

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010648.D
 Acq On : 01 Jun 2022 13:17
 Operator : CG/JU
 Sample : N2931-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

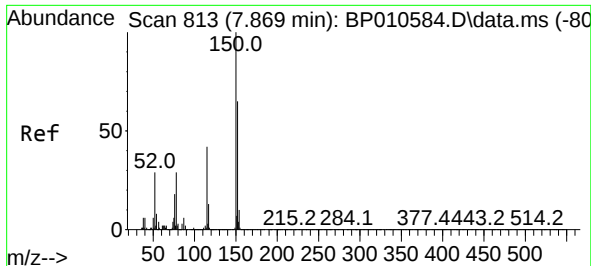
Instrument :
 BNA_P
 ClientSampleId :
 P009-SS003-2430-02

Quant Time: Jun 02 05:03:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	90538	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	383863	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	269660	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	616122	20.000	ng	0.00
76) Chrysene-d12	21.339	240	679636	20.000	ng	0.00
86) Perylene-d12	23.751	264	748119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	530233	106.840	ng	0.00
7) Phenol-d6	7.034	99	755563	107.240	ng	0.00
23) Nitrobenzene-d5	9.022	82	497247	61.243	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	416914	136.584	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1154549	60.765	ng	-0.01
79) Terphenyl-d14	19.810	244	2214558	61.204	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.999	122	170	7.365	ng	# 50
54) 2,4-Dinitrophenol	14.604	184	30	6.657	ng	# 1
56) 4-Nitrophenol	14.698	139	65	3.615	ng	# 27
62) 4-Nitroaniline	15.787	138	173	2.171	ng	90
65) 4,6-Dinitro-2-methylph...	15.628	198	18	4.607	ng	# 1

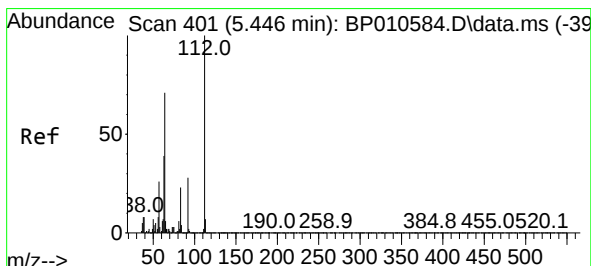
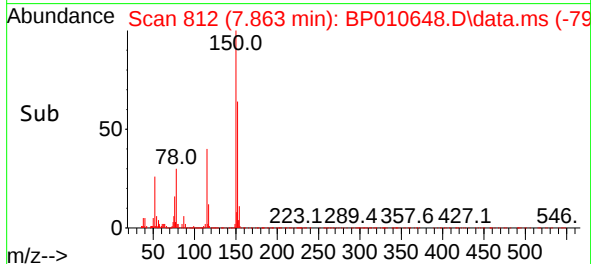
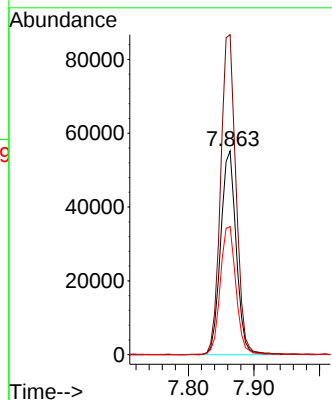
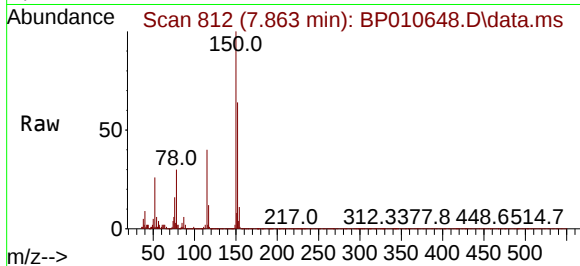
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BP010648.D
 Acq: 01 Jun 2022 13:17

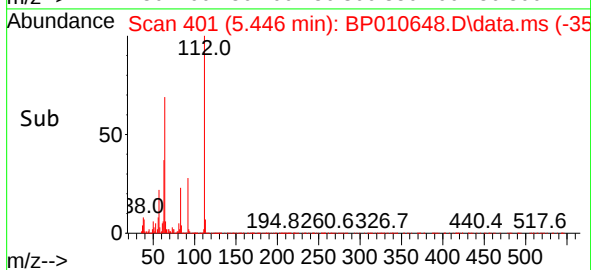
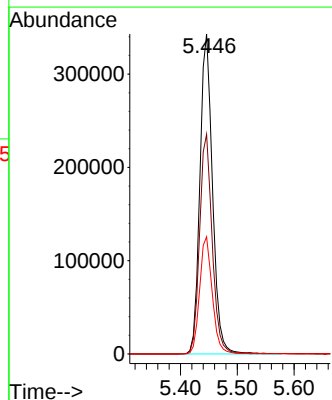
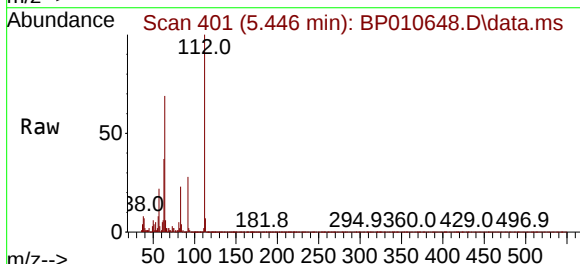
Instrument :
 BNA_P
 ClientSampleId :
 P009-SS003-2430-02

