

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008615.D
 Acq On : 30 Dec 2021 19:19
 Operator : CG/JU
 Sample : M5244-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONC-5D

Quant Time: Dec 31 08:14:26 2021
 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)

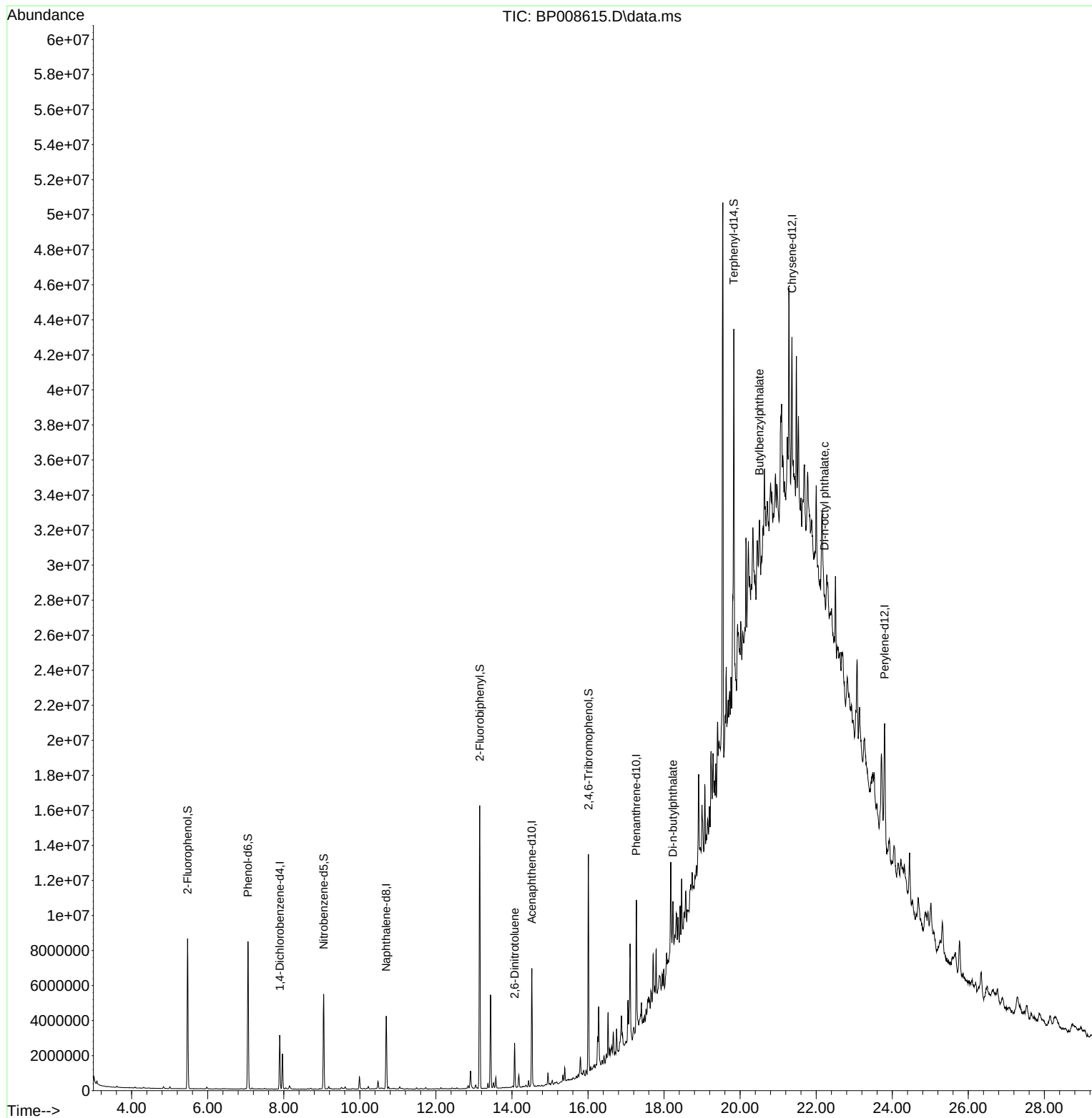
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	953384	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	3754657	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	2493884	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	4928908	20.000	ng	0.00
76) Chrysene-d12	21.363	240	4505390	20.000	ng	0.00
86) Perylene-d12	23.798	264	5345683	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	4314931	82.610	ng	0.00
7) Phenol-d6	7.058	99	5398922	74.260	ng	0.00
23) Nitrobenzene-d5	9.046	82	3296426	52.228	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2723703	80.723	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	9051784	52.586	ng	0.00
79) Terphenyl-d14	19.833	244	11867586	53.782	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.069	165	194480	4.934	ng	# 53
74) Di-n-butylphthalate	18.233	149	1722493	6.195	ng	99
80) Butylbenzylphthalate	20.510	149	443660	3.795	ng	96
85) Di-n-octyl phthalate	22.221	149	591554	2.164	ng	# 83

