

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
 Data File : BP008645.D
 Acq On : 03 Jan 2022 19:22
 Operator : CG/JU
 Sample : M5257-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P2-C

Quant Time: Jan 04 06:01:08 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)

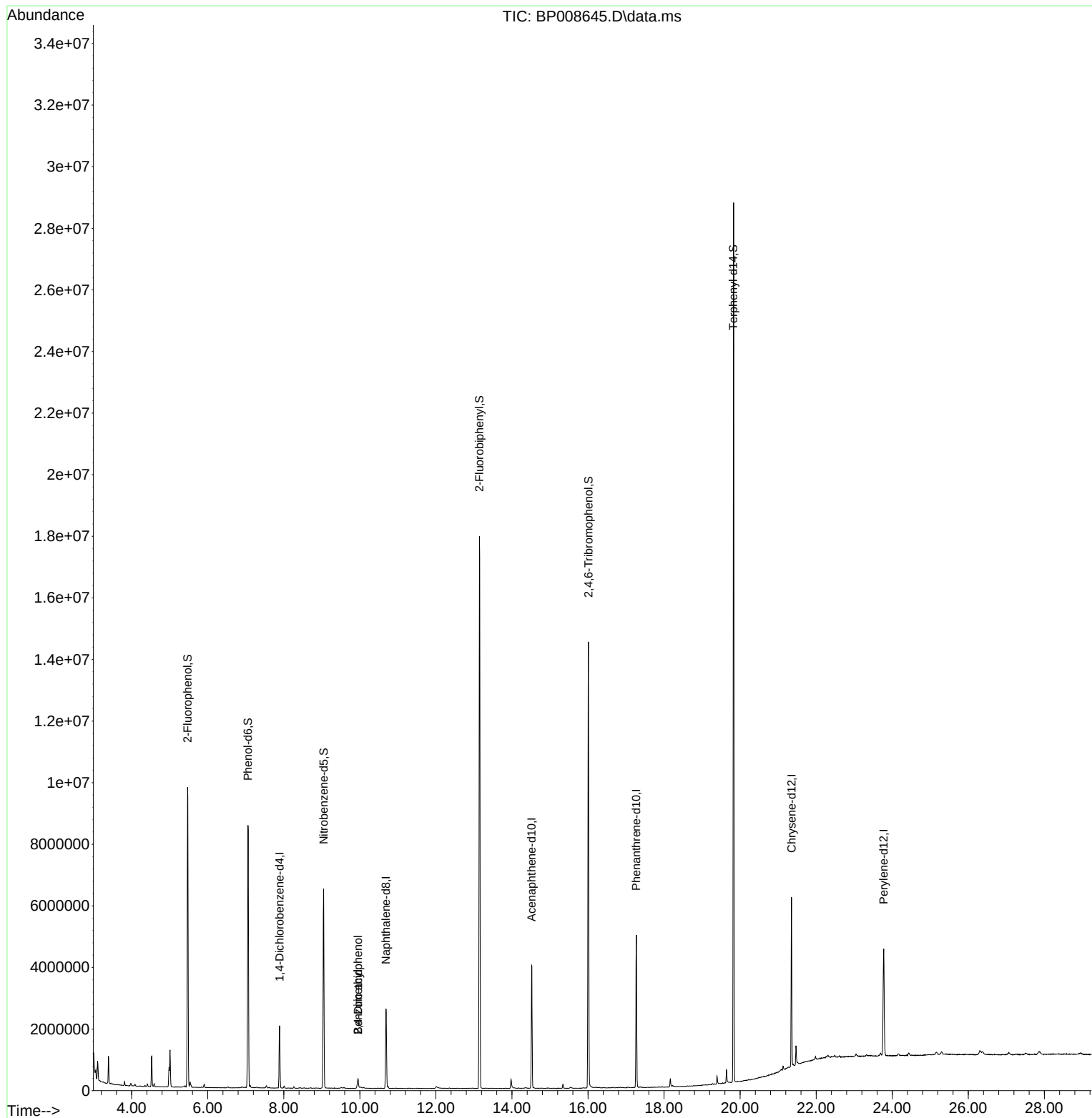
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	620135	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2349859	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1499284	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	3067078	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2660775	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2733233	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	4851462	142.795	ng	0.00
7) Phenol-d6	7.058	99	5510260	116.520	ng	0.00
23) Nitrobenzene-d5	9.046	82	3925994	99.390	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	3314556	163.402	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	10298163	99.515	ng	-0.01
79) Terphenyl-d14	19.822	244	12816075	98.346	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.952	122	164311	5.096	ng	# 5
32) Benzoic acid	9.952	122	165546	8.129	ng	99