Tgt Ion:152 Resp: 90538
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.4 185.2
 115 62.9 51.3 76.9



#5
 2-Fluorophenol
 Concen: 106.840 ng
 RT: 5.446 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: BP010648.D
 Acq: 01 Jun 2022 13:17

Tgt Ion:112 Resp: 530233
 Ion Ratio Lower Upper
 112 100
 64 68.7 56.9 85.3
 63 36.6 31.2 46.8

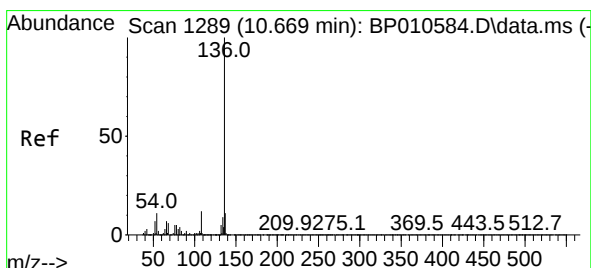
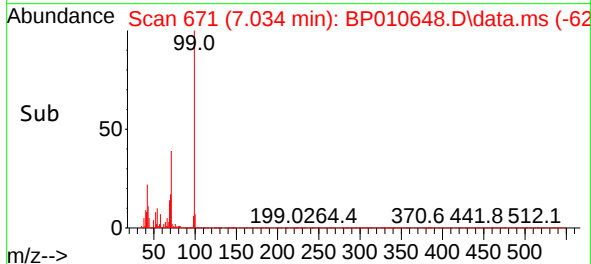
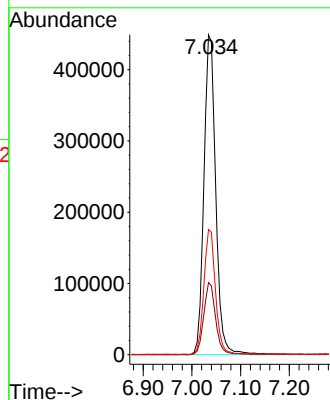
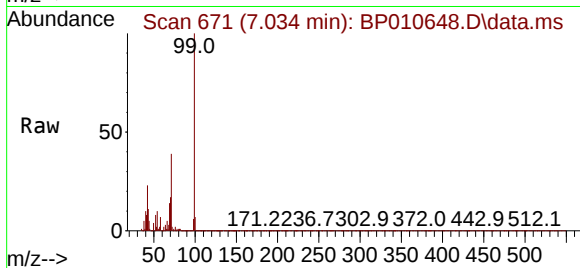




#7
Phenol-d6
Concen: 107.240 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

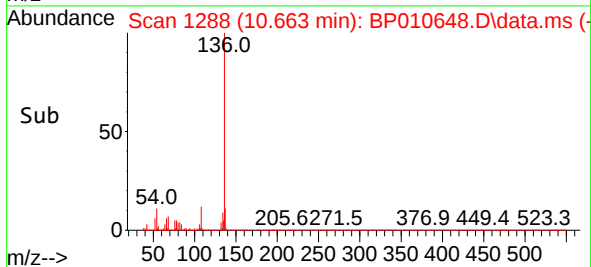
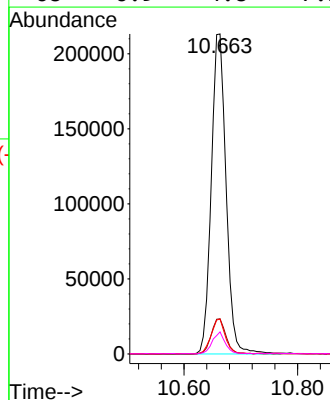
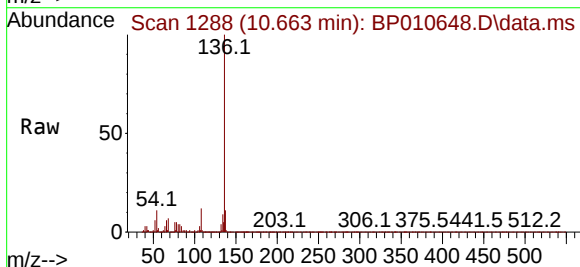
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BNA_P
ClientSampleId :
P009-SS003-2430-02

