

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
 Data File : BP008636.D
 Acq On : 03 Jan 2022 14:18
 Operator : CG/JU
 Sample : M5244-35
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONC-12E

Quant Time: Jan 03 15:15:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

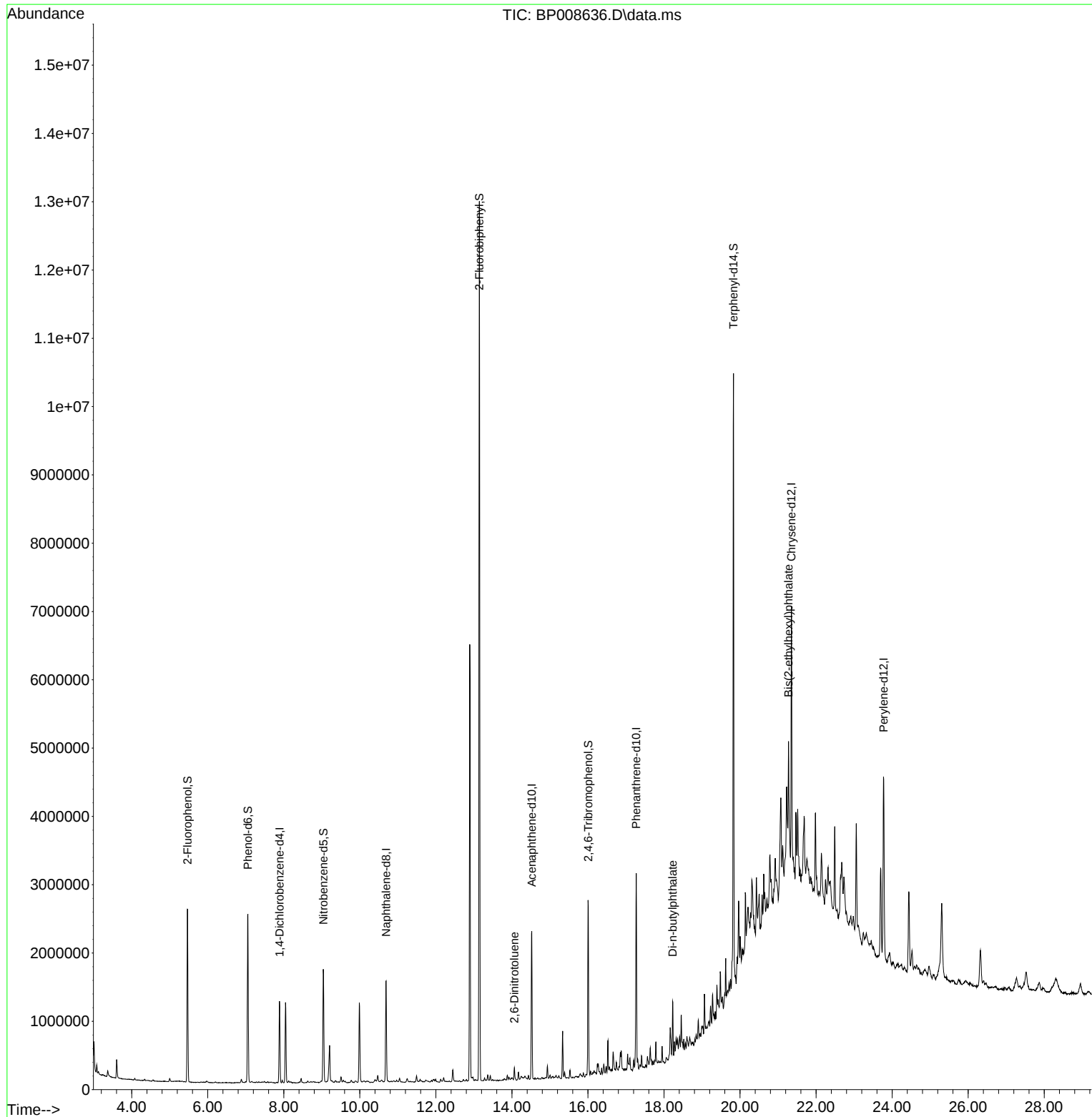
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	369587	20.000	ng	-0.01
21) Naphthalene-d8	10.693	136	1353084	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	828503	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1775179	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1889106	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2156951	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1262840	62.367	ng	0.00
7) Phenol-d6	7.058	99	1587345	56.321	ng	0.00
23) Nitrobenzene-d5	9.040	82	1009016	44.362	ng	-0.02
42) 2,4,6-Tribromophenol	16.010	330	595458	53.122	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2618117	45.783	ng	-0.01
79) Terphenyl-d14	19.827	244	4403426	47.593	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.063	165	28834	2.202	ng	# 39
74) Di-n-butylphthalate	18.228	149	605308	6.045	ng	99
84) Bis(2-ethylhexyl)phtha...	21.274	149	413087	5.579	ng	99