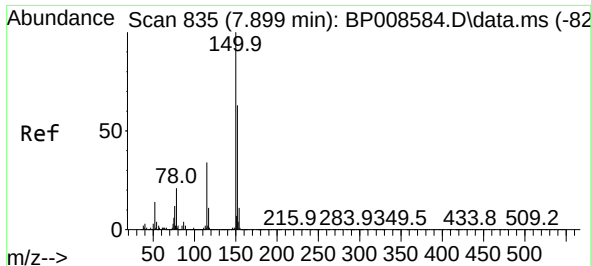
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

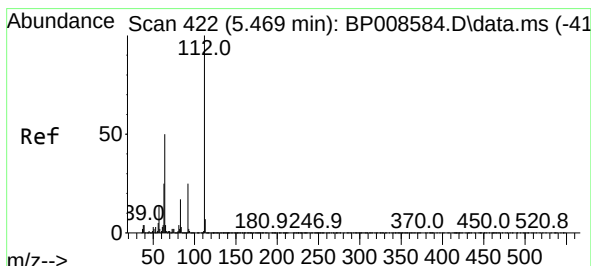
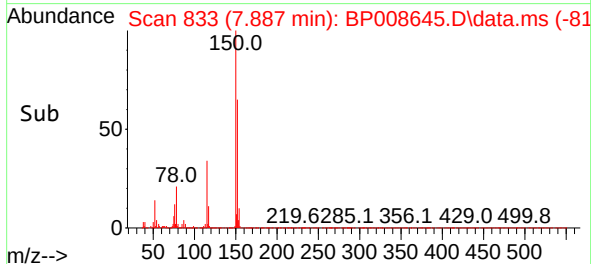
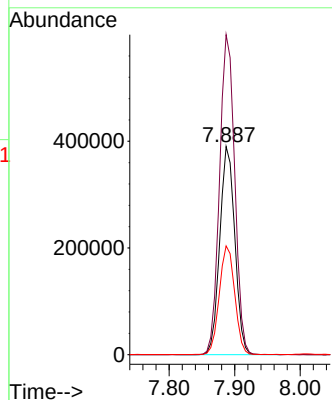
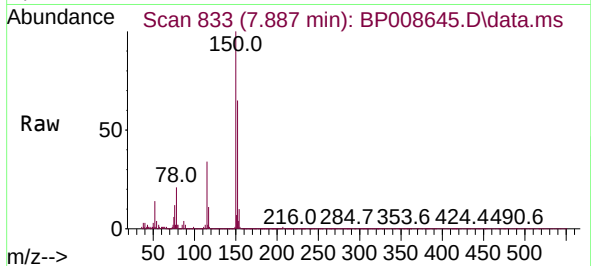




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

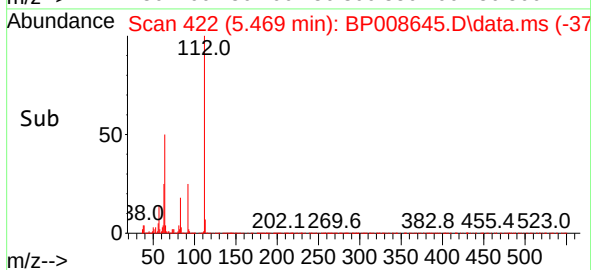
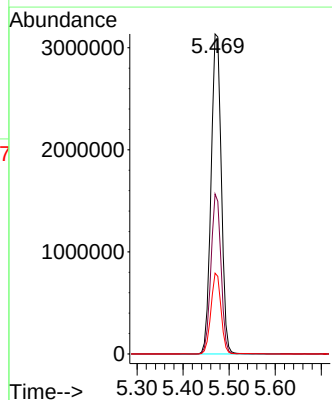
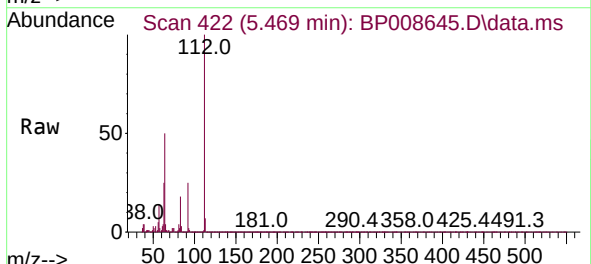
Instrument :
BNA_P
ClientSampleId :
P2-C