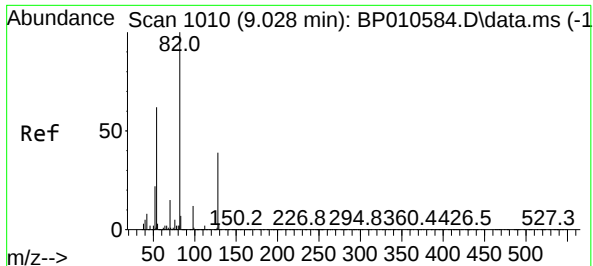
Tgt Ion: 99 Resp: 755563
Ion Ratio Lower Upper
99 100
42 22.6 20.3 30.5
71 39.1 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

Tgt Ion:136 Resp: 383863
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.9 8.7 13.1
68 6.9 4.8 7.2

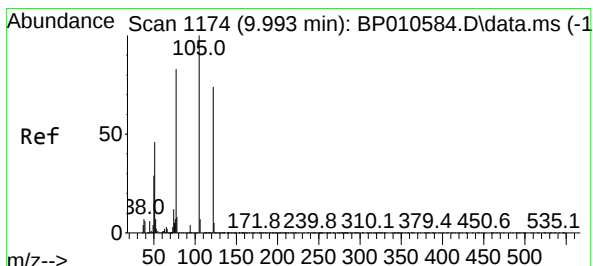
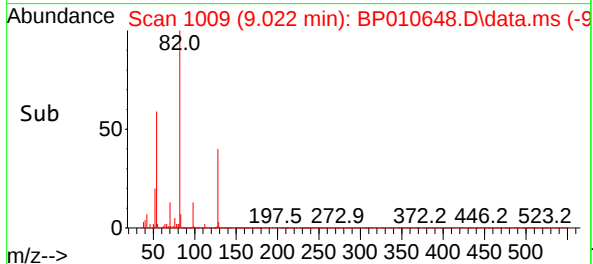
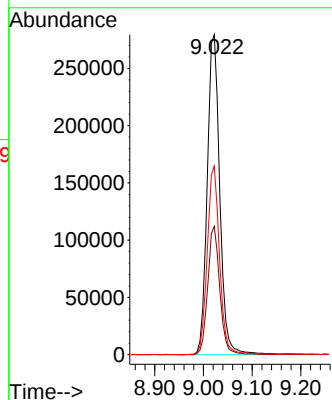
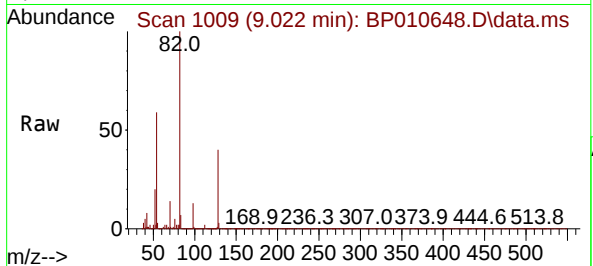




#23
Nitrobenzene-d5
Concen: 61.243 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

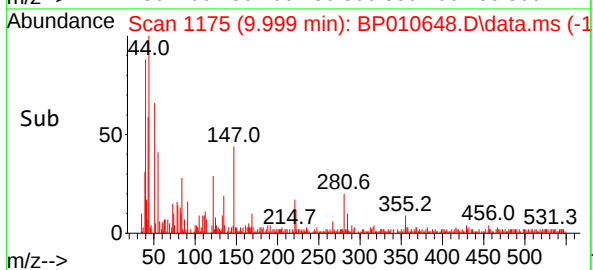
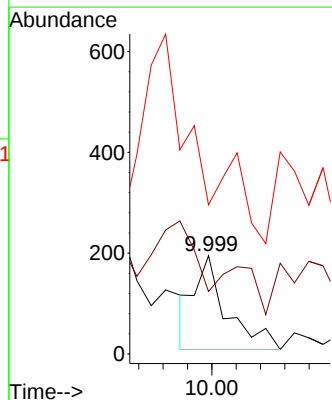
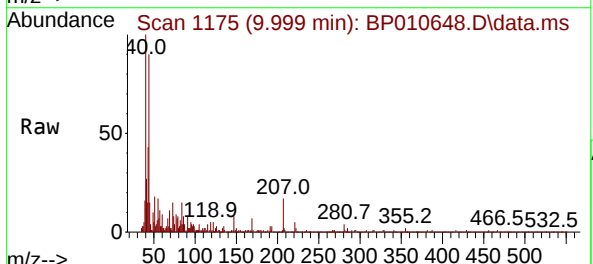
Instrument :
BNA_P
ClientSampleId :
P009-SS003-2430-02