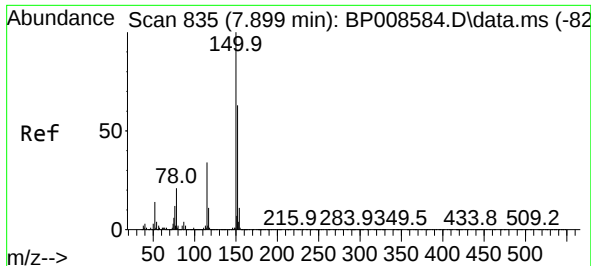
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

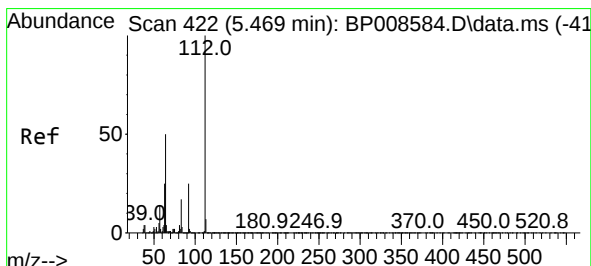
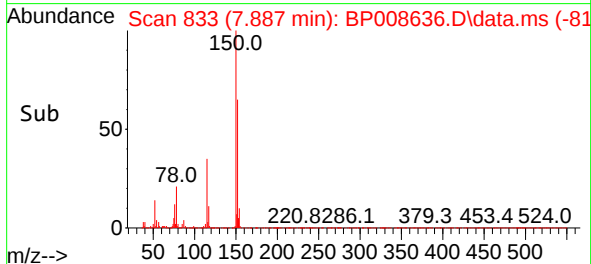
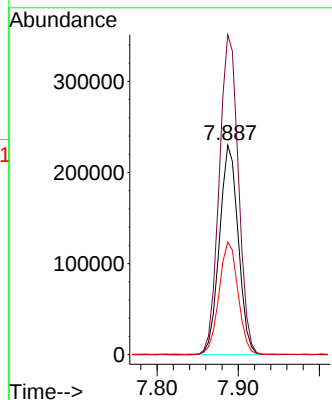
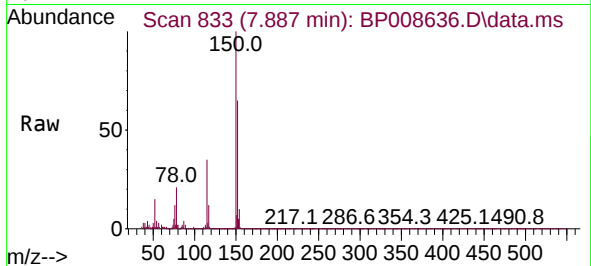




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

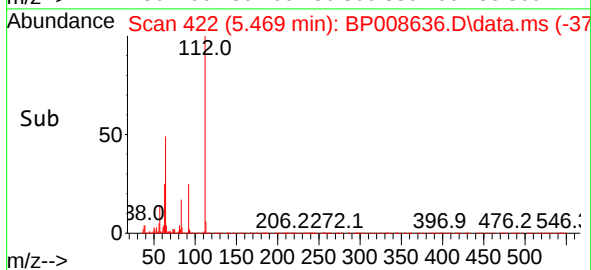
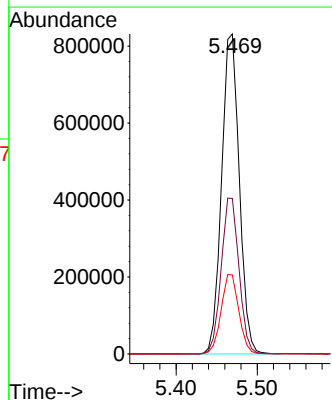
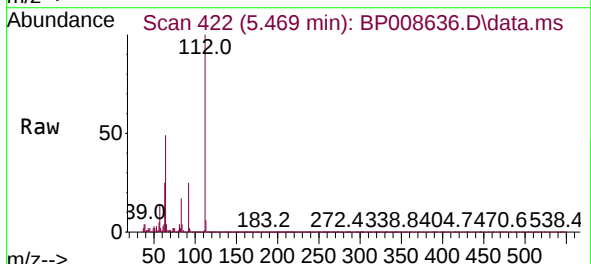
Instrument :
BNA_P
ClientSampleId :
CONC-12E

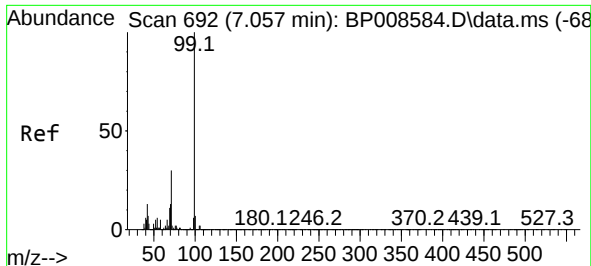
Tgt Ion:152 Resp: 369587
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.6
115 53.8 43.7 65.5



