

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
 Data File : BP008648.D
 Acq On : 03 Jan 2022 21:04
 Operator : CG/JU
 Sample : M5257-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P2-B

Quant Time: Jan 04 06:01:44 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)

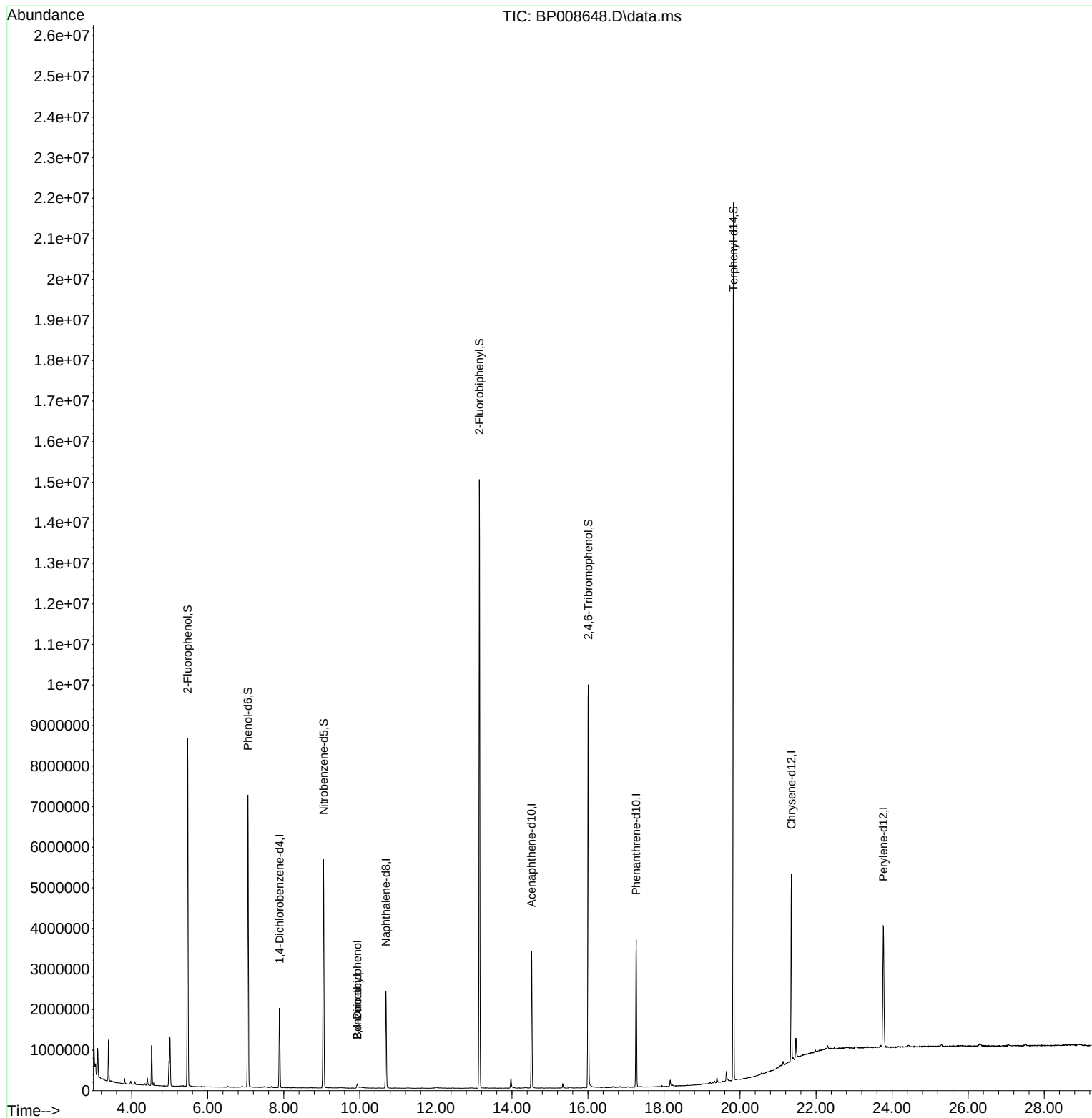
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	576222	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2117202	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1244179	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	2341554	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2249863	20.000	ng	-0.01
86) Perylene-d12	23.768	264	2470356	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	4160297	131.784	ng	0.00
7) Phenol-d6	7.058	99	4555078	103.663	ng	0.00
23) Nitrobenzene-d5	9.046	82	3377966	94.913	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2262624	134.414	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	8389221	97.691	ng	-0.01
79) Terphenyl-d14	19.827	244	10742659	97.491	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.934	122	69311	2.386	ng	# 6
32) Benzoic acid	9.934	122	69311	3.777	ng	97

