

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004092.D
 Acq On : 25 Nov 2020 11:31
 Operator : CG/JU
 Sample : PB133220BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133220BL

Quant Time: Nov 25 13:30:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

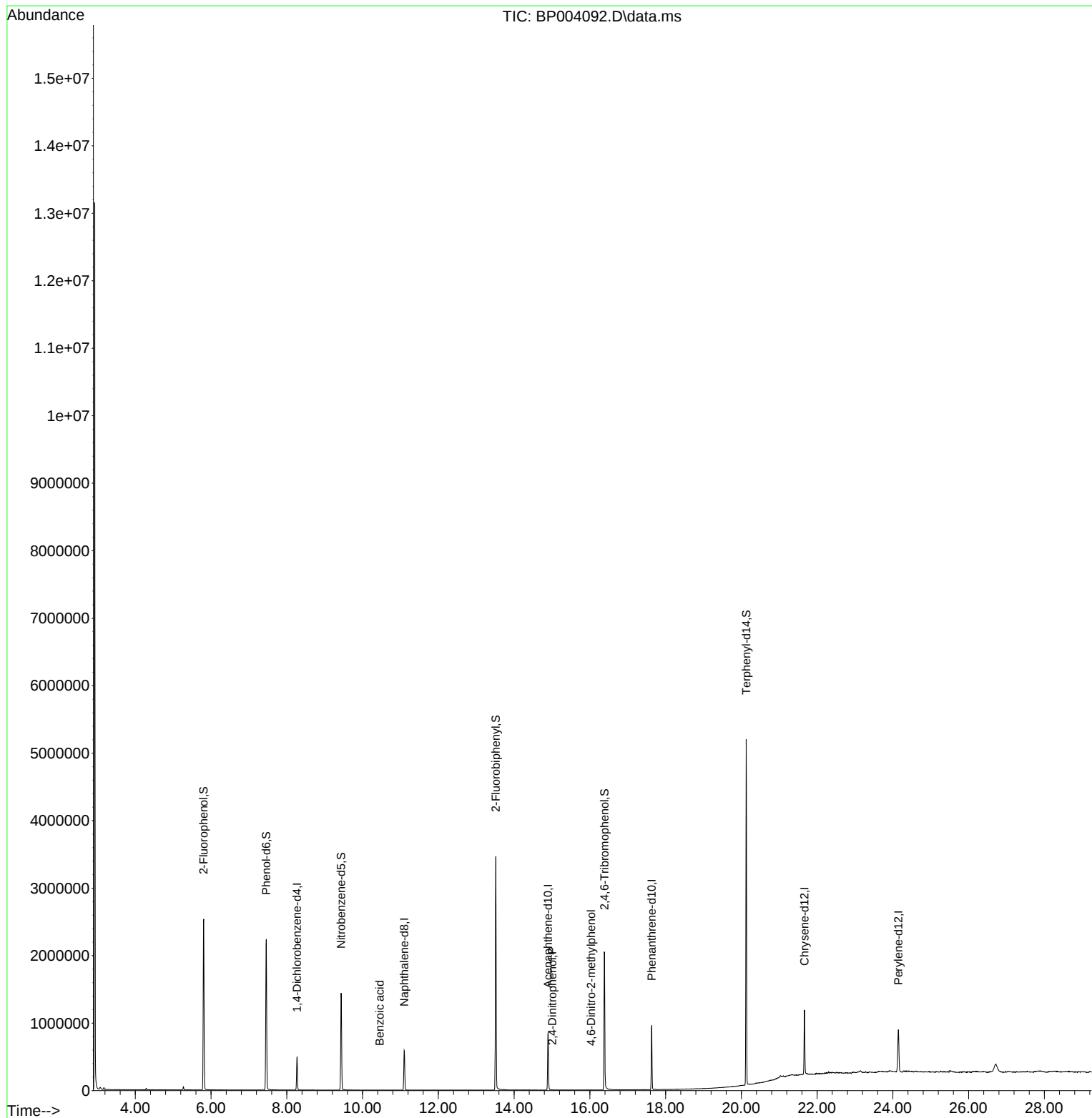
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	133694	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	497764	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	299384	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	588438	20.00	ng	# 0.01
76) Chrysene-d12	21.669	240	503838	20.00	ng	0.00
86) Perylene-d12	24.145	264	511771	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1061067	132.46	ng	0.00
7) Phenol-d6	7.457	99	1282073	111.49	ng	0.00
23) Nitrobenzene-d5	9.434	82	812690	79.96	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	429434	114.68	ng	0.01
45) 2-Fluorobiphenyl	13.516	172	1773660	82.82	ng	0.00
79) Terphenyl-d14	20.127	244	2176922	83.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.346	77	199	Below Cal	#	15
32) Benzoic acid	10.451	122	20	8.31	ng	# 1
54) 2,4-Dinitrophenol	15.004	184	9	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.034	198	14	6.35	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
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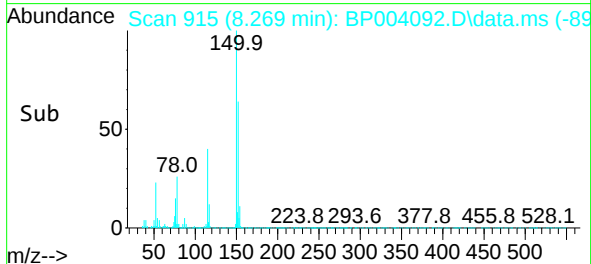
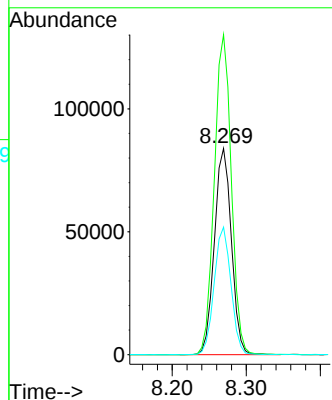
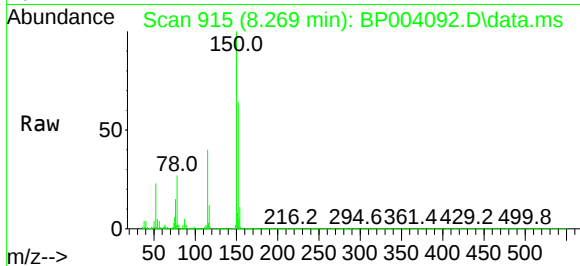