#5
2-Fluorophenol
Concen: 62.367 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

Tgt Ion:112 Resp: 1262840
Ion Ratio Lower Upper
112 100
64 48.6 39.7 59.5
63 24.7 20.0 30.0



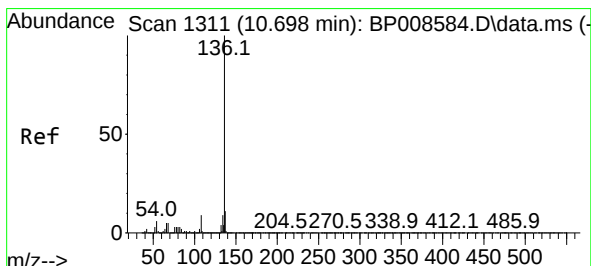
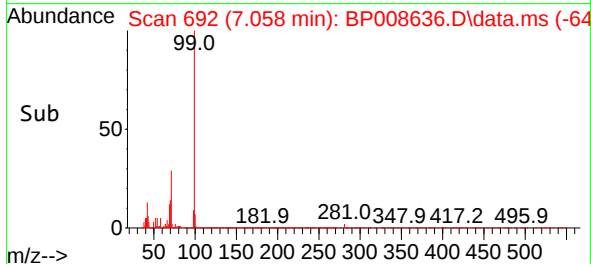
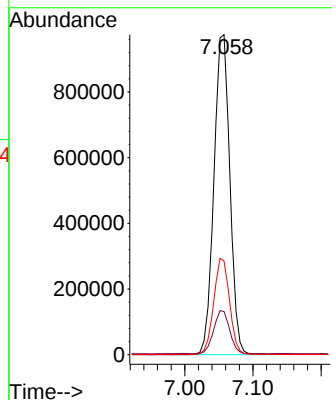
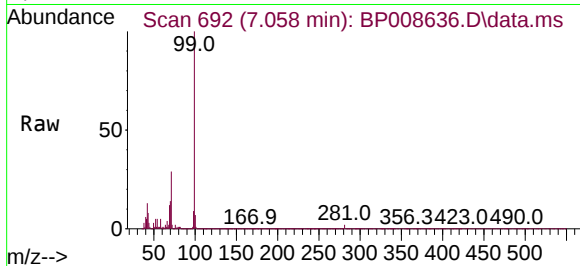


#7
Phenol-d6
Concen: 56.321 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

Instrument :
BNA_P
ClientSampleId :
CONC-12E

Tgt Ion: 99 Resp: 1587345

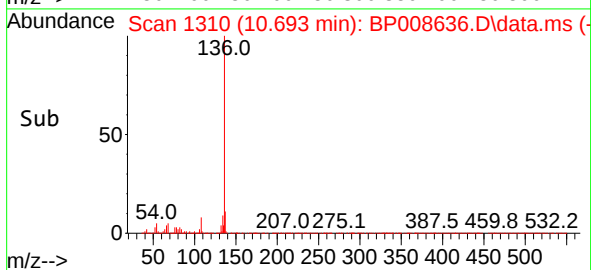
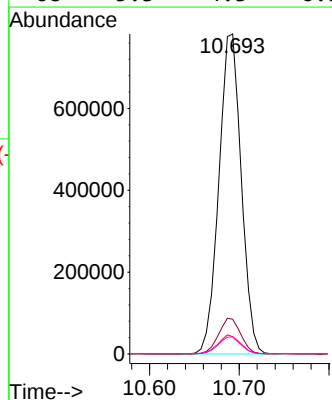
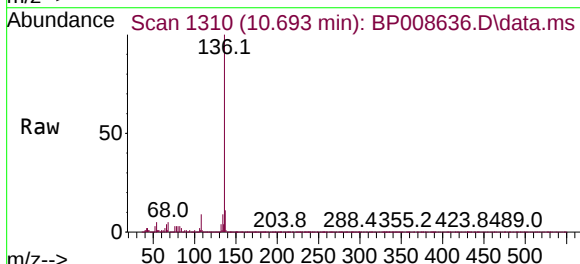
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.8	16.2
71	29.3	23.8	35.6

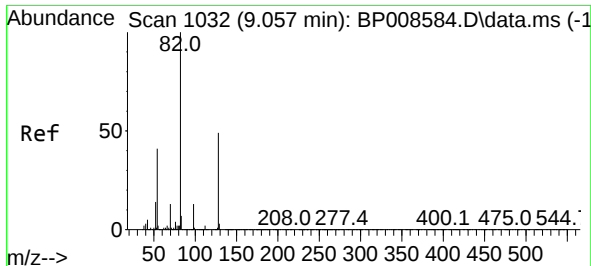


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

Tgt Ion: 136 Resp: 1353084

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.4	4.9	7.3
68	5.3	4.3	6.5





#23

Nitrobenzene-d5

Concen: 44.362 ng

RT: 9.040 min Scan# 1029

Delta R.T. -0.018 min

Lab File: BP008636.D

Acq: 03 Jan 2022 14:18

Instrument :