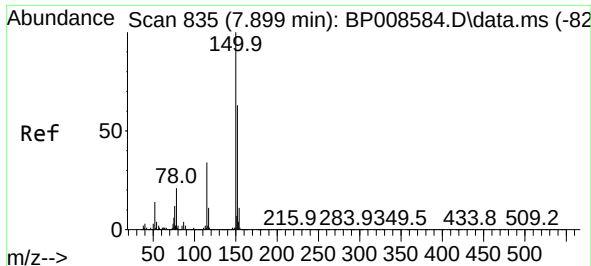
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 04 06:01:44 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

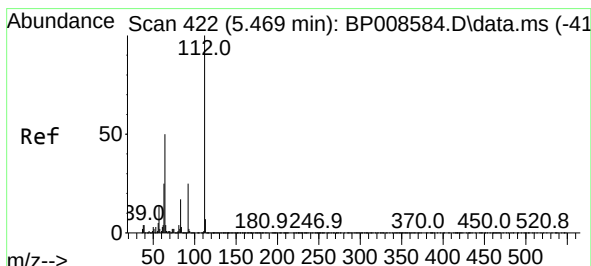
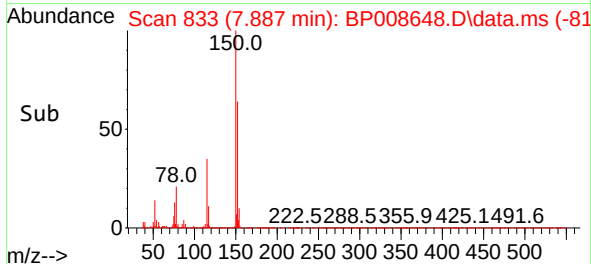
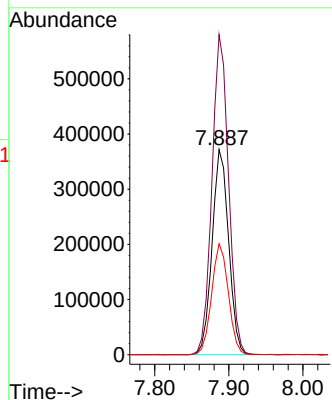
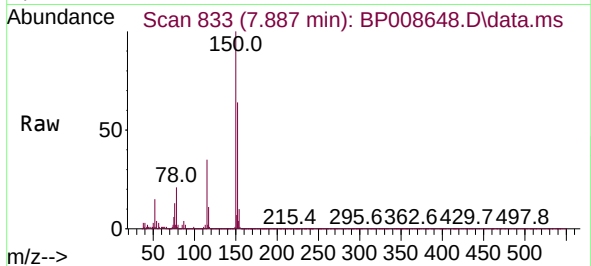




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 811
Delta R.T. -0.012 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

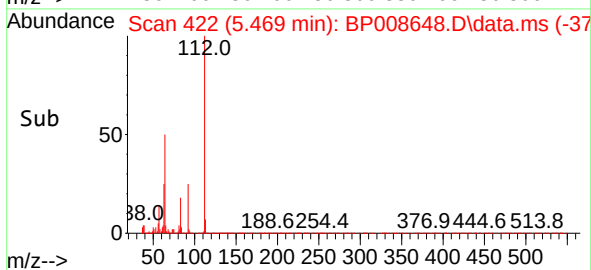
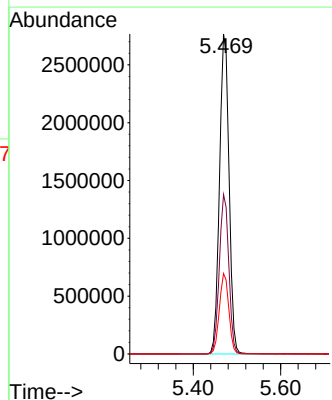
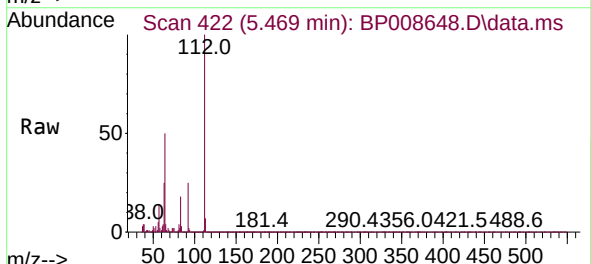
Instrument :
BNA_P
ClientSampleId :
P2-B