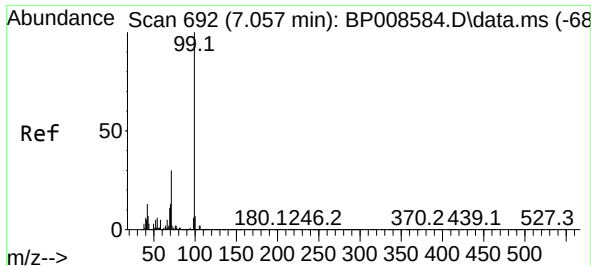
Tgt Ion:152 Resp: 620135
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 52.3 43.7 65.5



#5
2-Fluorophenol
Concen: 142.795 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

Tgt Ion:112 Resp: 4851462
Ion Ratio Lower Upper
112 100
64 50.0 39.7 59.5
63 25.3 20.0 30.0



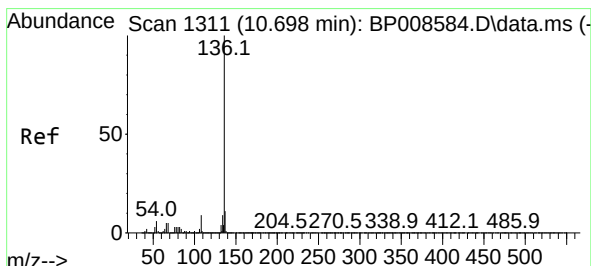
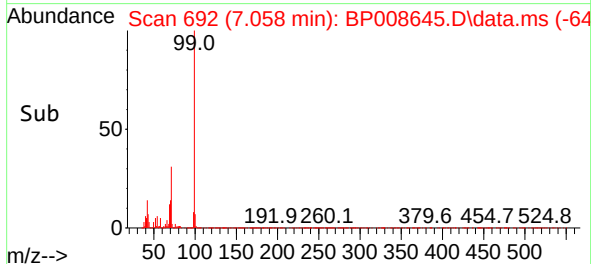
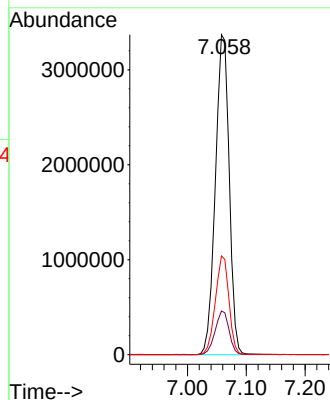
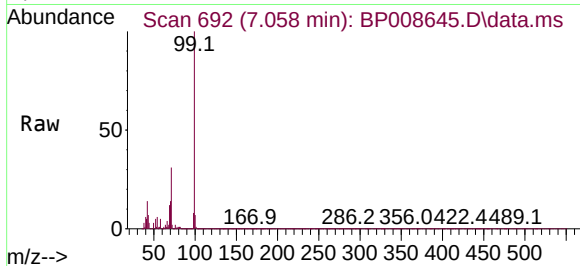


#7
Phenol-d6
Concen: 116.520 ng
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

Instrument :
BNA_P
ClientSampleId :
P2-C

Tgt Ion: 99 Resp: 5510260

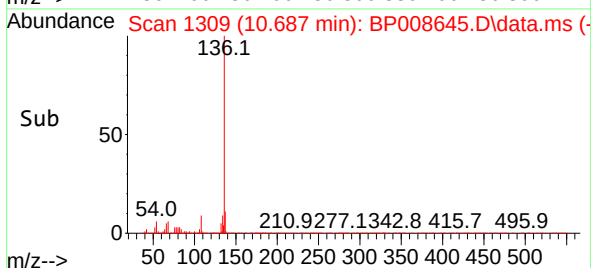
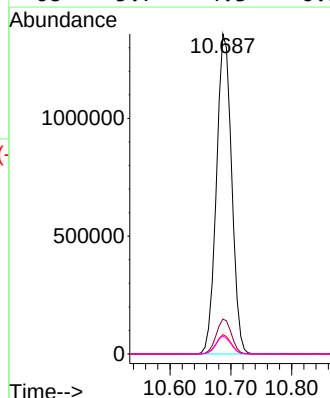
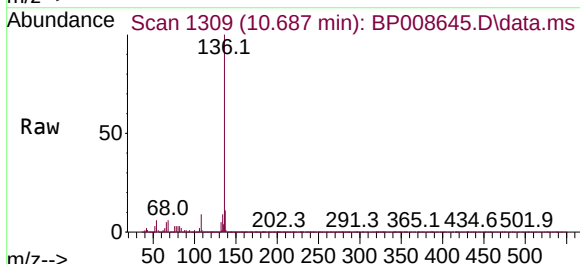
Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.8	16.2
71	30.9	23.8	35.6