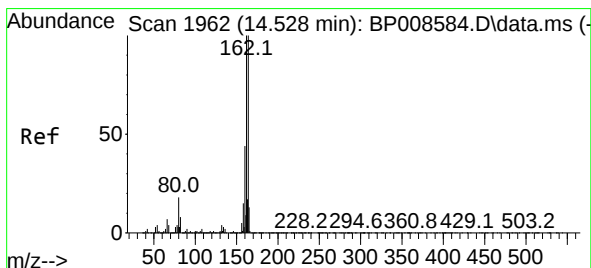
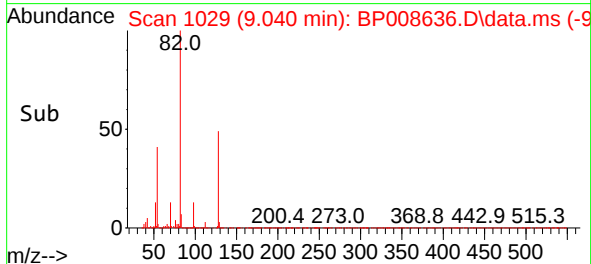
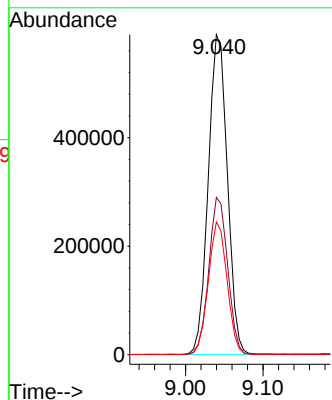
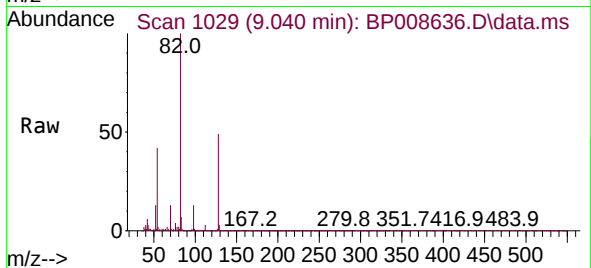
BNA_P

ClientSampleId :

CONC-12E

Tgt Ion: 82 Resp: 1009016

Ion	Ratio	Lower	Upper
82	100		
128	49.2	39.4	59.2
54	41.5	32.6	48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1961

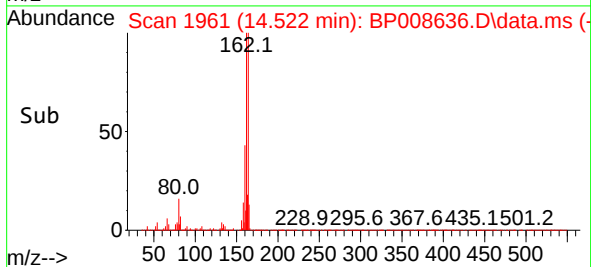
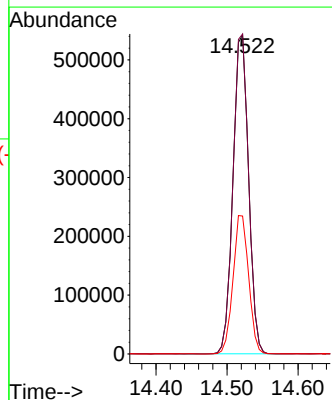
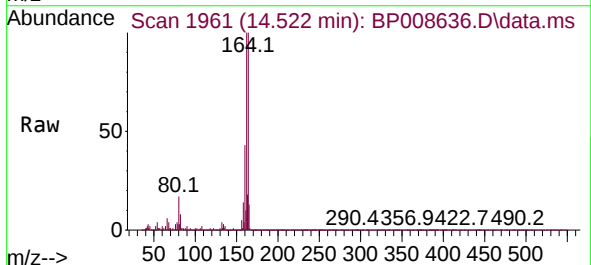
Delta R.T. -0.006 min