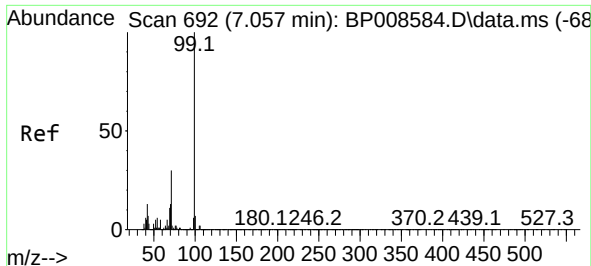
Tgt Ion:152 Resp: 576222
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 54.1 43.7 65.5



#5
2-Fluorophenol
Concen: 131.784 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

Tgt Ion:112 Resp: 4160297
Ion Ratio Lower Upper
112 100
64 49.8 39.7 59.5
63 25.2 20.0 30.0



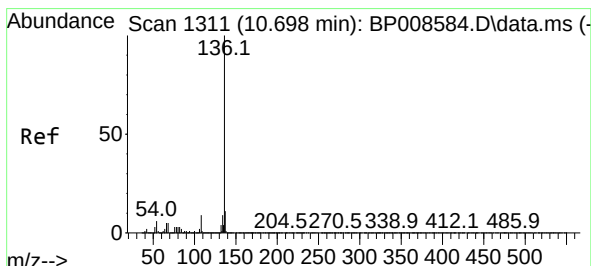
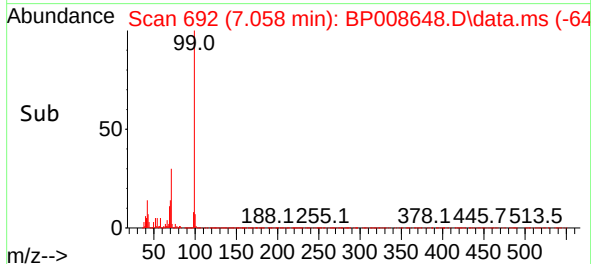
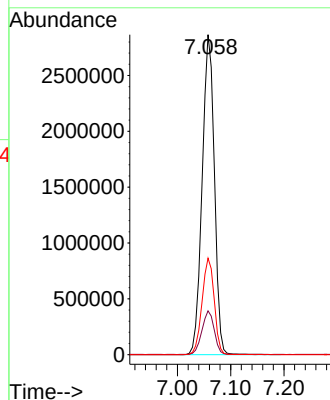
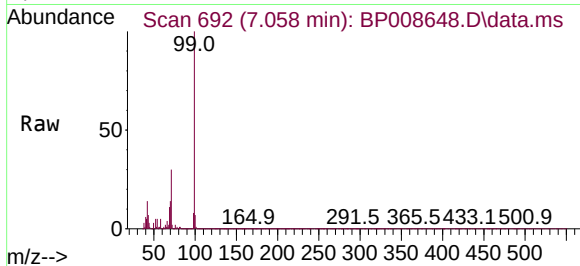


#7
Phenol-d6
Concen: 103.663 ng
RT: 7.058 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

Instrument :
BNA_P
ClientSampleId :
P2-B

Tgt Ion: 99 Resp: 4555078

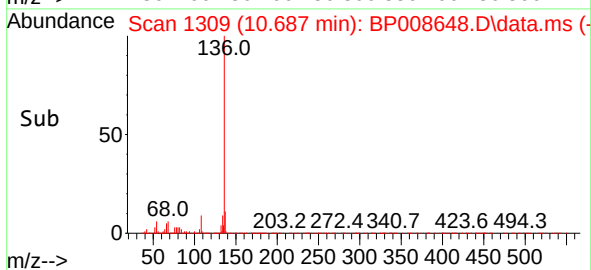
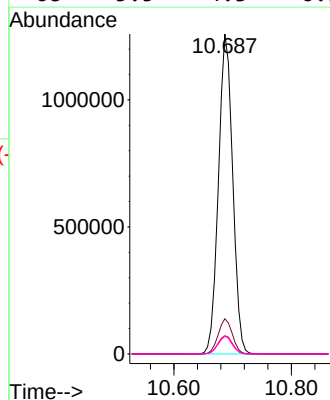
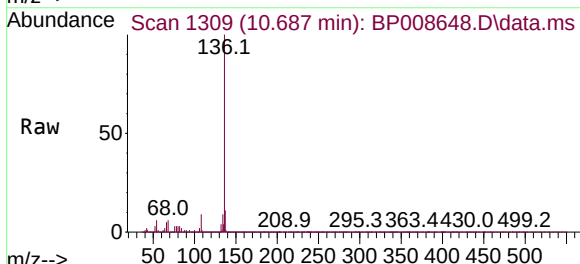
Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.8	16.2
71	30.1	23.8	35.6

