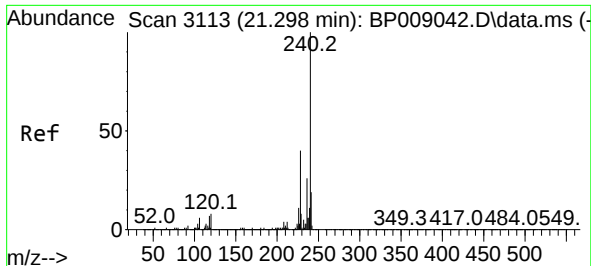
Tgt Ion:149 Resp: 88628
Ion Ratio Lower Upper
149 100
177 23.6 19.9 29.9
150 12.9 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:188 Resp: 1377636
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.2 10.8

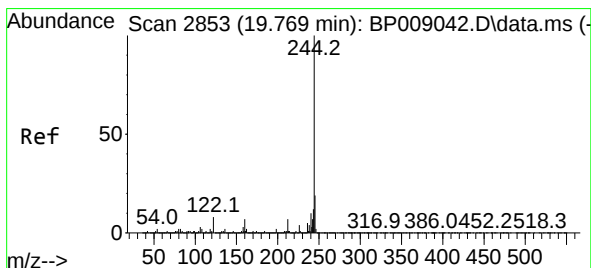
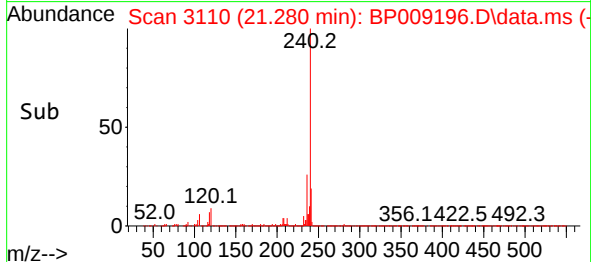
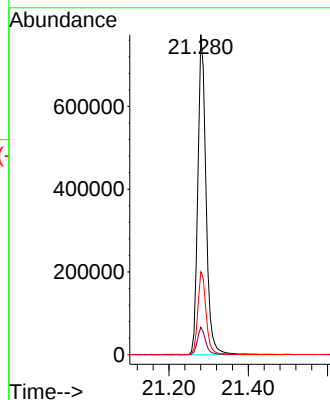
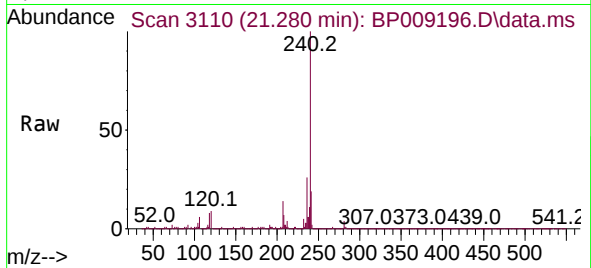




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

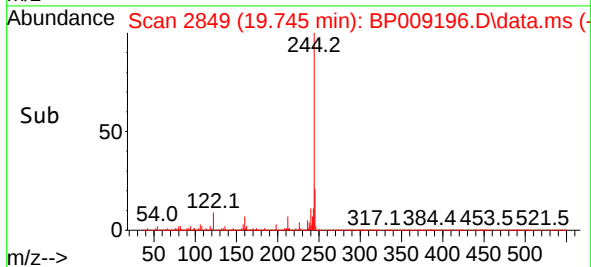
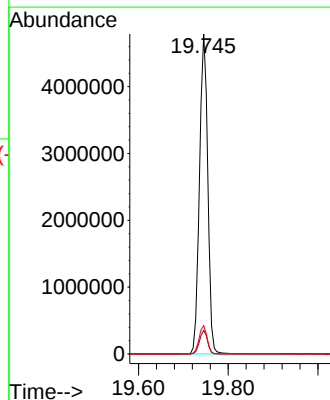
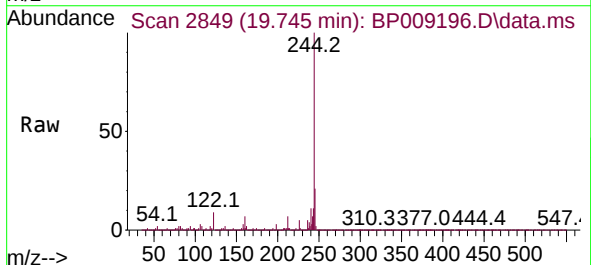
Instrument :
BNA_P
ClientSampleId :
COP-2R

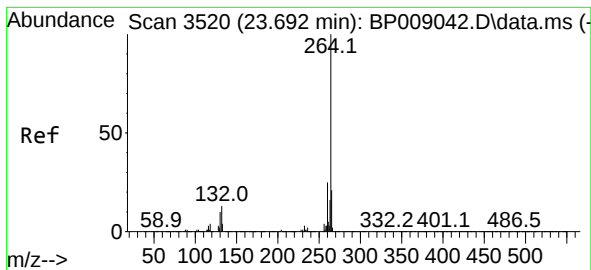
Tgt Ion:240 Resp: 1103980
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 25.9 21.2 31.8



#79
Terphenyl-d14
Concen: 99.738 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:244 Resp: 6122818
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 8.9 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Instrument :
BNA_P
ClientSampleId :
COP-2R

Tgt Ion:264 Resp: 932668

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.1	17.1	25.7