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

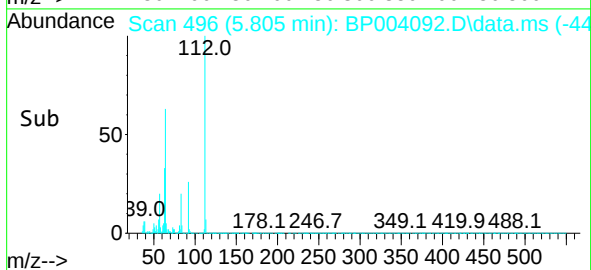
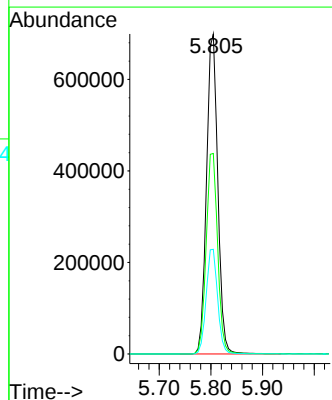
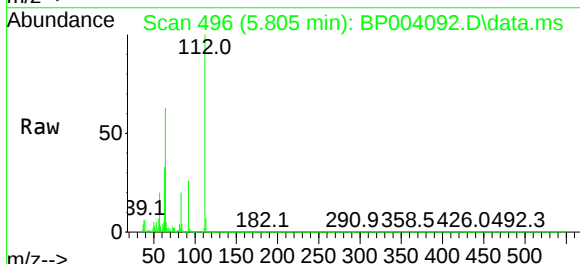
Instrument :
BNA_P
ClientSampleId :
PB133220BL

Tgt Ion:152 Resp: 133694
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 61.8 43.8 65.6



#5
2-Fluorophenol
Concen: 132.46 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

Tgt Ion:112 Resp: 1061067
Ion Ratio Lower Upper
112 100
64 62.7 32.8 49.2#
63 32.7 17.0 25.4#