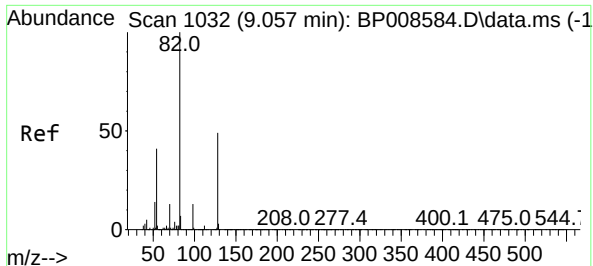


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

Tgt Ion: 136 Resp: 2117202

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.7	4.9	7.3
68	5.5	4.3	6.5

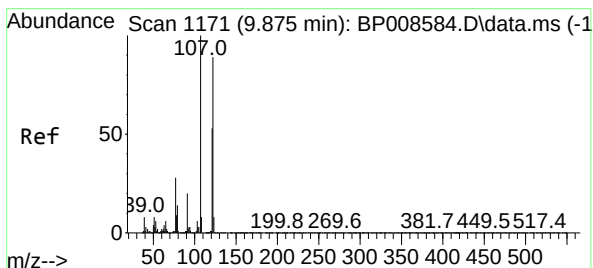
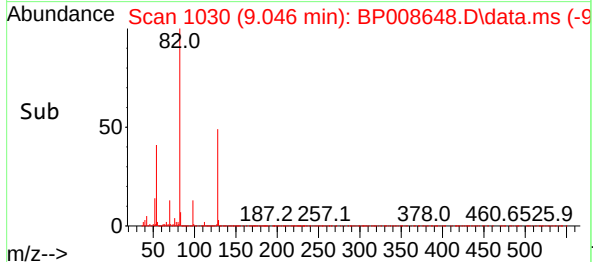
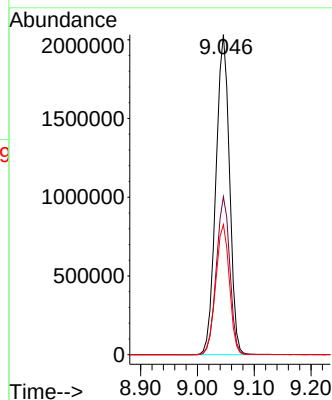
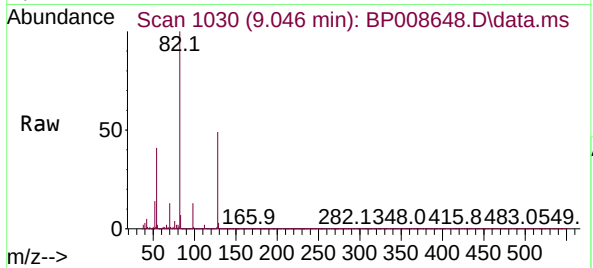




#23
Nitrobenzene-d5
Concen: 94.913 ng
RT: 9.046 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

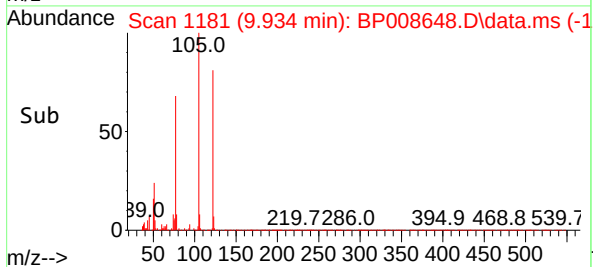
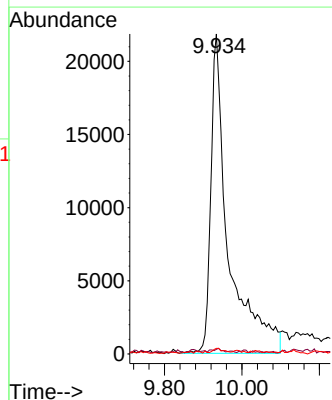
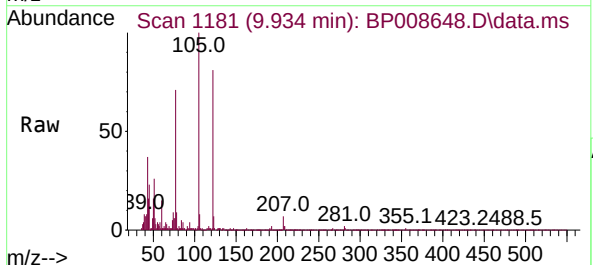
Instrument :
BNA_P
ClientSampleId :
P2-B