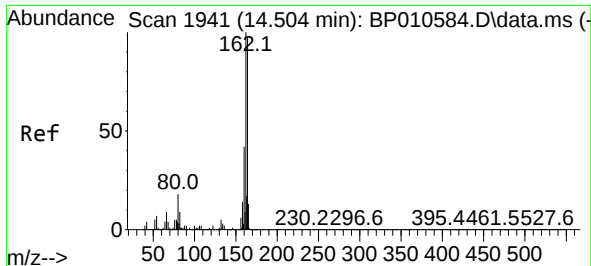
Tgt Ion: 82 Resp: 497247
Ion Ratio Lower Upper
82 100
128 40.1 31.3 46.9
54 59.0 49.8 74.8



#32
Benzoic acid
Concen: 7.365 ng
RT: 9.999 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

Tgt Ion: 122 Resp: 170
Ion Ratio Lower Upper
122 100
105 63.6 112.6 152.6#
77 151.8 90.2 130.2#

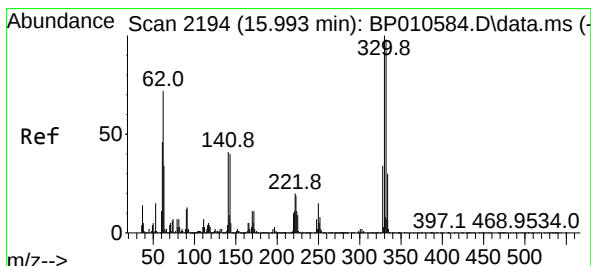
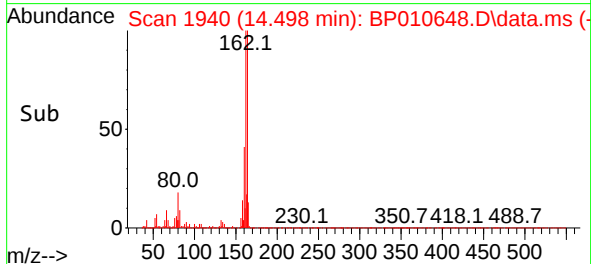
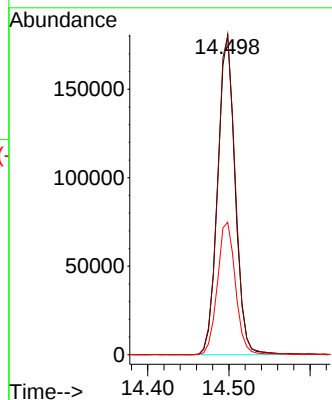
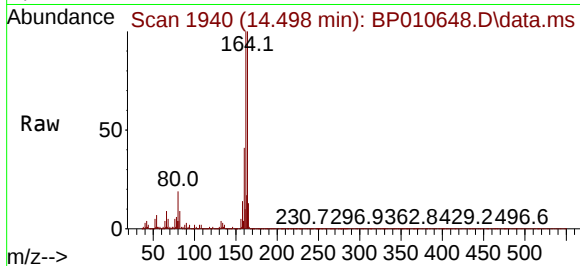




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

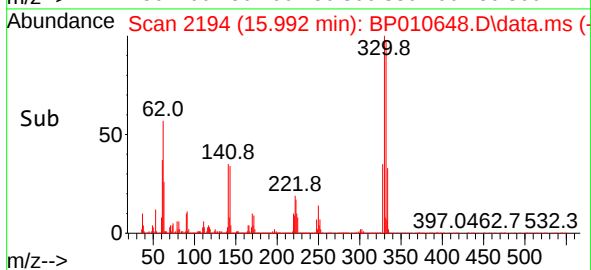
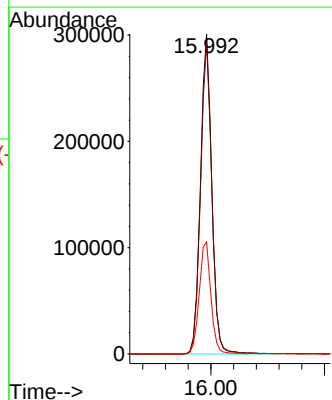
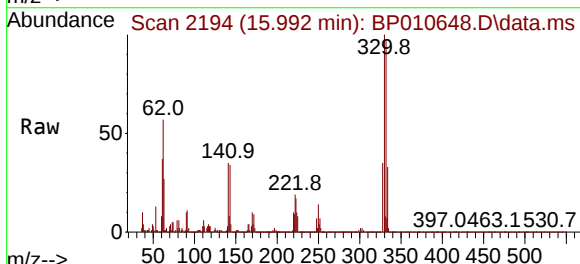
Instrument :
BNA_P
ClientSampleId :
P009-SS003-2430-02

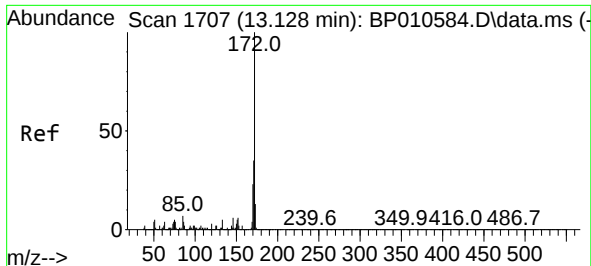
Tgt Ion:164 Resp: 269660
Ion Ratio Lower Upper
164 100
162 99.5 81.9 122.9
160 41.4 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 136.584 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