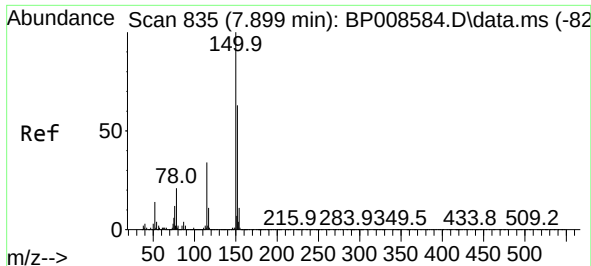
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

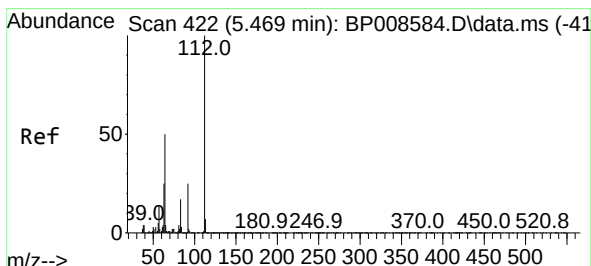
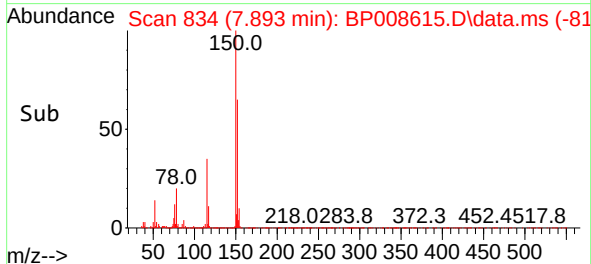
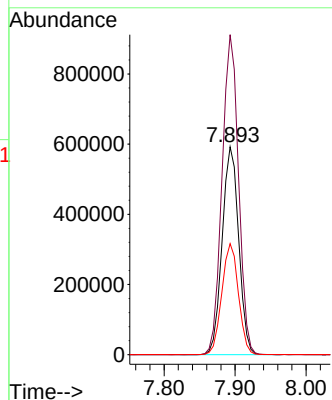
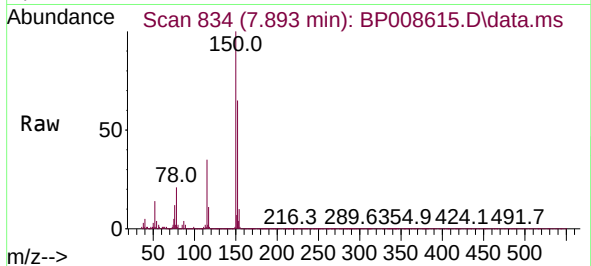




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.893 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008615.D
 Acq: 30 Dec 2021 19:19

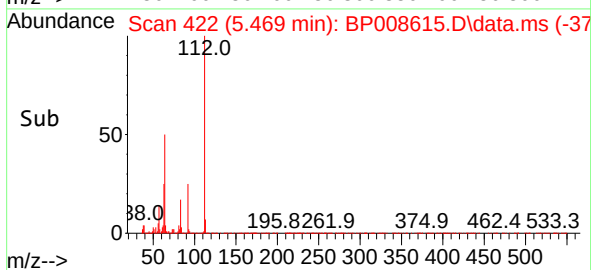
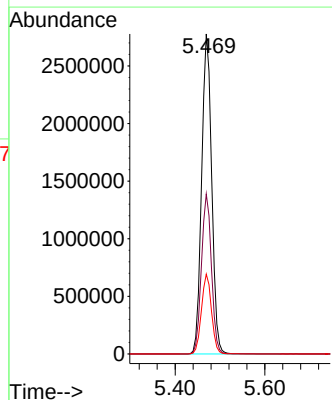
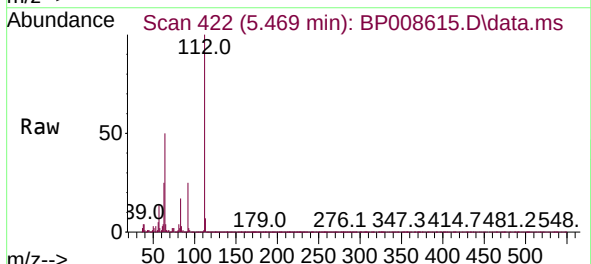
Instrument :
 BNA_P
 ClientSampleId :
 CONC-5D

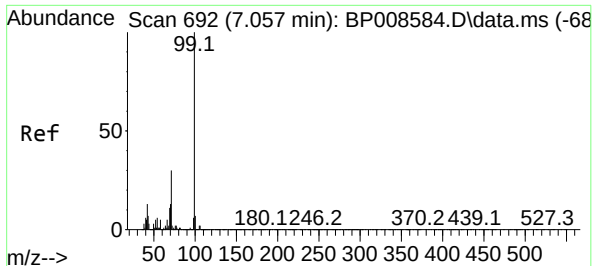
Tgt Ion:152 Resp: 953384
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.0 190.6
 115 53.5 43.7 65.5



#5
 2-Fluorophenol
 Concen: 82.610 ng
 RT: 5.469 min Scan# 422
 Delta R.T. 0.000 min
 Lab File: BP008615.D
 Acq: 30 Dec 2021 19:19