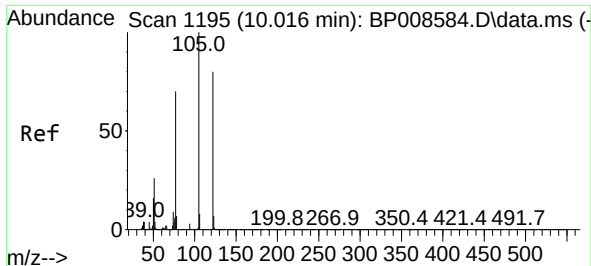
Tgt Ion: 82 Resp: 3377966
Ion Ratio Lower Upper
82 100
128 49.3 39.4 59.2
54 40.7 32.6 48.8



#27
2,4-Dimethylphenol
Concen: 2.386 ng
RT: 9.934 min Scan# 1181
Delta R.T. 0.059 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

Tgt Ion: 122 Resp: 69311
Ion Ratio Lower Upper
122 100
107 1.4 89.6 134.4#
121 1.8 47.8 71.8#

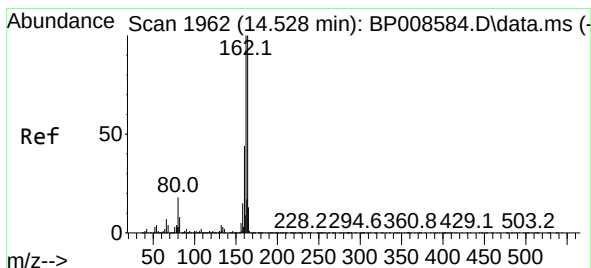
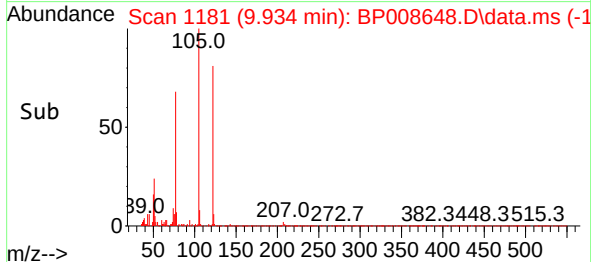
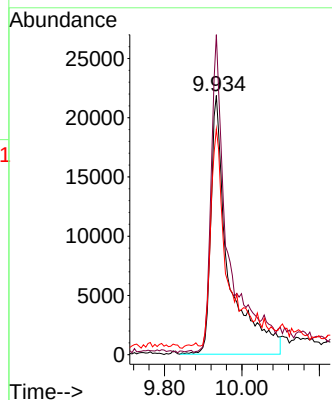
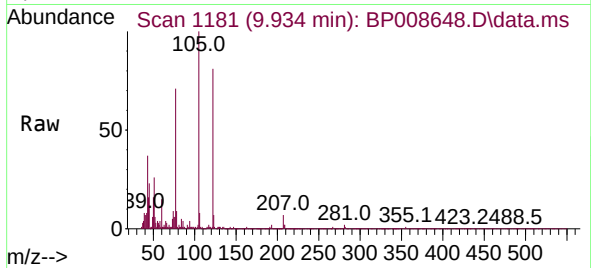




#32
Benzoic acid
Concen: 3.777 ng
RT: 9.934 min Scan# 1195
Delta R.T. -0.082 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