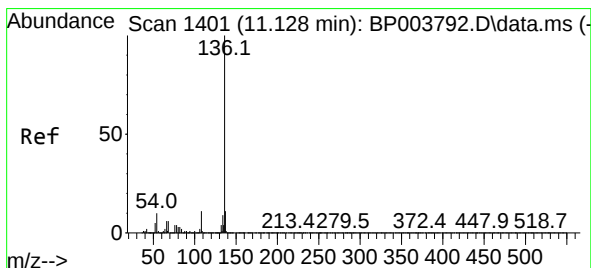
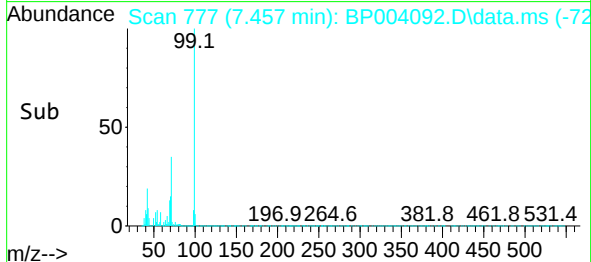
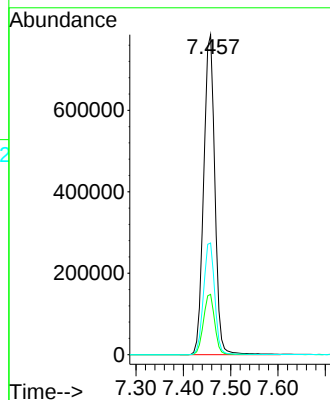
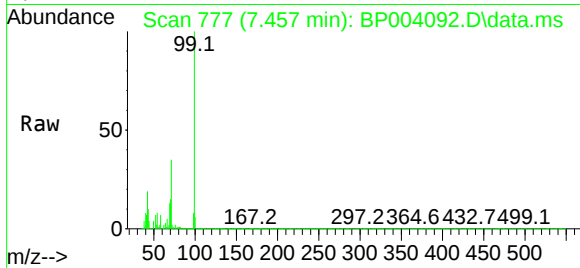


#7
Phenol-d6
Concen: 111.49 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

Instrument :
BNA_P
ClientSampleId :
PB133220BL

Tgt Ion: 99 Resp: 1282073

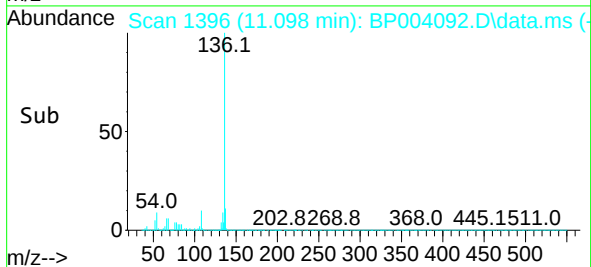
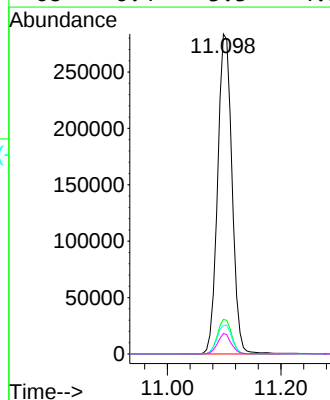
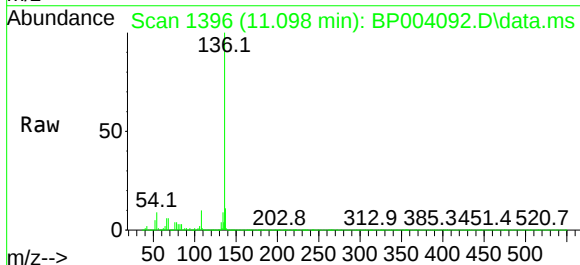
Ion	Ratio	Lower	Upper
99	100		
42	18.8	8.6	13.0#
71	34.9	23.4	35.2