Tgt Ion:112 Resp: 4314931
 Ion Ratio Lower Upper
 112 100
 64 50.0 39.7 59.5
 63 25.0 20.0 30.0

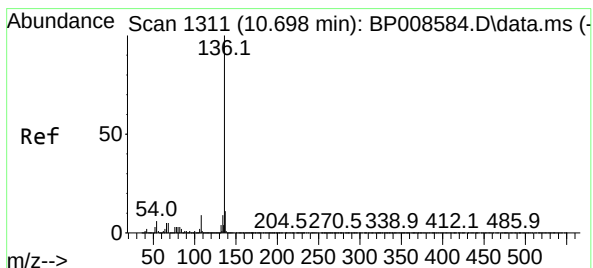
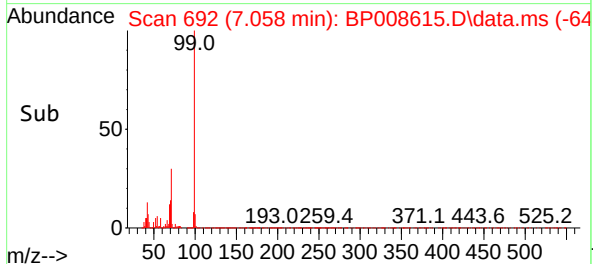
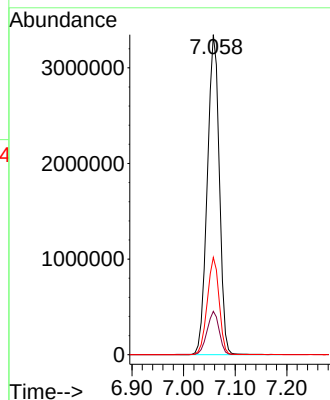
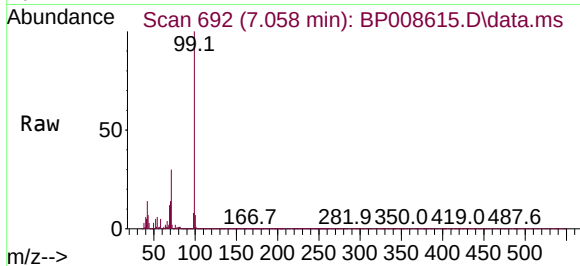




#7
Phenol-d6
Concen: 74.260 ng
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

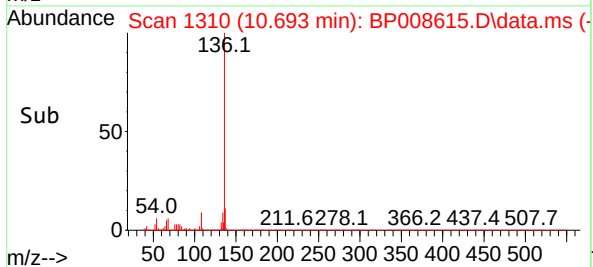
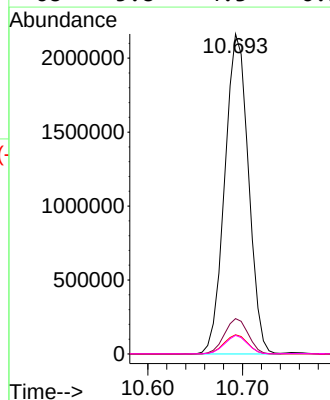
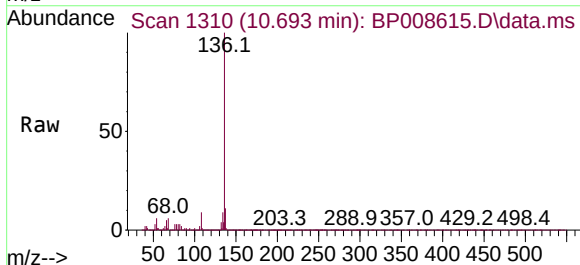
Instrument :
BNA_P
ClientSampleId :
CONC-5D

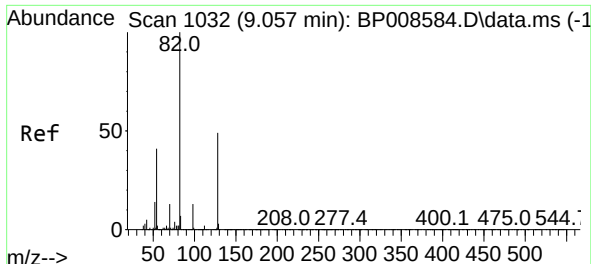
Tgt Ion: 99 Resp: 5398922
Ion Ratio Lower Upper
99 100
42 13.5 10.8 16.2
71 30.4 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

Tgt Ion:136 Resp: 3754657
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.0 4.9 7.3
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 52.228 ng

RT: 9.046 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BP008615.D

Acq: 30 Dec 2021 19:19

Instrument :