Tgt Ion:330 Resp: 416914
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 36.2 31.4 47.2

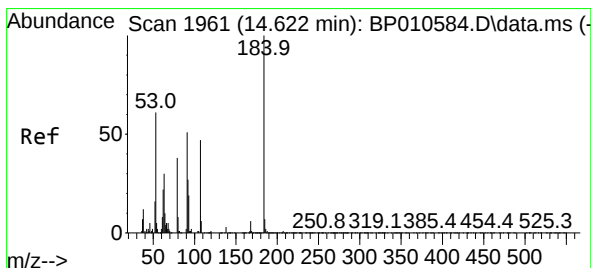
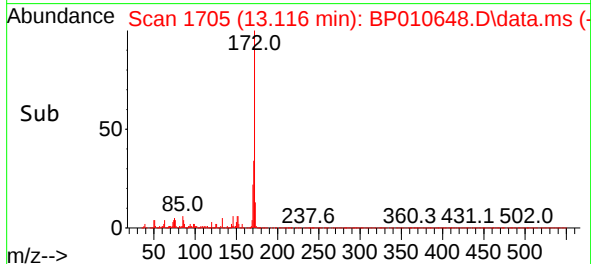
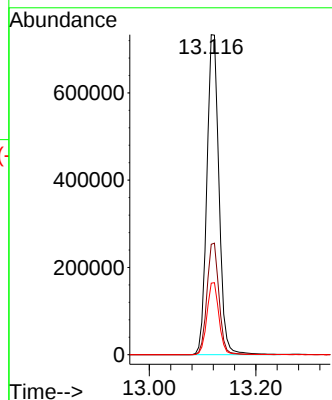
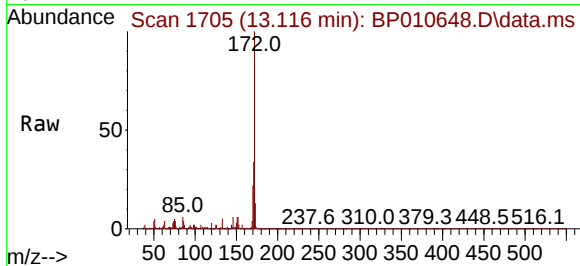




#45
2-Fluorobiphenyl
Concen: 60.765 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

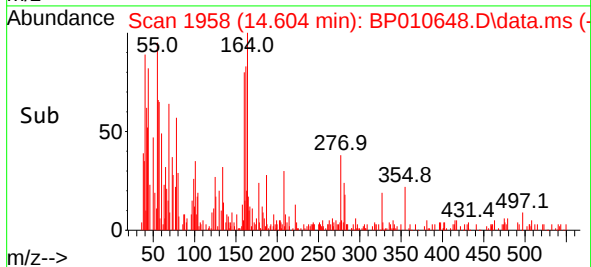
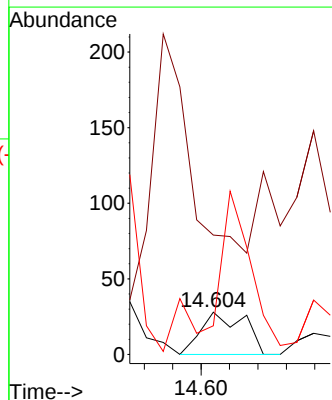
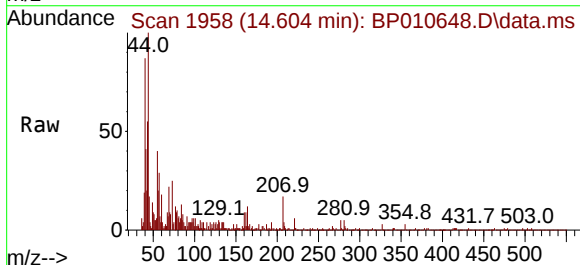
Instrument :
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ClientSampleId :
P009-SS003-2430-02

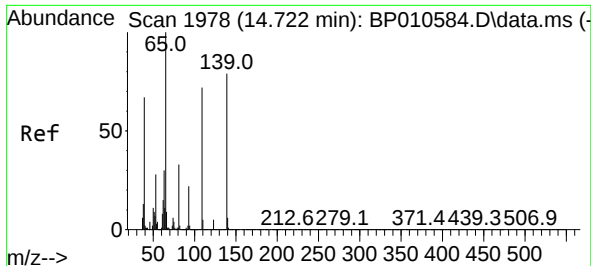
Tgt Ion:172 Resp: 1154549
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 22.4 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.657 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 282.1 65.4 98.2#
154 67.9 55.4 83.2