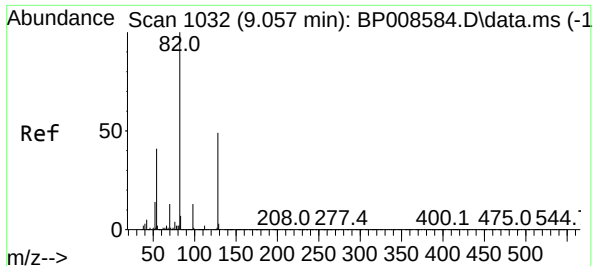


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

Tgt Ion: 136 Resp: 2349859

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	4.9	7.3
68	5.7	4.3	6.5





#23

Nitrobenzene-d5

Concen: 99.390 ng

RT: 9.046 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BP008645.D

Acq: 03 Jan 2022 19:22

Instrument :

BNA_P

ClientSampleId :

P2-C

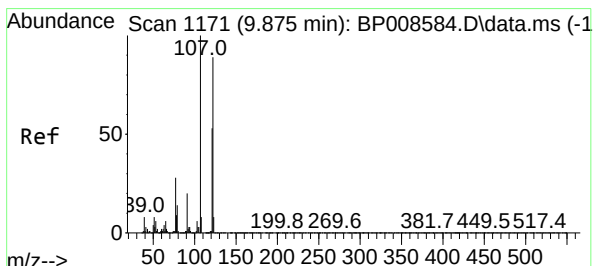
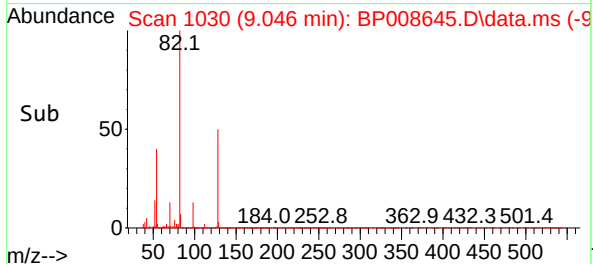
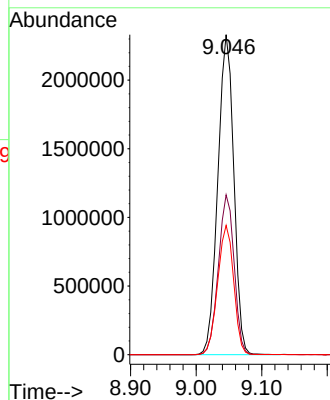
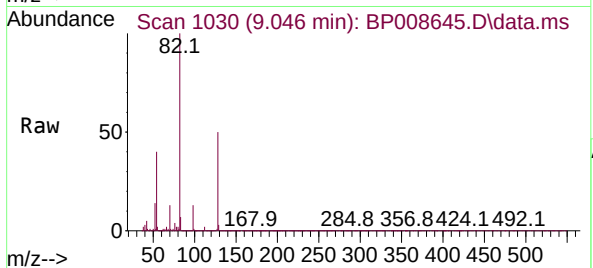
Tgt Ion: 82 Resp: 3925994