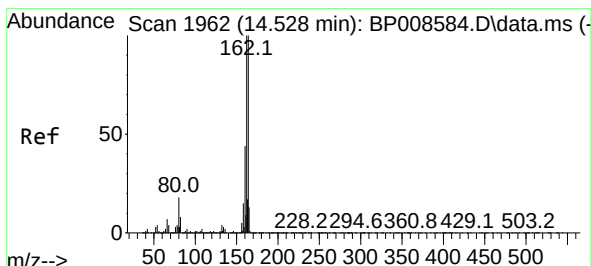
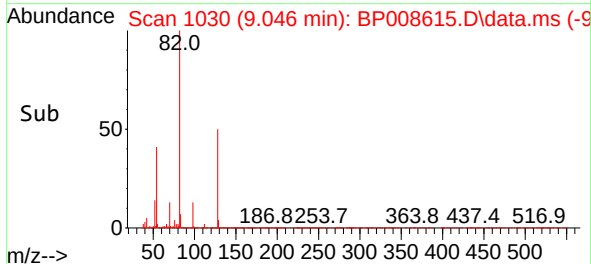
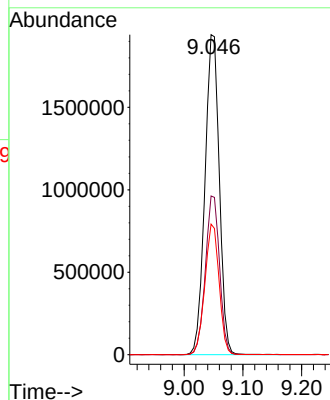
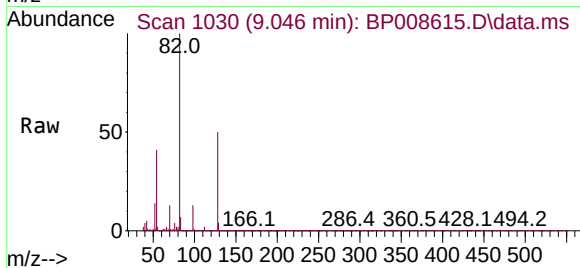
BNA_P

ClientSampleId :

CONC-5D

Tgt Ion: 82 Resp: 3296426

Ion	Ratio	Lower	Upper
82	100		
128	49.6	39.4	59.2
54	40.8	32.6	48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1961

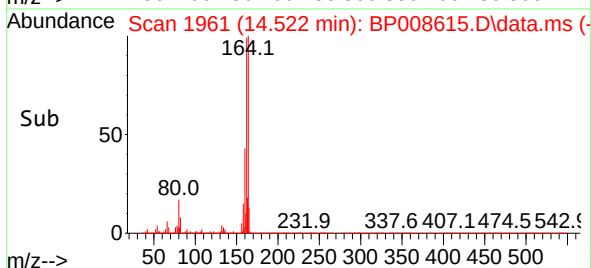
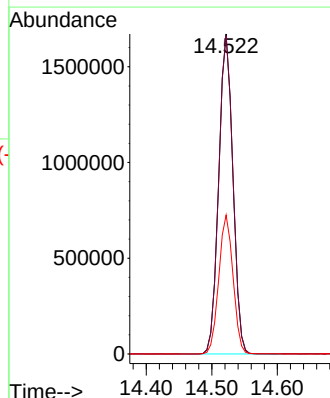
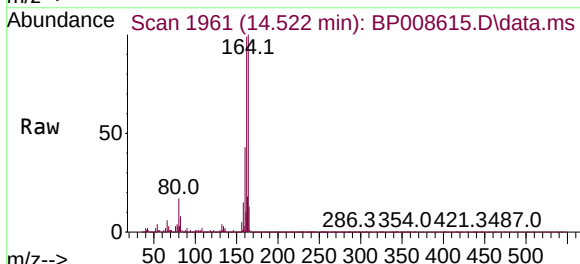
Delta R.T. -0.006 min