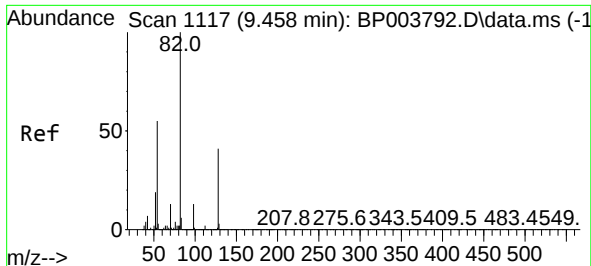


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

Tgt Ion: 136 Resp: 497764

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	3.6	5.4#
68	6.4	3.3	4.9#

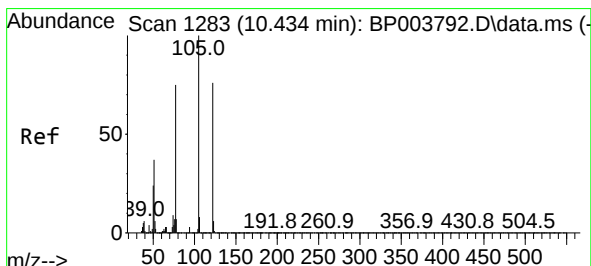
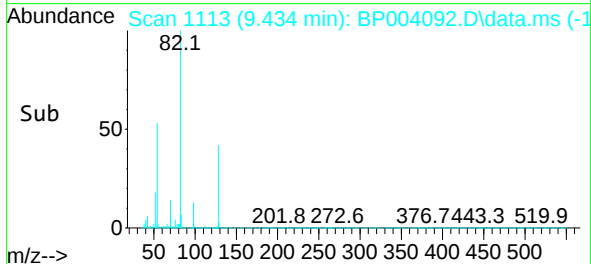
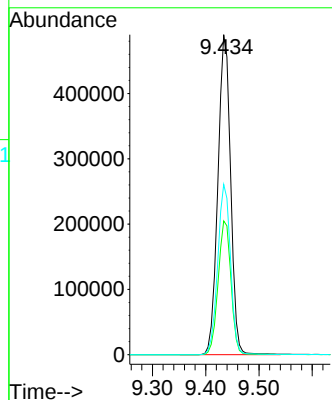
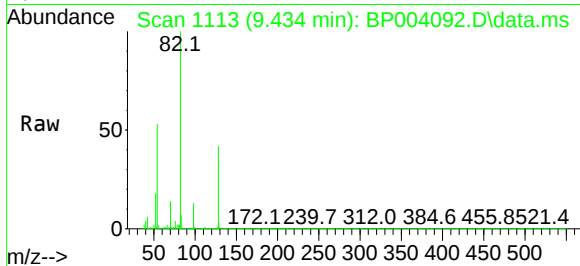




#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

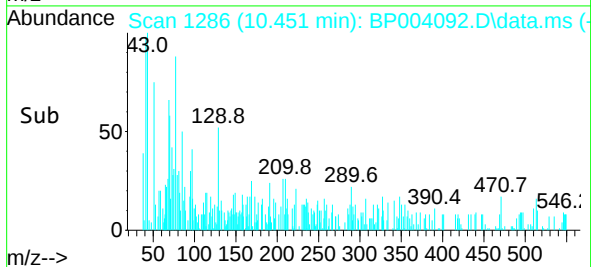
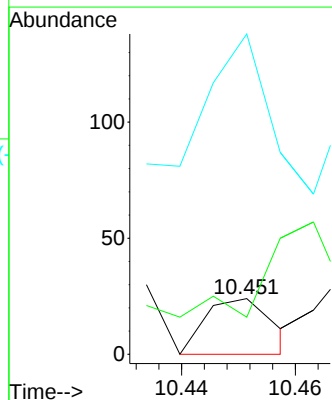
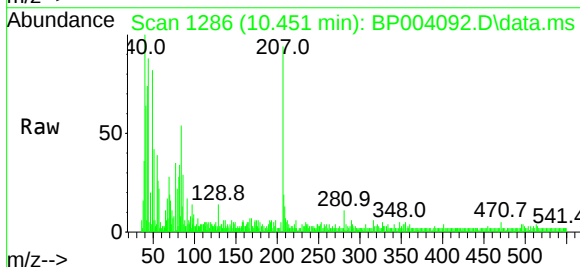
Instrument :
BNA_P
ClientSampleId :
PB133220BL

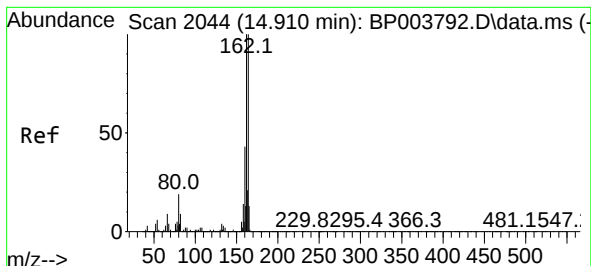
Tgt Ion: 82 Resp: 812690
Ion Ratio Lower Upper
82 100
128 41.8 45.6 68.4#
54 53.2 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 66.7 94.1 134.1#
77 575.0 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.898 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BP004092.D

Acq: 25 Nov 2020 11:31

Instrument :

BNA_P

ClientSampleId :