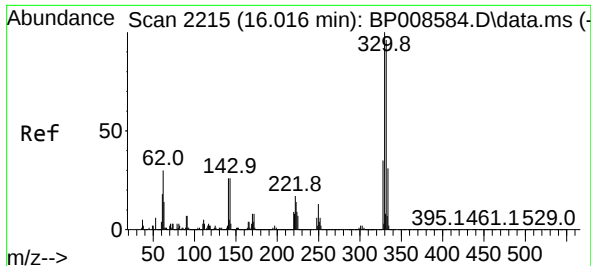
Lab File: BP008636.D

Acq: 03 Jan 2022 14:18

Tgt Ion:164 Resp: 828503

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	43.2	35.5	53.3

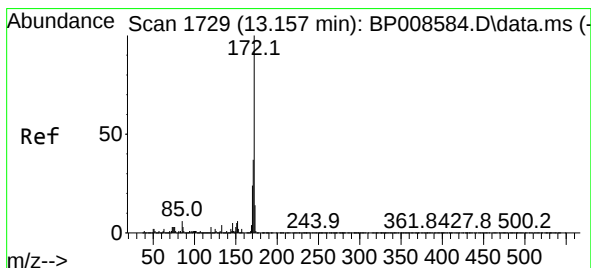
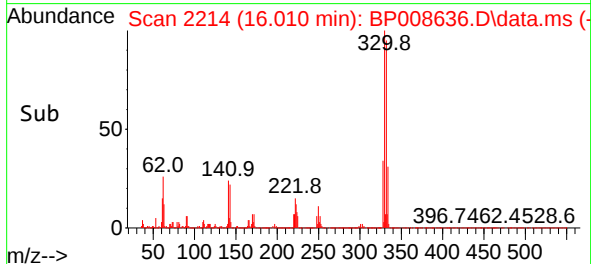
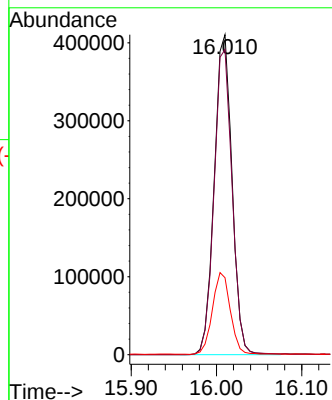
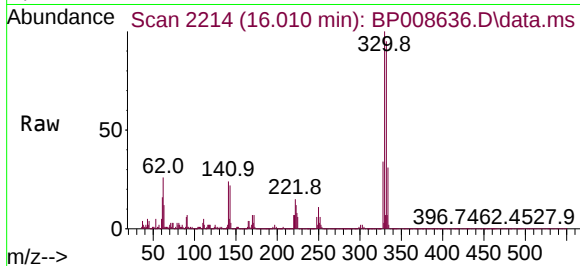




#42
2,4,6-Tribromophenol
Concen: 53.122 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

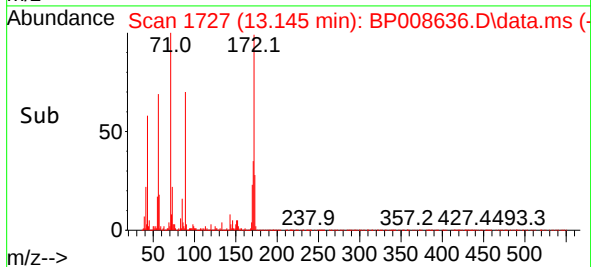
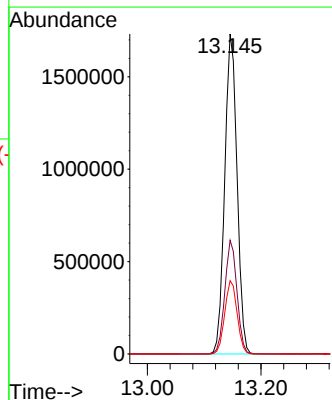
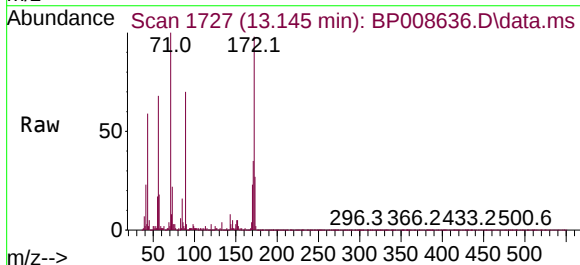
Instrument :
BNA_P
ClientSampleId :
CONC-12E

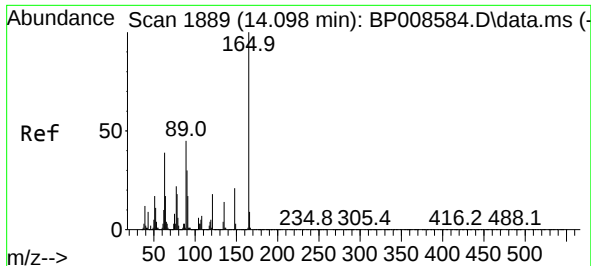
Tgt Ion:330 Resp: 595458
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 25.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 45.783 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

Tgt Ion:172 Resp: 2618117
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 22.9 19.5 29.3