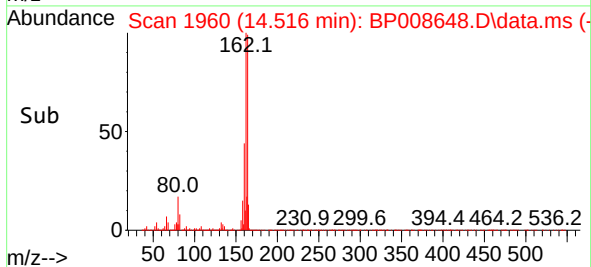
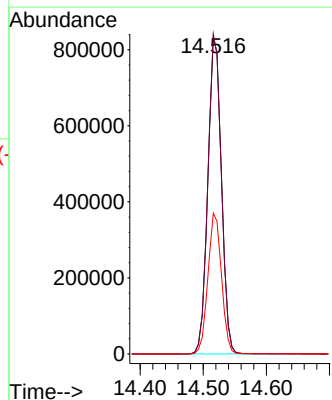
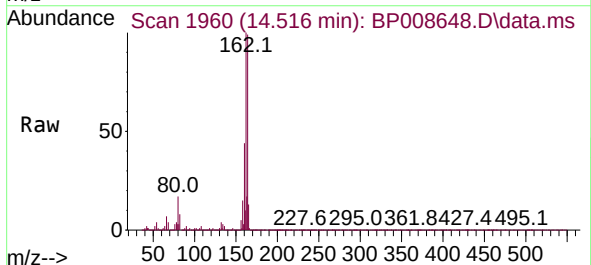
Instrument :
BNA_P
ClientSampleId :
P2-B

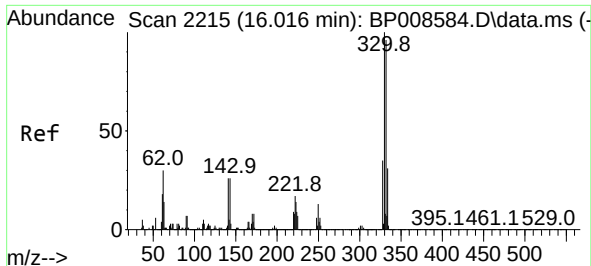
Tgt Ion:	122	Resp:	69311
Ion	Ratio	Lower	Upper
122	100		
105	123.5	100.1	140.1
77	87.1	65.5	105.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

Tgt Ion:	164	Resp:	1244179
Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.9	119.9
160	44.3	35.5	53.3

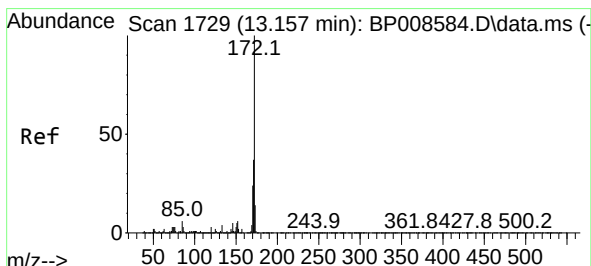
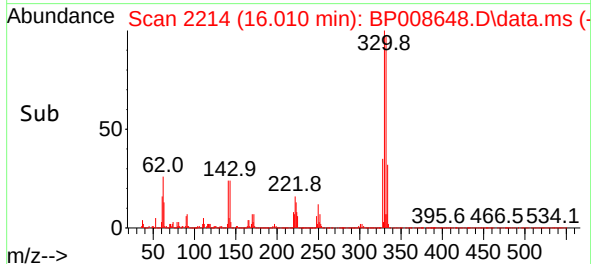
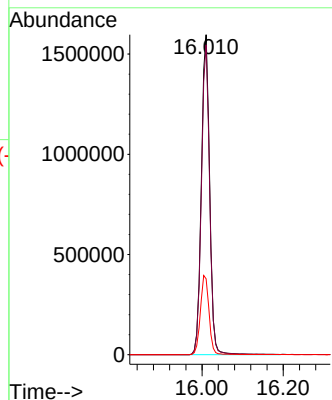
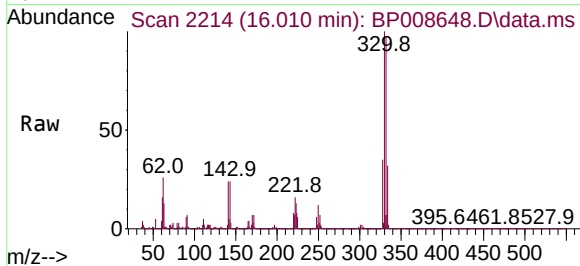




#42
2,4,6-Tribromophenol
Concen: 134.414 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