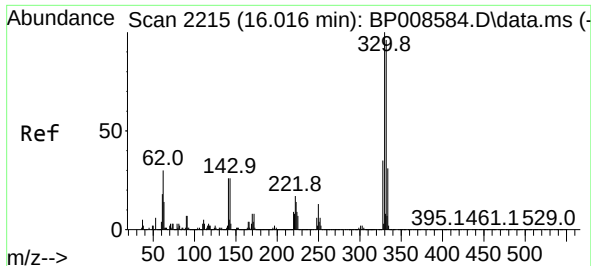
Lab File: BP008615.D

Acq: 30 Dec 2021 19:19

Tgt Ion: 164 Resp: 2493884

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	43.4	35.5	53.3

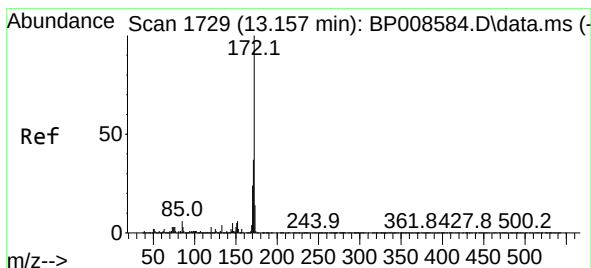
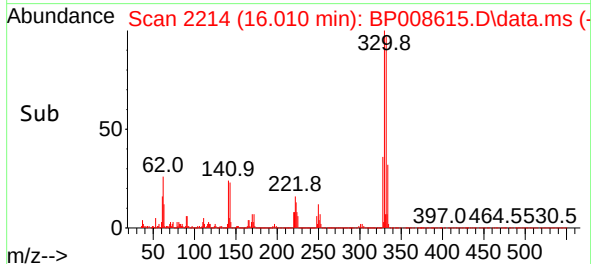
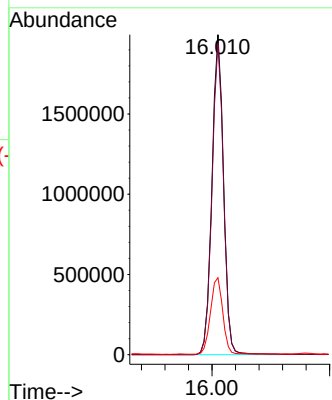
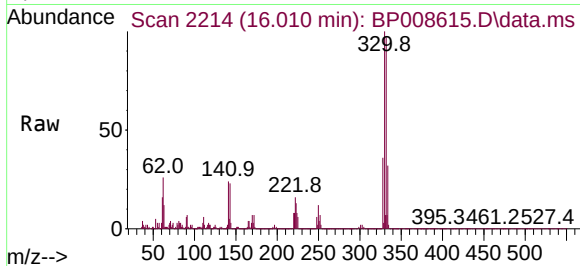




#42
2,4,6-Tribromophenol
Concen: 80.723 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

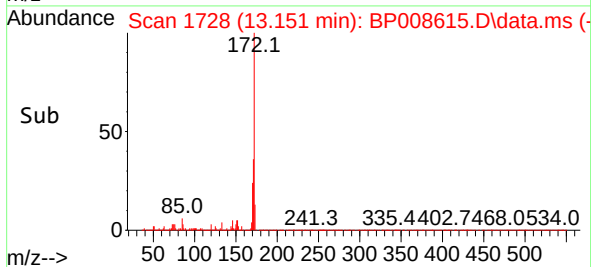
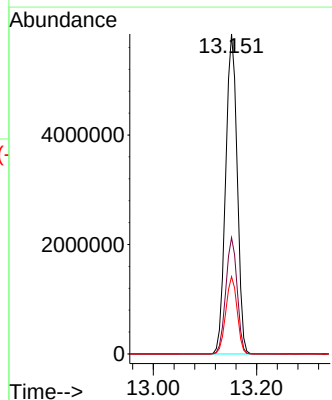
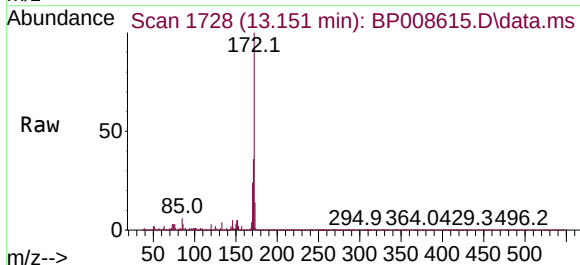
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CONC-5D

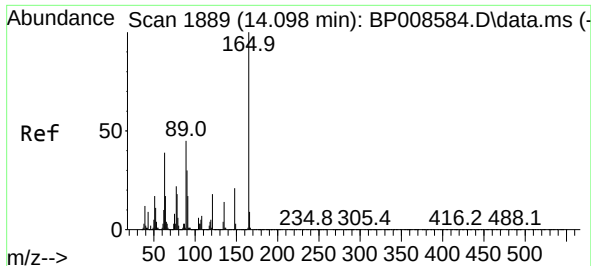
Tgt Ion:330 Resp: 2723703
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 25.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 52.586 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

Tgt Ion:172 Resp: 9051784
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.2 19.5 29.3

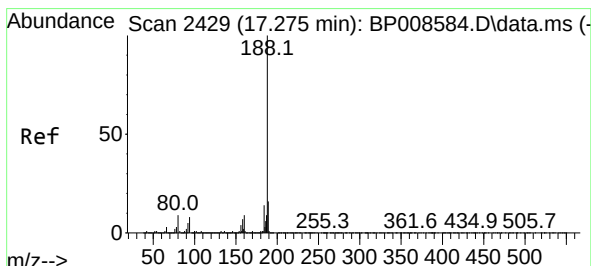
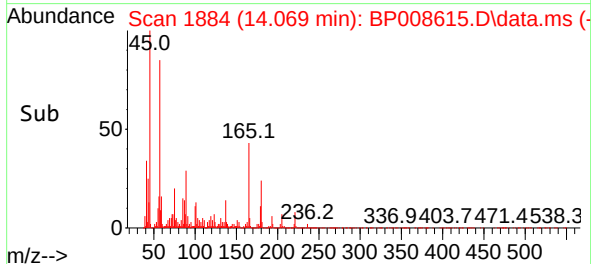
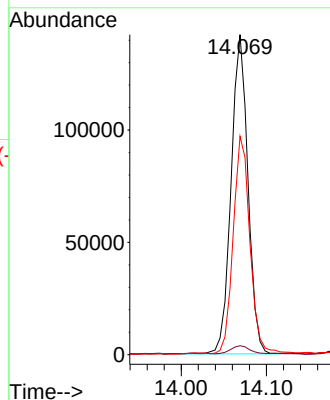
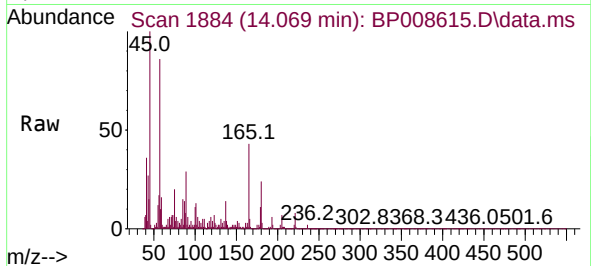