PB133220BL

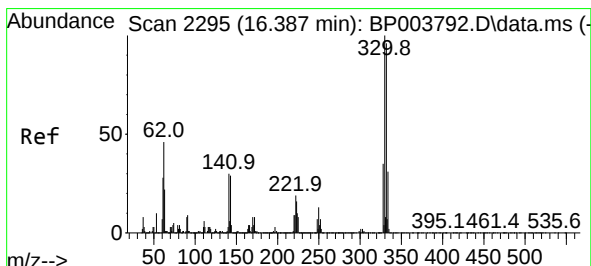
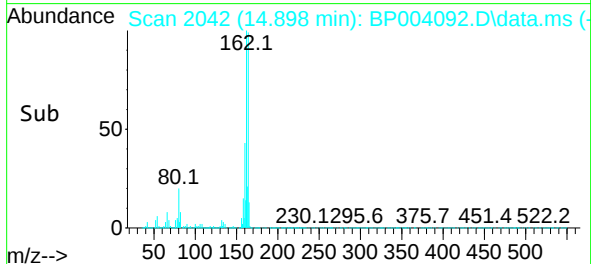
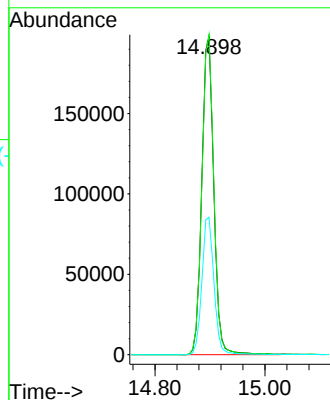
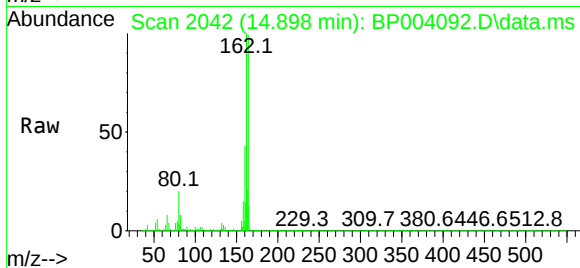
Tgt Ion:164 Resp: 299384

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.2

160 43.2 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 114.68 ng

RT: 16.386 min Scan# 2295

Delta R.T. 0.012 min

Lab File: BP004092.D

Acq: 25 Nov 2020 11:31

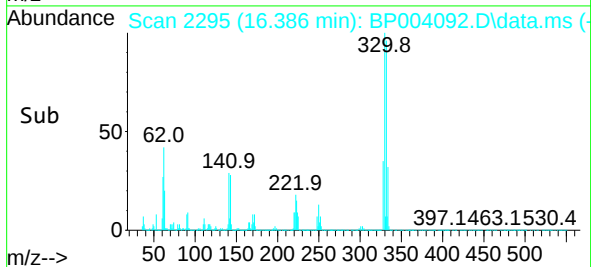
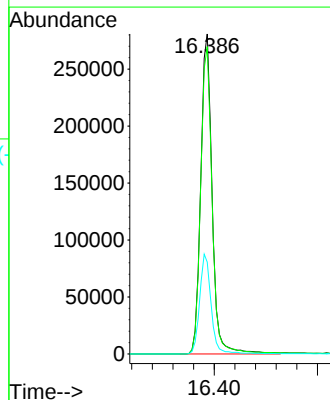
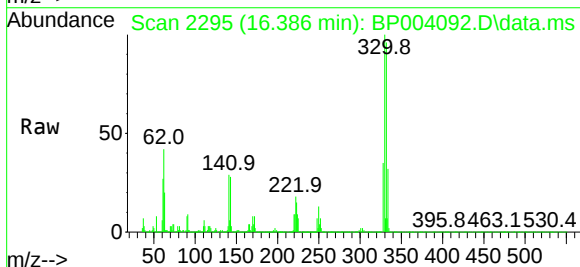
Tgt Ion:330 Resp: 429434