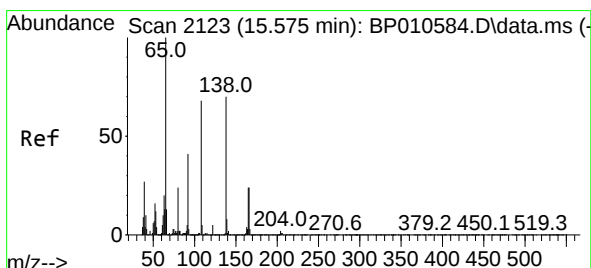
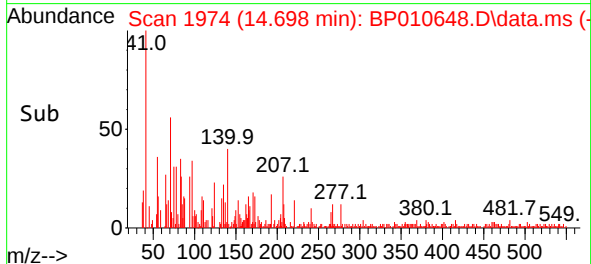
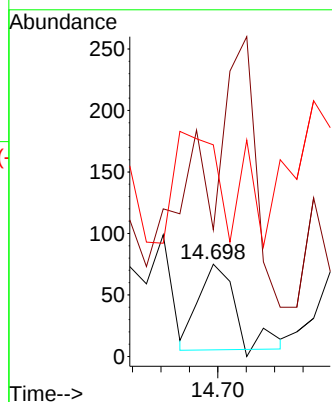
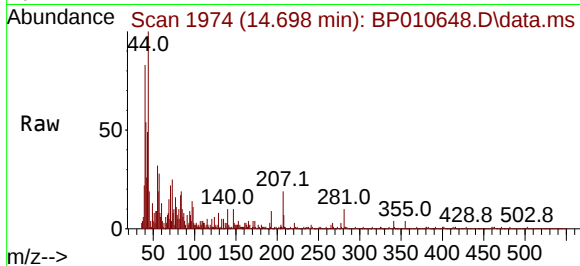




#56
4-Nitrophenol
Concen: 3.615 ng
RT: 14.698 min Scan# 1978
Delta R.T. -0.024 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

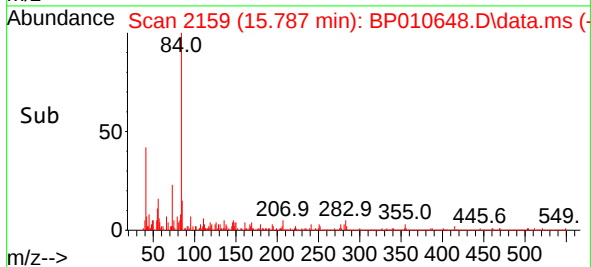
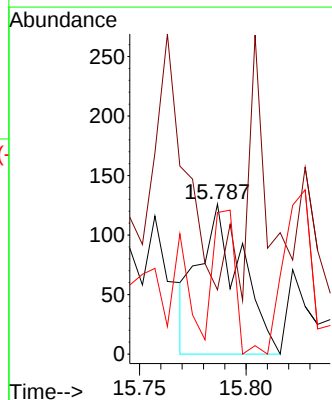
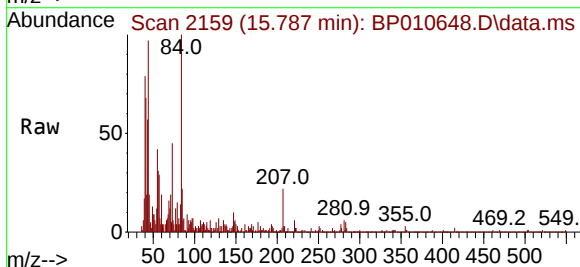
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ClientSampleId :
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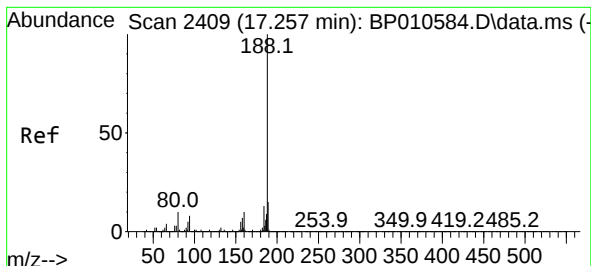
Tgt Ion:	139	Resp:	65
Ion	Ratio	Lower	Upper
139	100		
109	137.3	70.6	110.6#
65	229.3	106.6	146.6#



#62
4-Nitroaniline
Concen: 2.171 ng
RT: 15.787 min Scan# 2159
Delta R.T. 0.212 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

Tgt Ion:	138	Resp:	173
Ion	Ratio	Lower	Upper
138	100		
92	42.9	38.0	78.0
108	94.4	77.6	117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP010648.D

Acq: 01 Jun 2022 13:17

Instrument :

BNA_P

ClientSampleId :