#51
2,6-Dinitrotoluene
Concen: 4.934 ng
RT: 14.069 min Scan# 1884
Delta R.T. -0.029 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

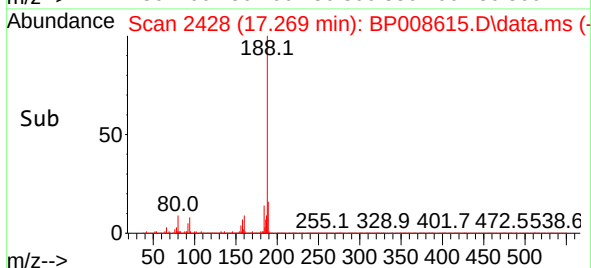
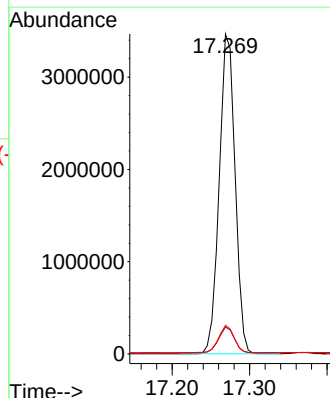
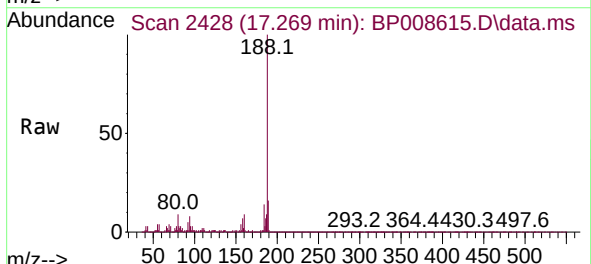
Instrument :
BNA_P
ClientSampleId :
CONC-5D

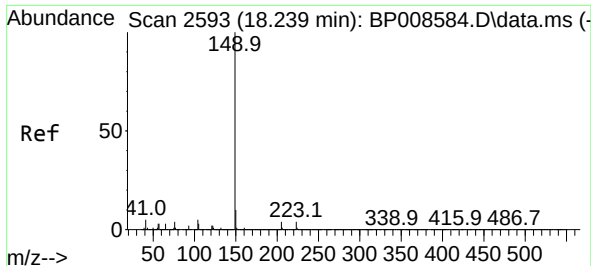
Tgt Ion:165 Resp: 194480
Ion Ratio Lower Upper
165 100
63 2.8 31.8 47.8#
89 68.2 36.1 54.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

Tgt Ion:188 Resp: 4928908
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.9 7.2 10.8

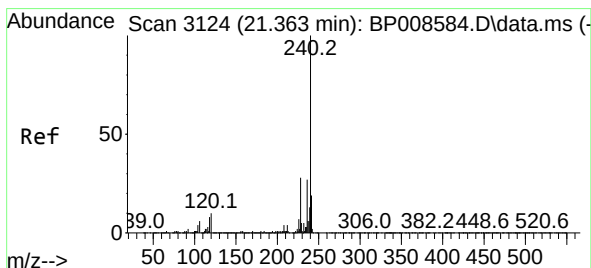
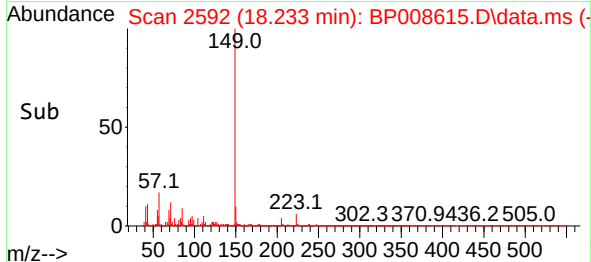
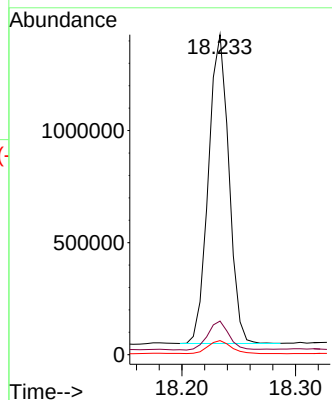
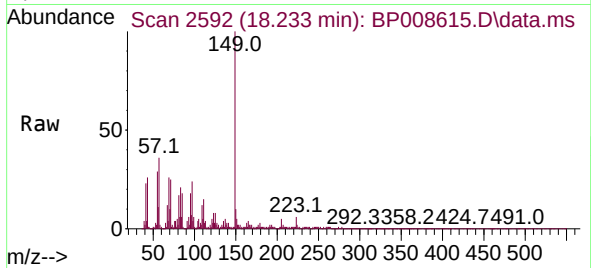