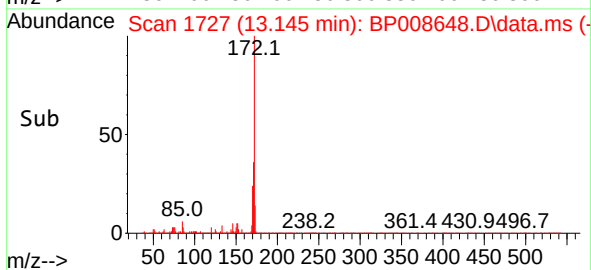
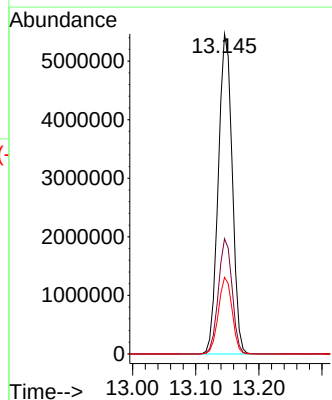
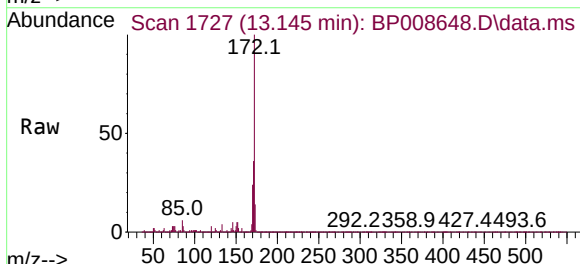
Instrument :
BNA_P
ClientSampleId :
P2-B

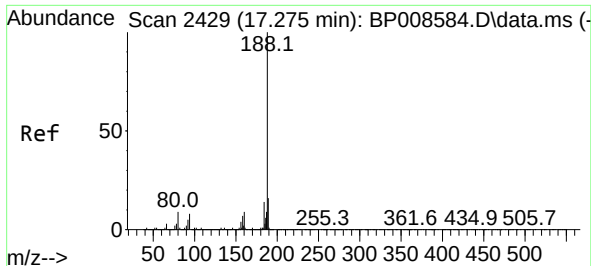
Tgt Ion:330 Resp: 2262624
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 25.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 97.691 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

Tgt Ion:172 Resp: 8389221
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 24.0 19.5 29.3

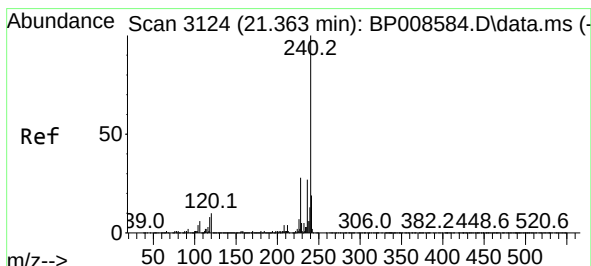
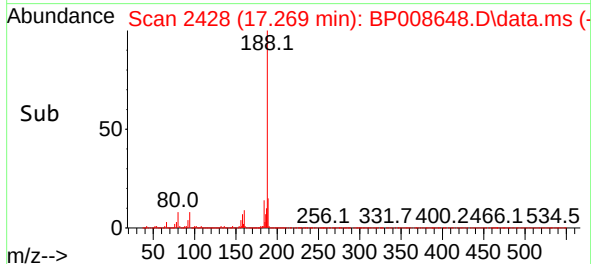
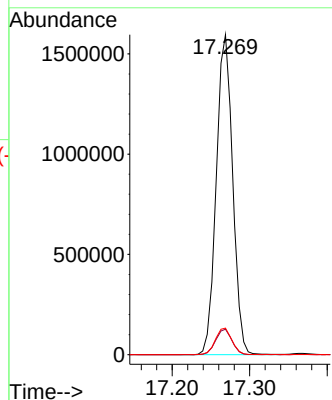
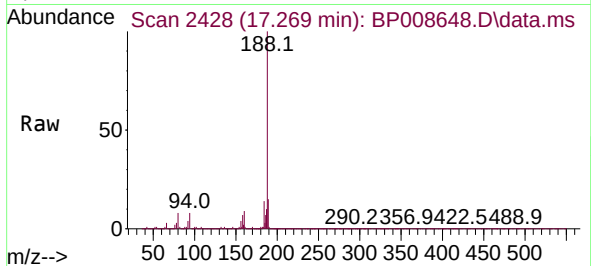