Ion Ratio Lower Upper

82 100

128 50.0 39.4 59.2

54 40.4 32.6 48.8



#27

2,4-Dimethylphenol

Concen: 5.096 ng

RT: 9.952 min Scan# 1184

Delta R.T. 0.077 min

Lab File: BP008645.D

Acq: 03 Jan 2022 19:22

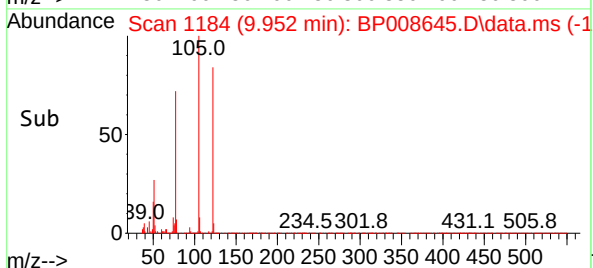
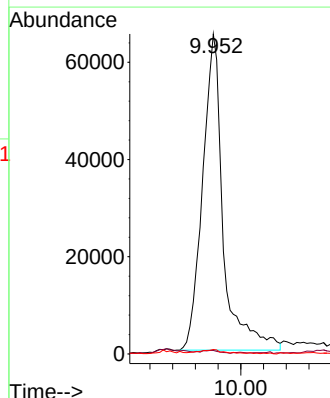
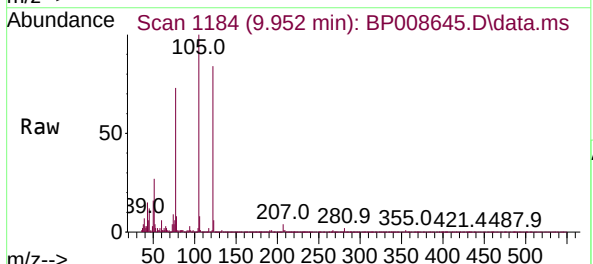
Tgt Ion: 122 Resp: 164311

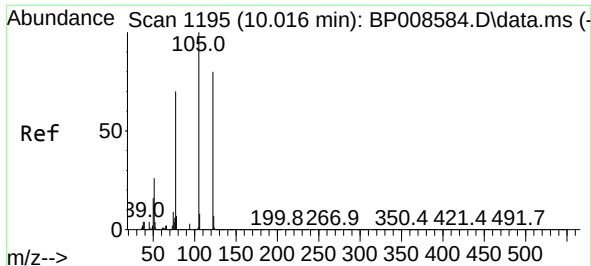
Ion Ratio Lower Upper

122 100

107 1.1 89.6 134.4#

121 1.4 47.8 71.8#

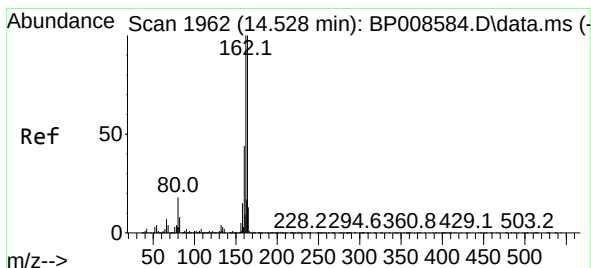
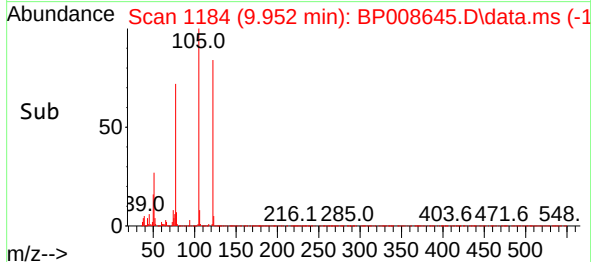
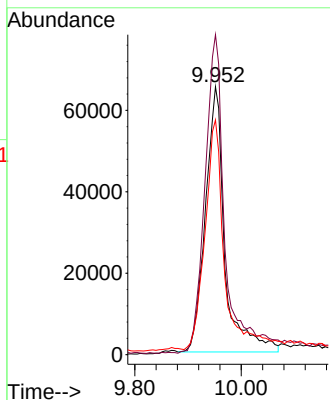
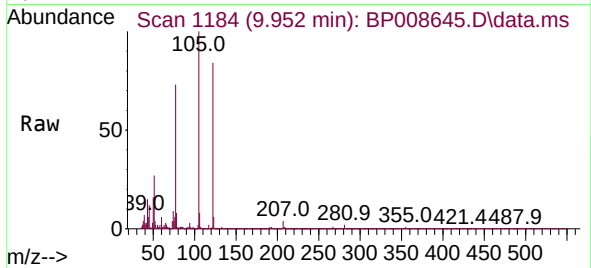




#32
Benzoic acid
Concen: 8.129 ng
RT: 9.952 min Scan# 1195
Delta R.T. -0.065 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