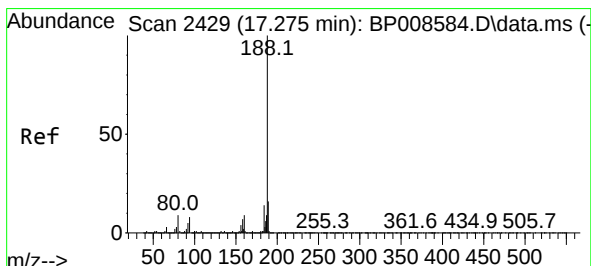
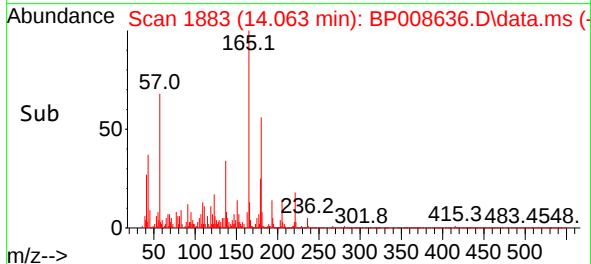
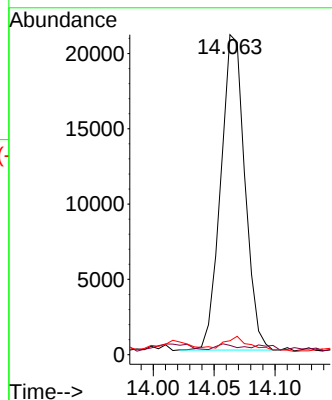
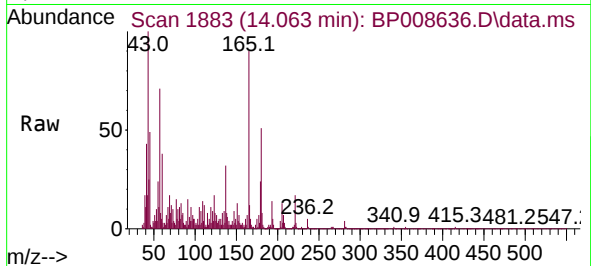




#51
2,6-Dinitrotoluene
Concen: 2.202 ng
RT: 14.063 min Scan# 1883
Delta R.T. -0.035 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

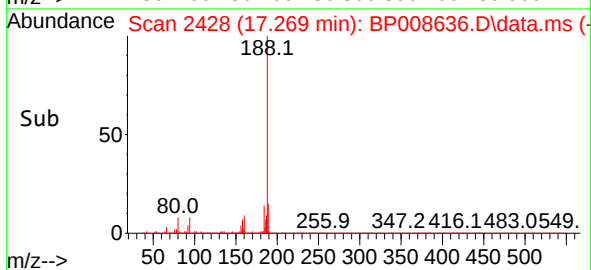
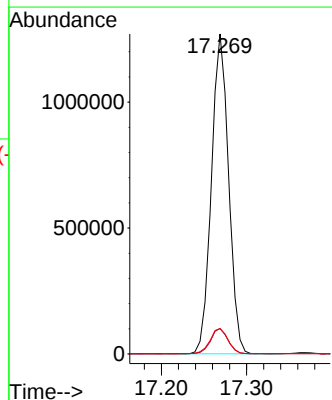
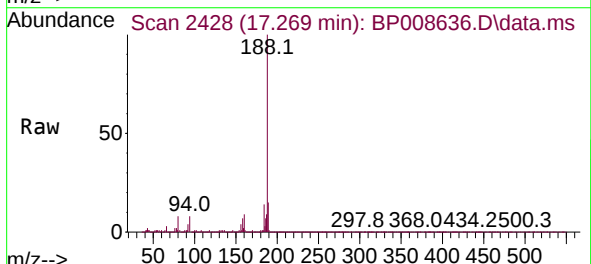
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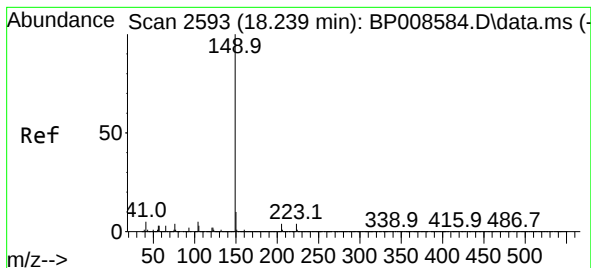
Tgt Ion:165 Resp: 28834
Ion Ratio Lower Upper
165 100
63 2.9 31.8 47.8#
89 4.4 36.1 54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008636.D
Acq: 03 Jan 2022 14:18

Tgt Ion:188 Resp: 1775179
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 7.9 7.2 10.8





#74

Di-n-butylphthalate

Concen: 6.045 ng

RT: 18.228 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP008636.D

Acq: 03 Jan 2022 14:18

Instrument :

BNA_P

ClientSampleId :