P009-SS003-2430-02

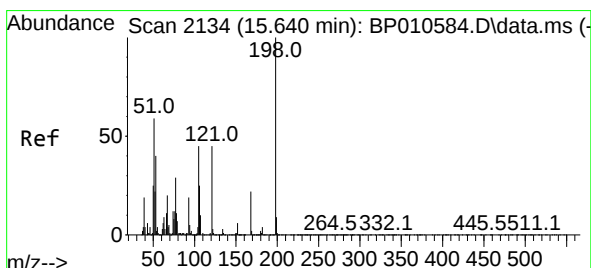
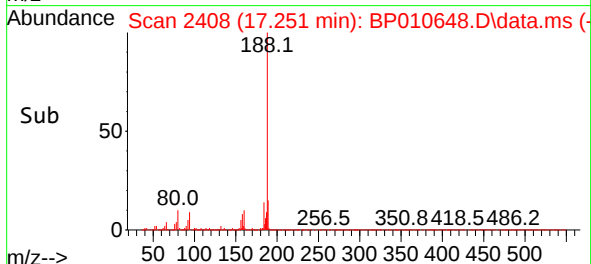
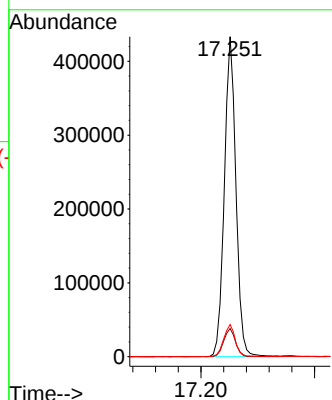
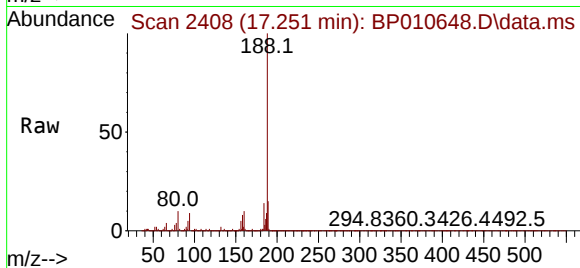
Tgt Ion:188 Resp: 616122

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 10.1 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.607 ng

RT: 15.628 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BP010648.D

Acq: 01 Jun 2022 13:17

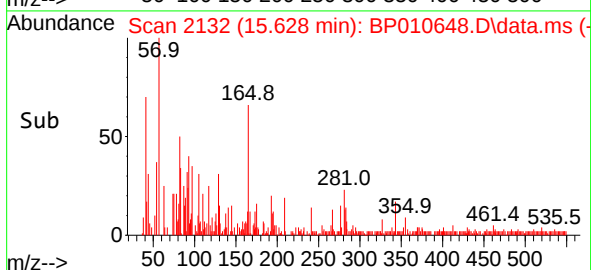
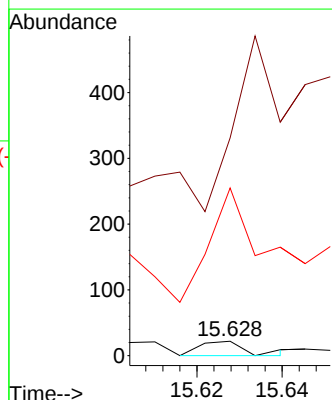
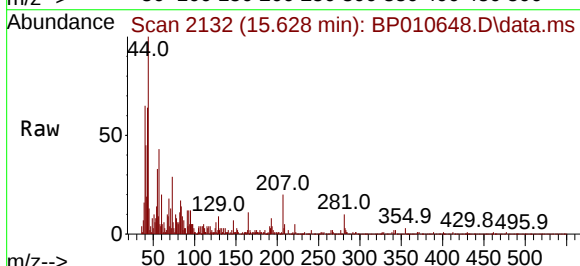
Tgt Ion:198 Resp: 18