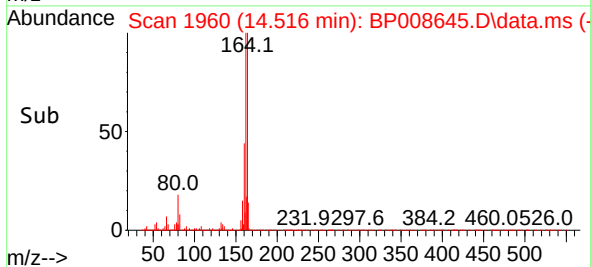
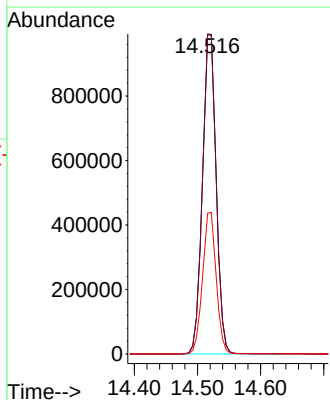
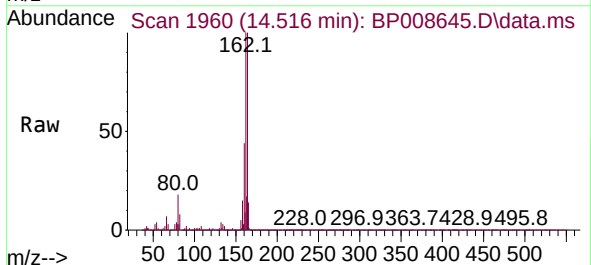
Instrument :
BNA_P
ClientSampleId :
P2-C

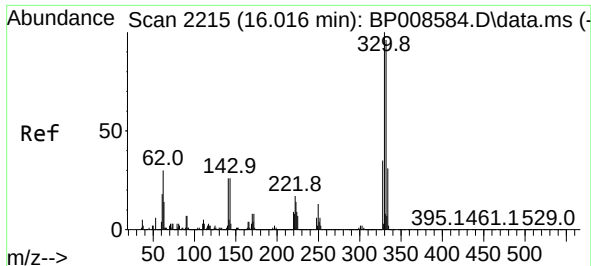
Tgt Ion:122 Resp: 165546
Ion Ratio Lower Upper
122 100
105 119.4 100.1 140.1
77 87.6 65.5 105.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

Tgt Ion:164 Resp: 1499284
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 43.9 35.5 53.3

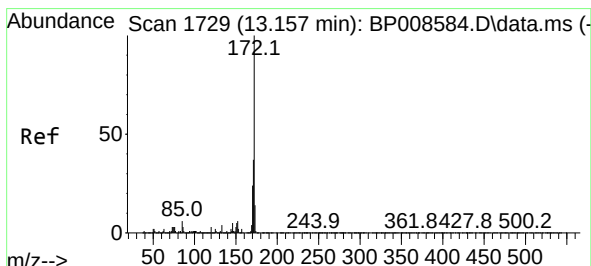
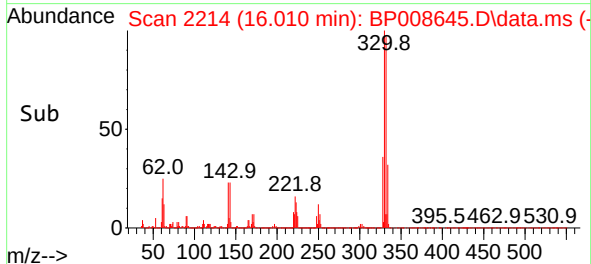
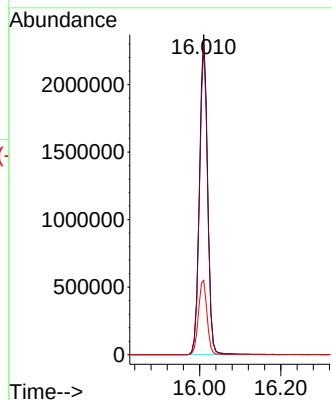
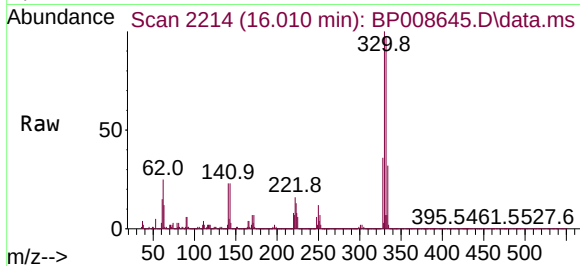




#42
2,4,6-Tribromophenol
Concen: 163.402 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