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

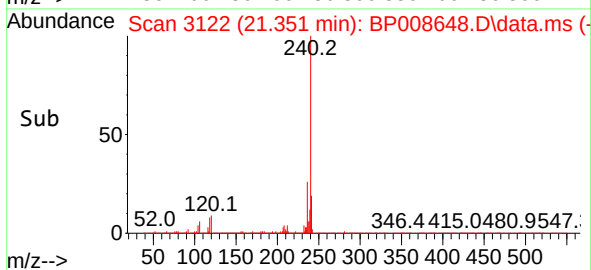
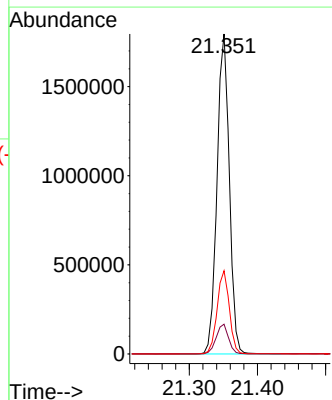
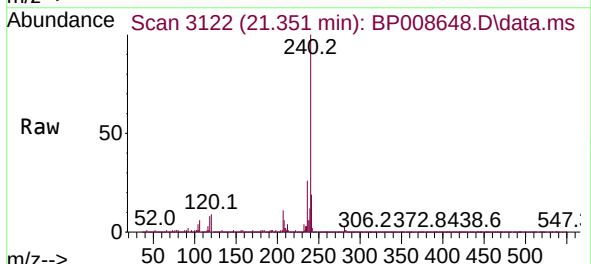
Instrument :
BNA_P
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P2-B

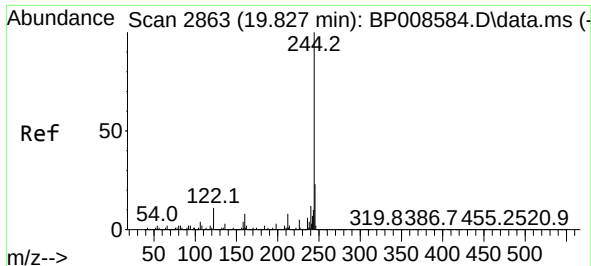
Tgt Ion:188 Resp: 2341554
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008648.D
Acq: 03 Jan 2022 21:04

Tgt Ion:240 Resp: 2249863
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.0 21.2 31.8

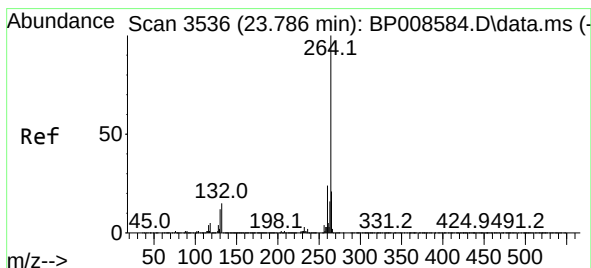
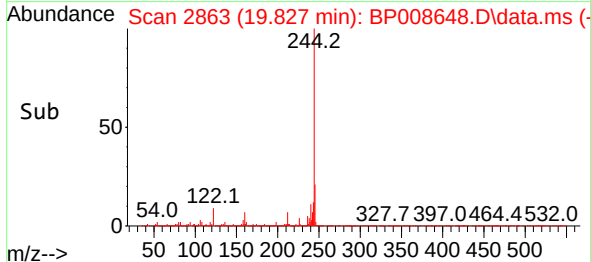
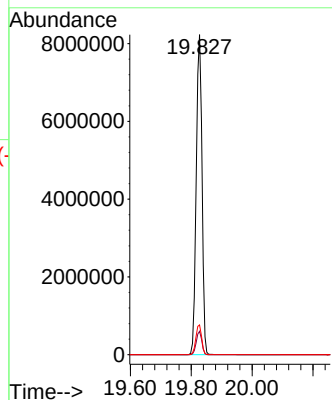
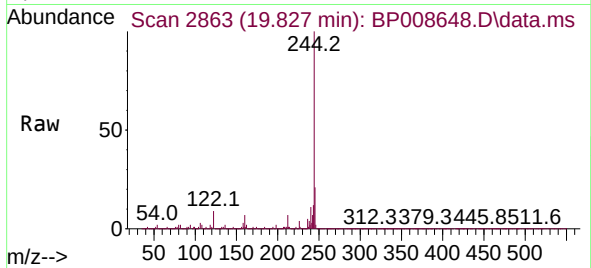




#79
 Terphenyl-d14
 Concen: 97.491 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008648.D
 Acq: 03 Jan 2022 21:04

Instrument :
 BNA_P
 ClientSampleId :
 P2-B

Tgt Ion:244 Resp:10742659
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.3 9.2 13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3533
 Delta R.T. -0.018 min
 Lab File: BP008648.D
 Acq: 03 Jan 2022 21:04

Tgt Ion:264 Resp: 2470356
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.8 17.1 25.7