CONC-12E

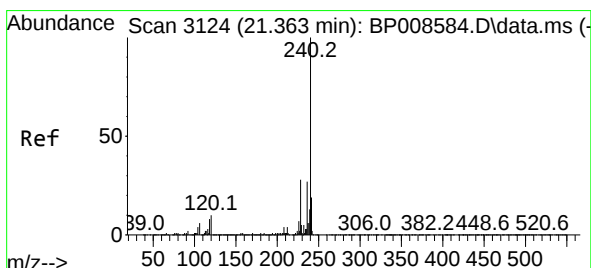
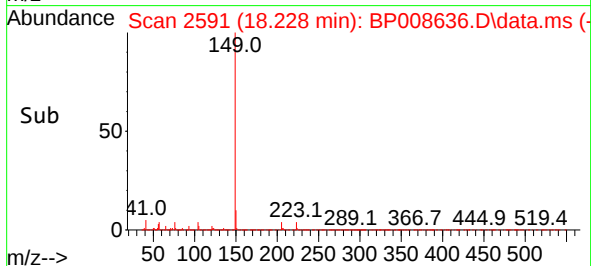
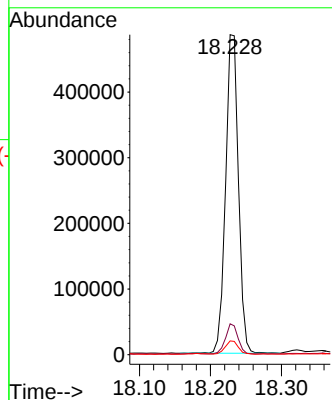
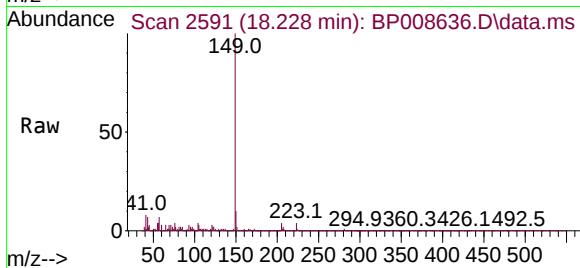
Tgt Ion:149 Resp: 605308

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

104 4.3 3.7 5.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.351 min Scan# 3122

Delta R.T. -0.012 min

Lab File: BP008636.D

Acq: 03 Jan 2022 14:18

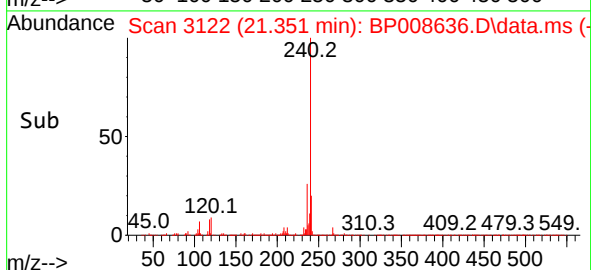
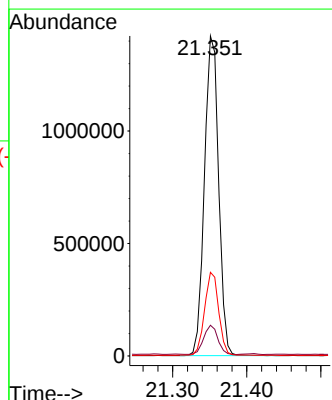
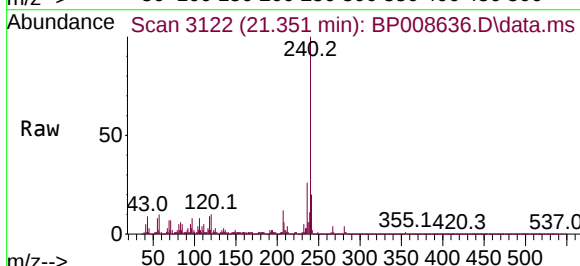
Tgt Ion:240 Resp: 1889106