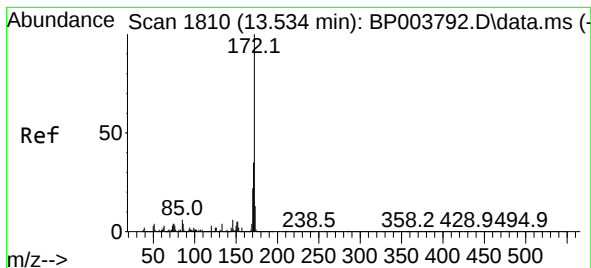
Ion Ratio Lower Upper

330 100

332 98.1 77.1 115.7

141 31.4 23.4 35.2

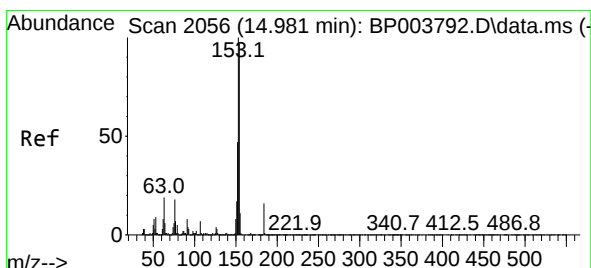
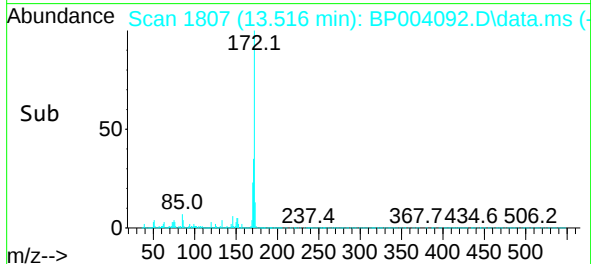
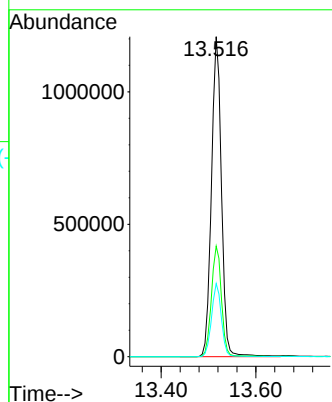
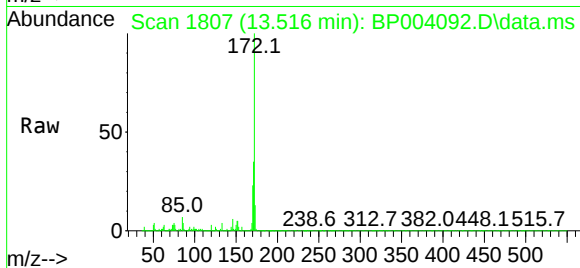




#45
2-Fluorobiphenyl
Concen: 82.82 ng
RT: 13.516 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

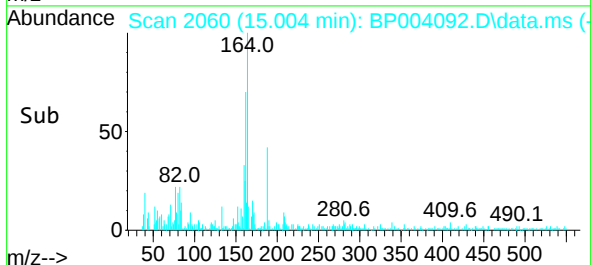
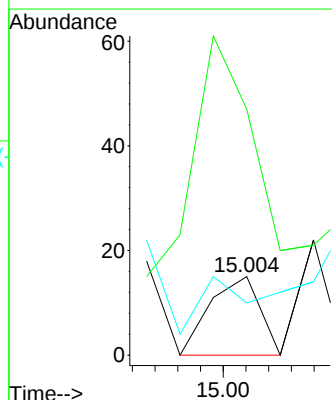
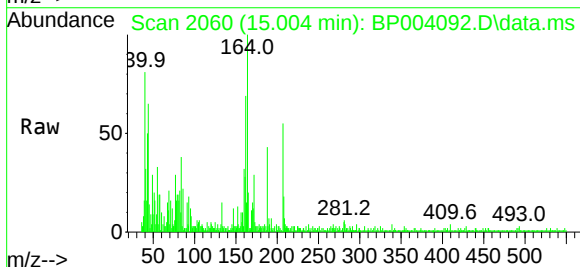
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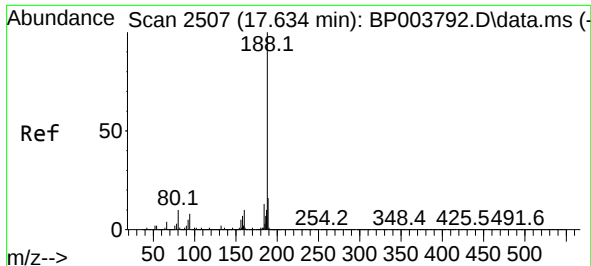
Tgt Ion:172 Resp: 1773660
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 15.004 min Scan# 2060
Delta R.T. 0.012 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 313.3 32.3 48.5#
154 153.3 49.1 73.7#