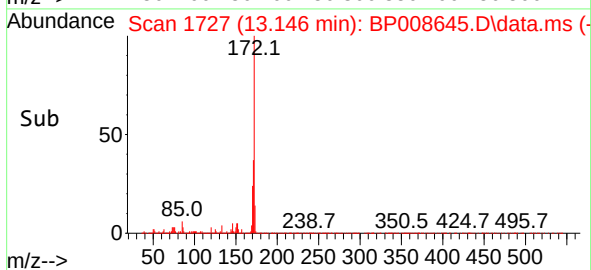
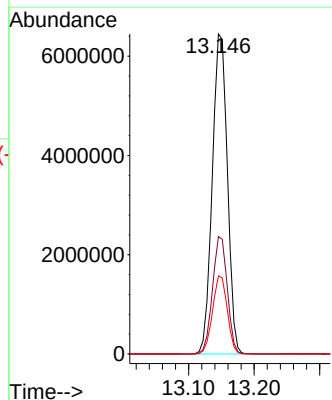
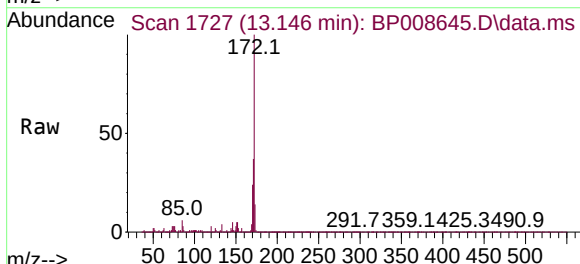
Instrument :
BNA_P
ClientSampleId :
P2-C

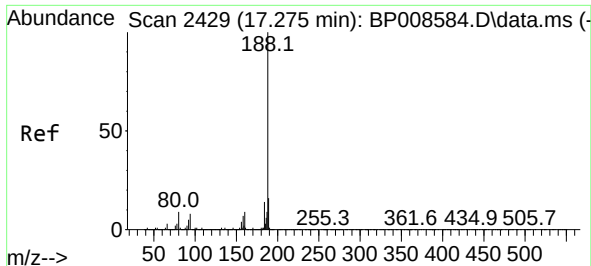
Tgt Ion:330 Resp: 3314556
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 24.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 99.515 ng
RT: 13.146 min Scan# 1727
Delta R.T. -0.011 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

Tgt Ion:172 Resp:10298163
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.4 19.5 29.3

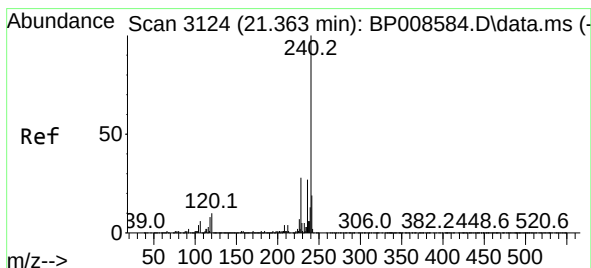
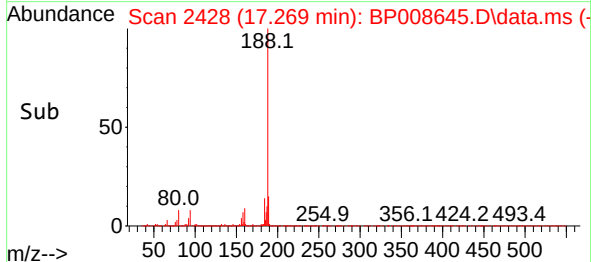
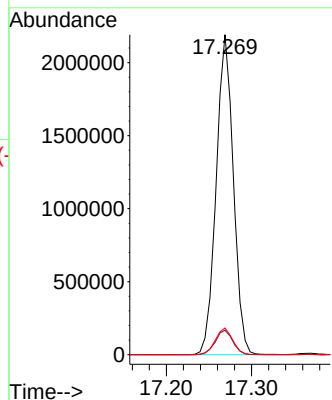
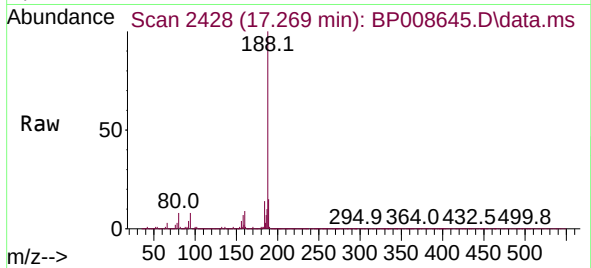