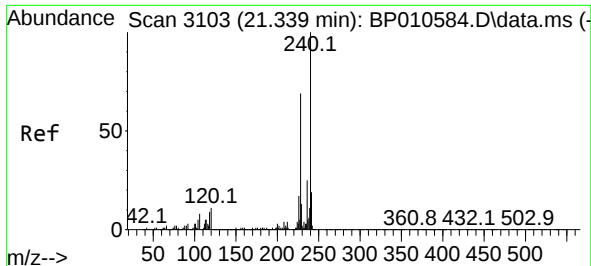
Ion Ratio Lower Upper

198 100

51 1504.5 41.2 81.2#

105 1159.1 25.3 65.3#

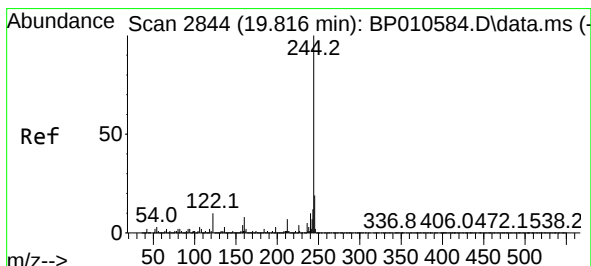
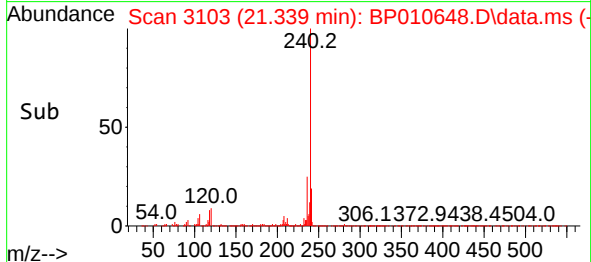
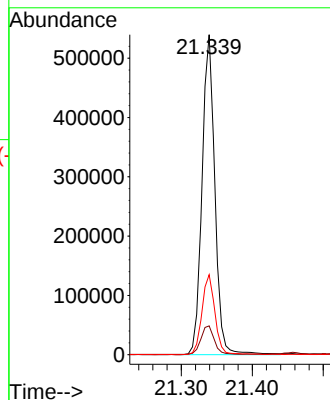
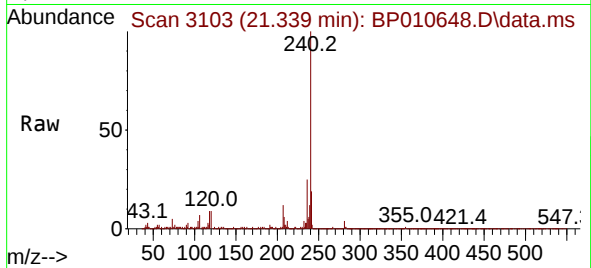




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

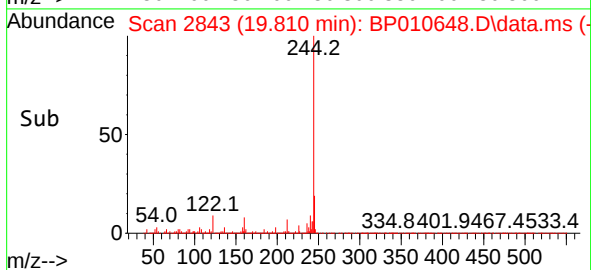
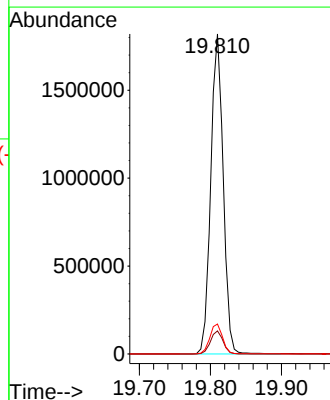
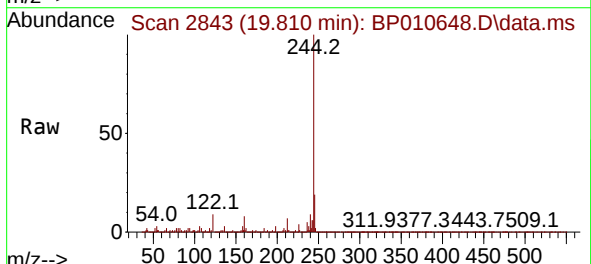
Instrument :
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ClientSampleId :
P009-SS003-2430-02

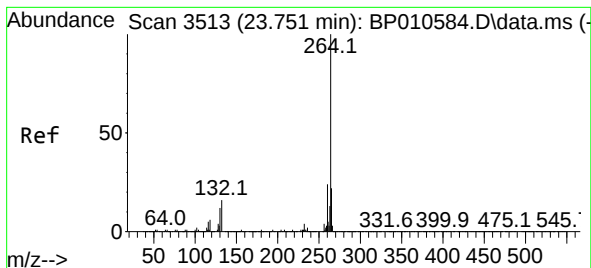
Tgt Ion:240 Resp: 679636
Ion Ratio Lower Upper
240 100
120 9.0 8.6 12.8
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 61.204 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010648.D
Acq: 01 Jun 2022 13:17

Tgt Ion:244 Resp: 2214558
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.4 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010648.D

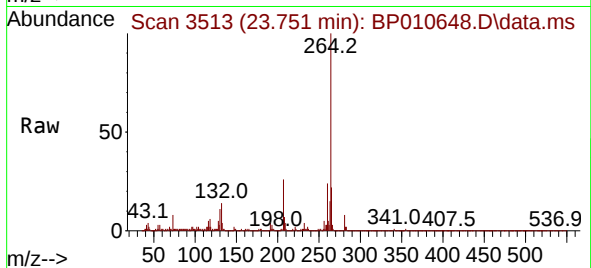
Acq: 01 Jun 2022 13:17

Instrument :

BNA_P

ClientSampleId :

P009-SS003-2430-02



Tgt Ion:264 Resp: 748119

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.6 18.0 27.0