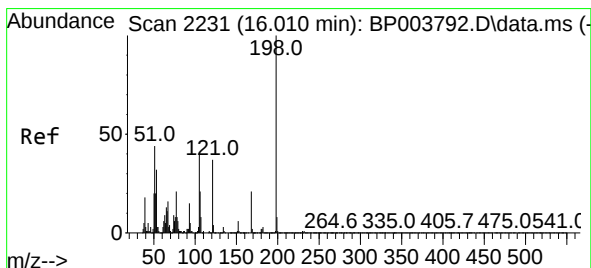
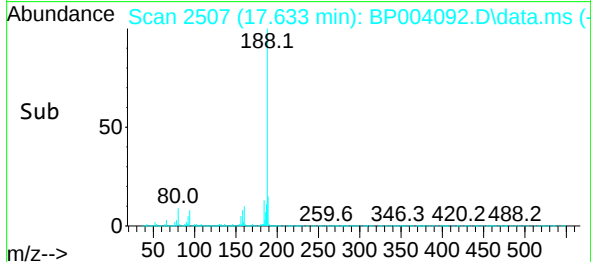
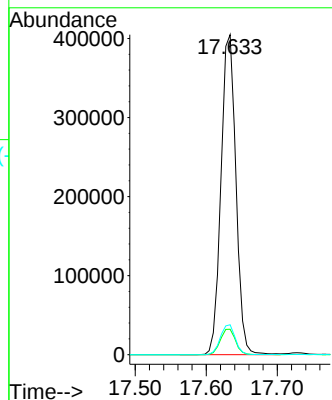
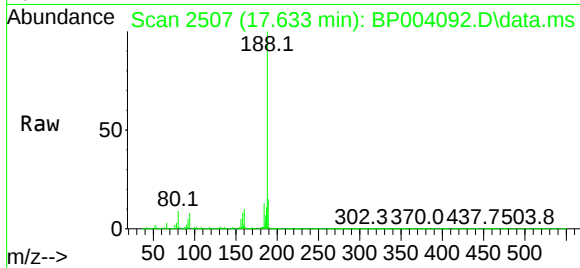




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. 0.012 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

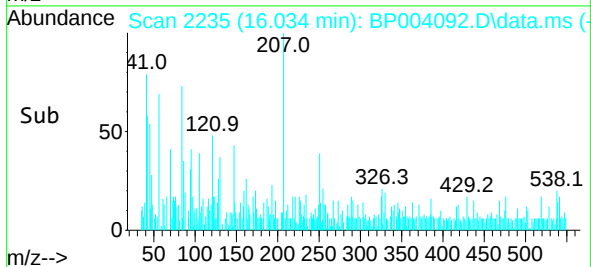
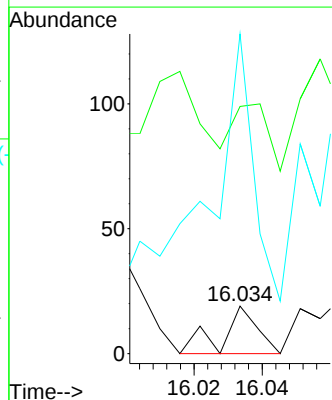
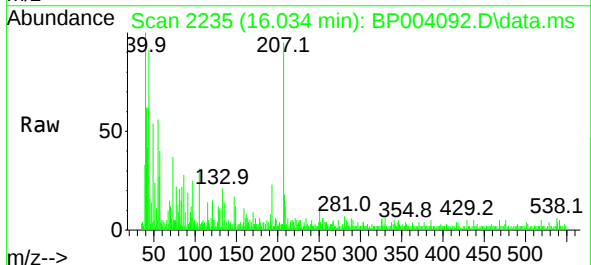
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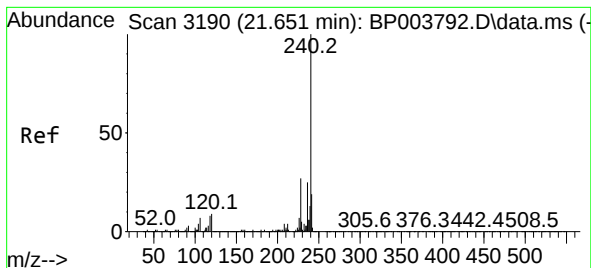
Tgt Ion:188 Resp: 588438
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 9.4 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.034 min Scan# 2235
Delta R.T. 0.018 min
Lab File: BP004092.D
Acq: 25 Nov 2020 11:31

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 521.1 6.4 46.4#
105 673.7 18.9 58.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.669 min Scan# 3193