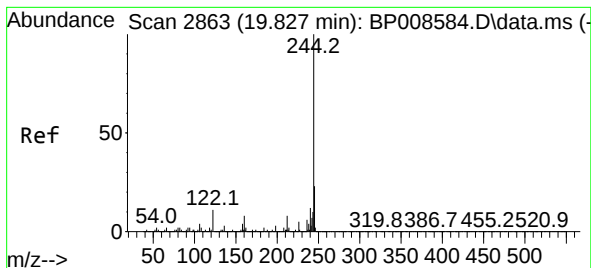
Ion Ratio Lower Upper

240 100

120 9.6 7.7 11.5

236 26.2 21.2 31.8





#79

Terphenyl-d14

Concen: 47.593 ng

RT: 19.827 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP008636.D

Acq: 03 Jan 2022 14:18

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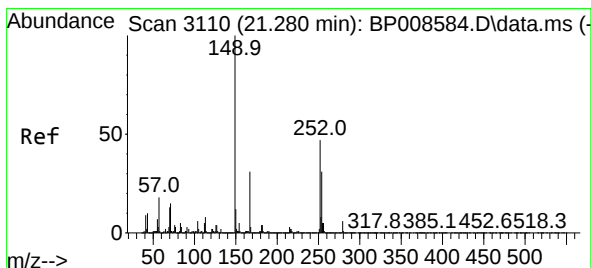
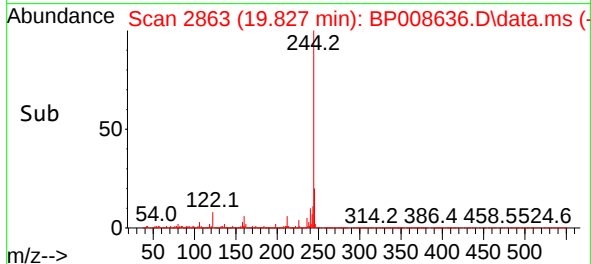
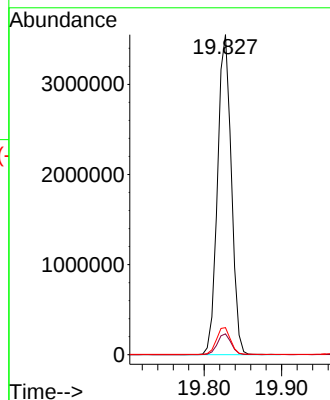
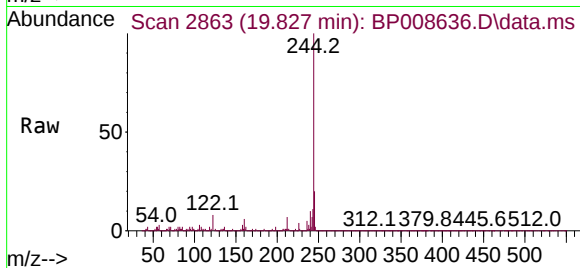
Tgt Ion:244 Resp: 4403426

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

122 8.5 9.2 13.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.579 ng

RT: 21.274 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP008636.D

Acq: 03 Jan 2022 14:18

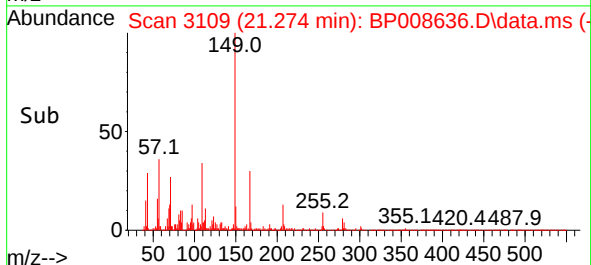
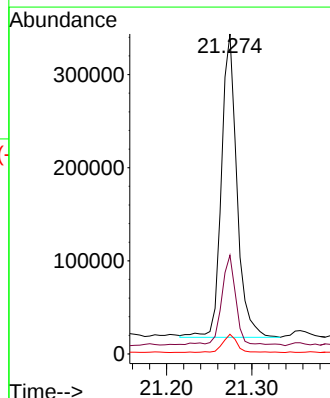
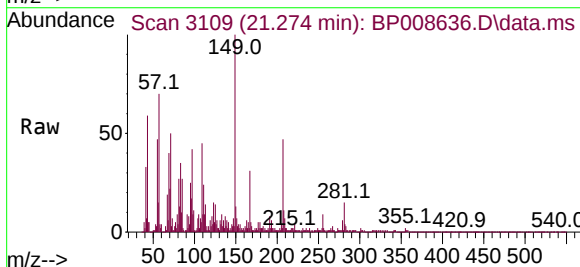
Tgt Ion:149 Resp: 413087

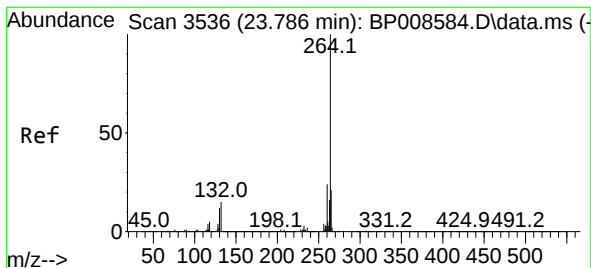
Ion Ratio Lower Upper

149 100

167 30.8 25.0 37.4

279 6.2 4.8 7.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP008636.D

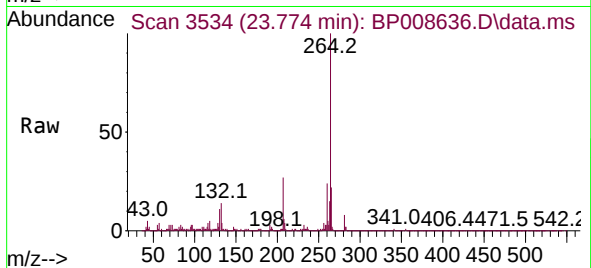
Acq: 03 Jan 2022 14:18

Instrument :

BNA_P

ClientSampleId :

CONC-12E



Tgt Ion:264 Resp: 2156951

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.3 17.1 25.7