#74
Di-n-butylphthalate
Concen: 6.195 ng
RT: 18.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

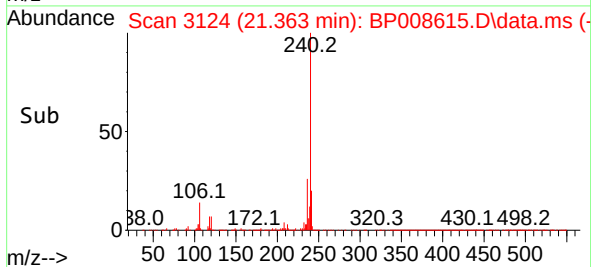
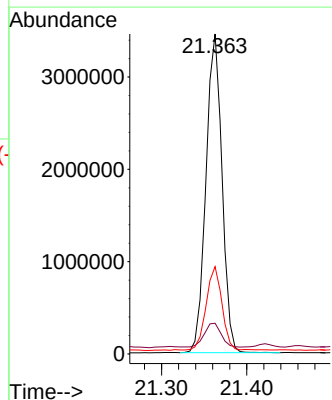
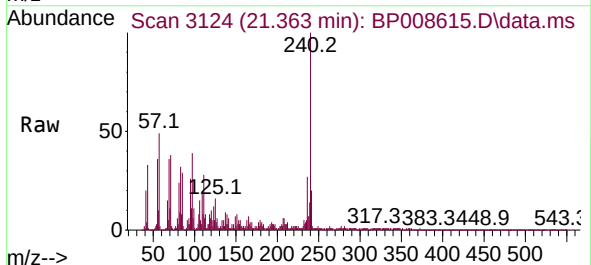
Instrument :
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ClientSampleId :
CONC-5D

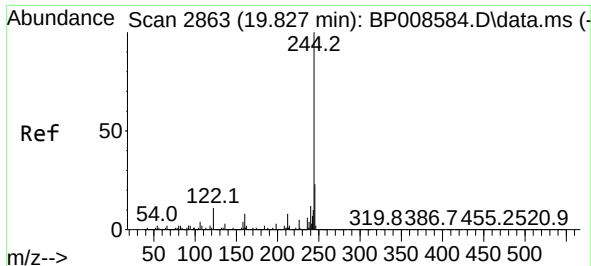
Tgt Ion:149 Resp: 1722493
Ion Ratio Lower Upper
149 100
150 10.5 7.9 11.9
104 4.4 3.7 5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

Tgt Ion:240 Resp: 4505390
Ion Ratio Lower Upper
240 100
120 9.6 7.7 11.5
236 27.3 21.2 31.8

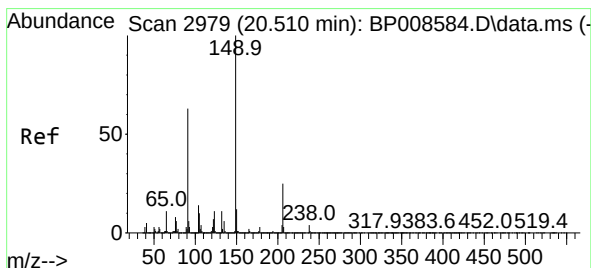
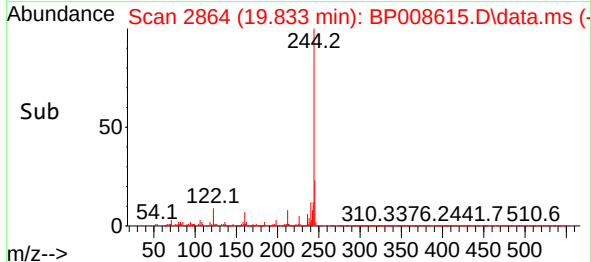
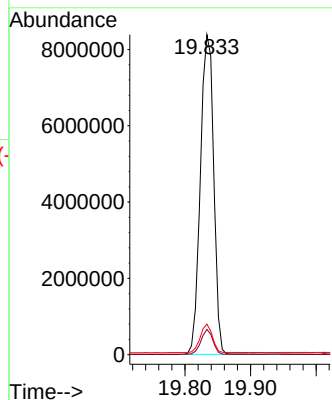
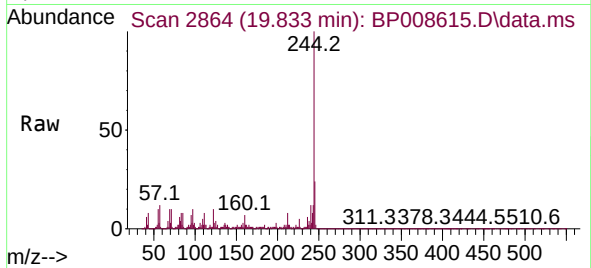




#79
 Terphenyl-d14
 Concen: 53.782 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP008615.D
 Acq: 30 Dec 2021 19:19