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

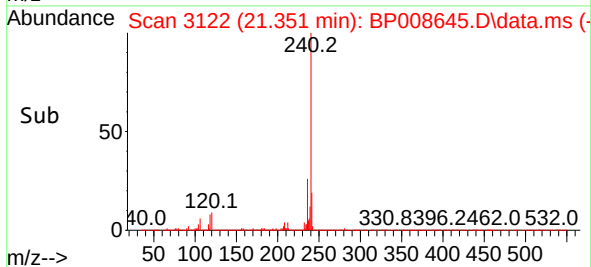
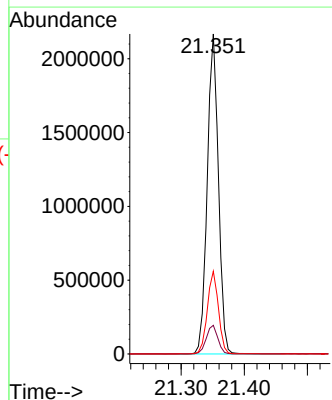
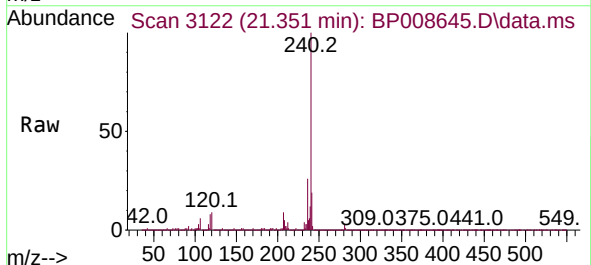
Instrument :
BNA_P
ClientSampleId :
P2-C

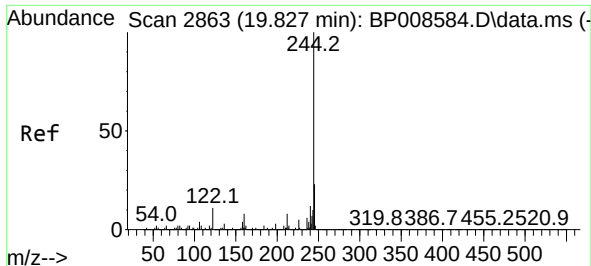
Tgt Ion:188 Resp: 3067078
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008645.D
Acq: 03 Jan 2022 19:22

Tgt Ion:240 Resp: 2660775
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 25.9 21.2 31.8

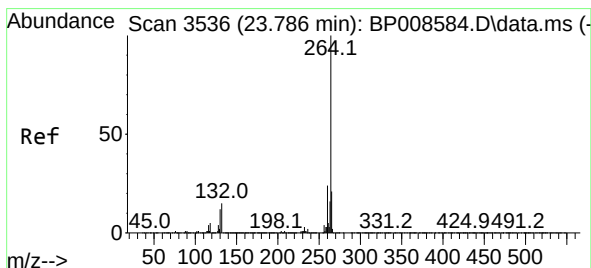
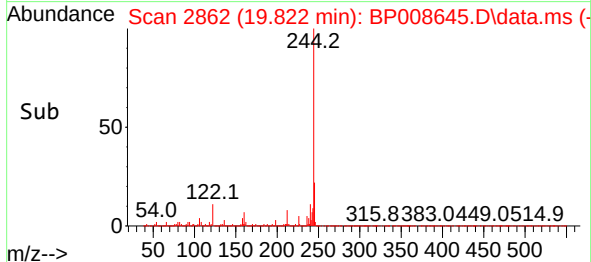
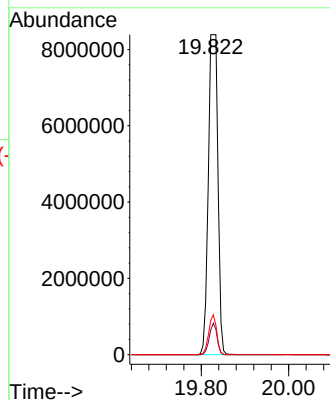
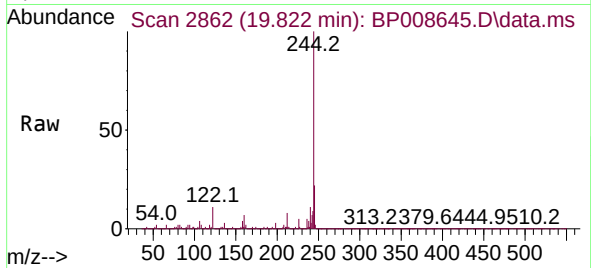




#79
 Terphenyl-d14
 Concen: 98.346 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP008645.D
 Acq: 03 Jan 2022 19:22

Instrument :
 BNA_P
 ClientSampleId :
 P2-C

Tgt Ion:244 Resp:12816075
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 10.7 9.2 13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3534
 Delta R.T. -0.012 min
 Lab File: BP008645.D
 Acq: 03 Jan 2022 19:22

Tgt Ion:264 Resp: 2733233
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 17.1 25.7