Delta R.T. 0.006 min

Lab File: BP004092.D

Acq: 25 Nov 2020 11:31

Tgt Ion:240 Resp: 503838

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

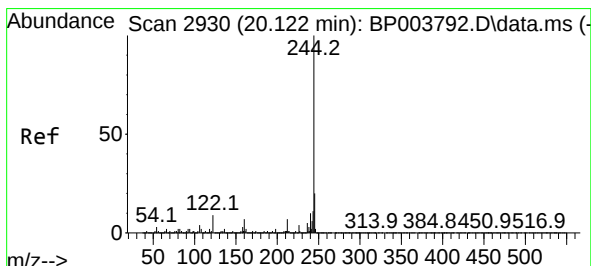
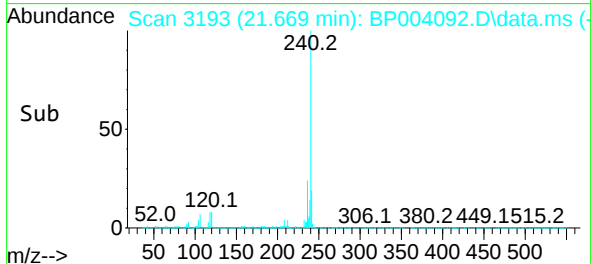
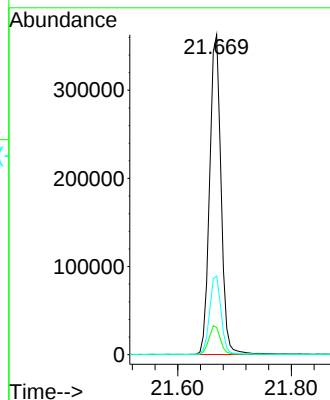
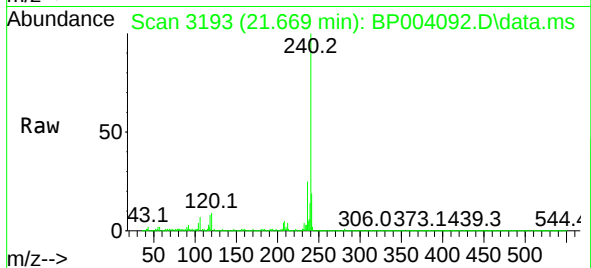
236 24.5 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

PB133220BL



#79

Terphenyl-d14

Concen: 83.47 ng

RT: 20.127 min Scan# 2931

Delta R.T. 0.006 min

Lab File: BP004092.D

Acq: 25 Nov 2020 11:31

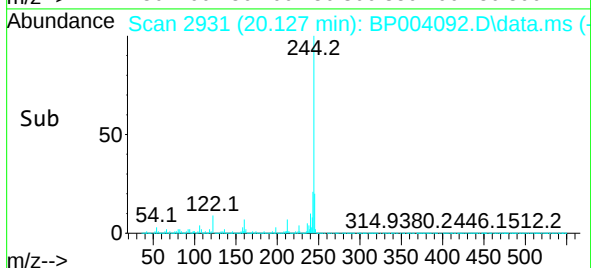
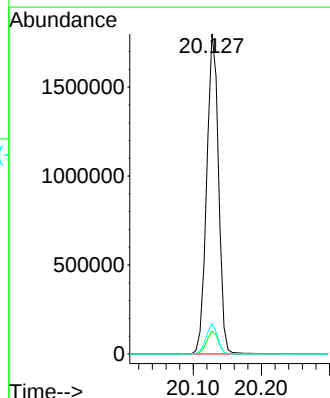
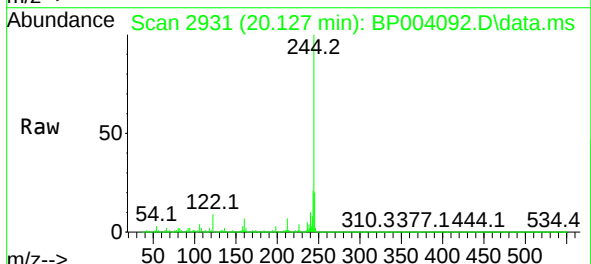
Tgt Ion:244 Resp: 2176922

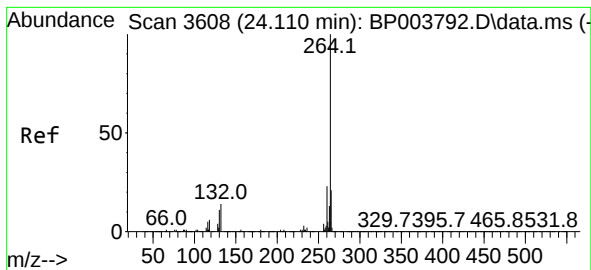
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.4 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.145 min Scan# 3614
 Delta R.T. 0.018 min
 Lab File: BP004092.D
 Acq: 25 Nov 2020 11:31

Instrument :
 BNA_P
 ClientSampleId :
 PB133220BL

Tgt Ion:264 Resp: 511771
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.8 28.2
 265 22.3 17.4 26.2