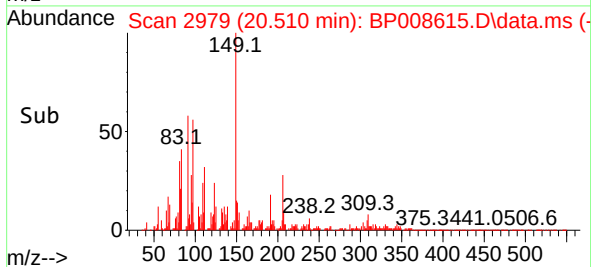
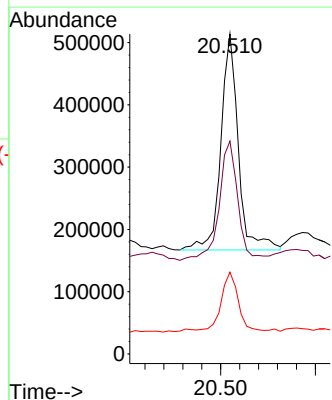
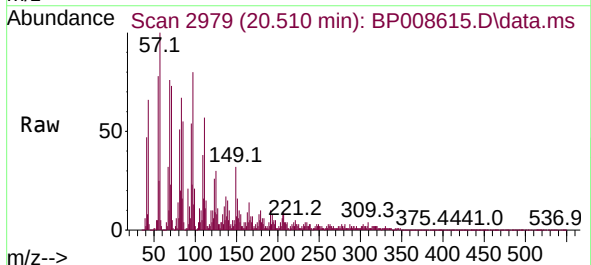
Instrument :
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 CONC-5D

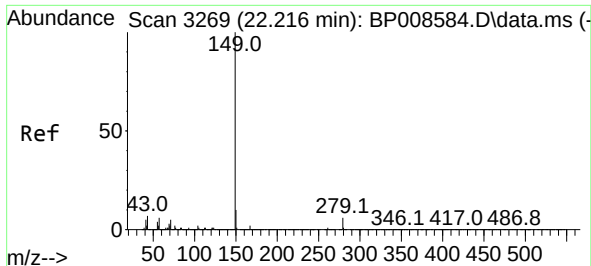
Tgt Ion:244 Resp:11867586
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.6 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 3.795 ng
 RT: 20.510 min Scan# 2979
 Delta R.T. 0.000 min
 Lab File: BP008615.D
 Acq: 30 Dec 2021 19:19

Tgt Ion:149 Resp: 443660
 Ion Ratio Lower Upper
 149 100
 91 66.5 50.6 76.0
 206 25.6 19.7 29.5

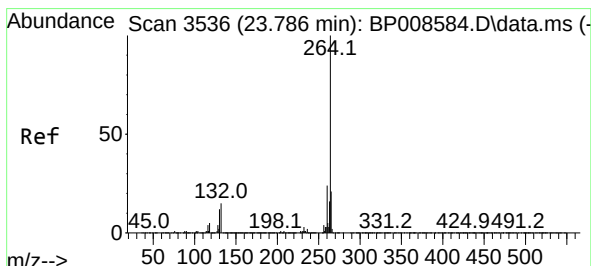
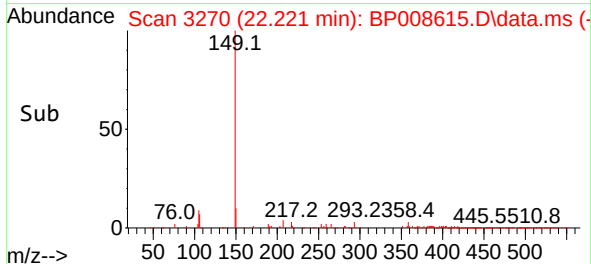
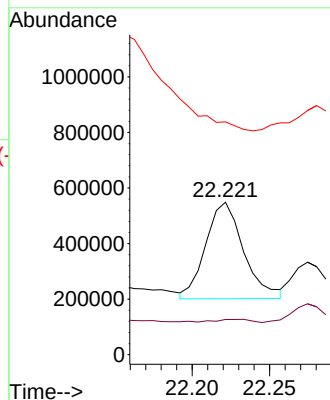
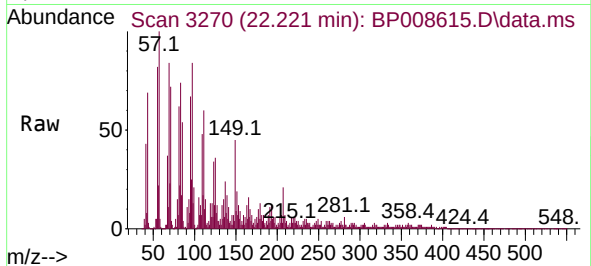




#85
Di-n-octyl phthalate
Concen: 2.164 ng
RT: 22.221 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

Instrument :
BNA_P
ClientSampleId :
CONC-5D

Tgt Ion:149 Resp: 591554
Ion Ratio Lower Upper
149 100
167 3.7 1.4 2.0#
43 0.0 5.4 8.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3538
Delta R.T. 0.012 min
Lab File: BP008615.D
Acq: 30 Dec 2021 19:19

Tgt Ion:264 Resp: 5345683
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 21.9 17.1 25.7

