

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032522\
 Data File : BP009556.D
 Acq On : 25 Mar 2022 17:18
 Operator : CG/JU
 Sample : N2094-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-2

Quant Time: Mar 26 03:00:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

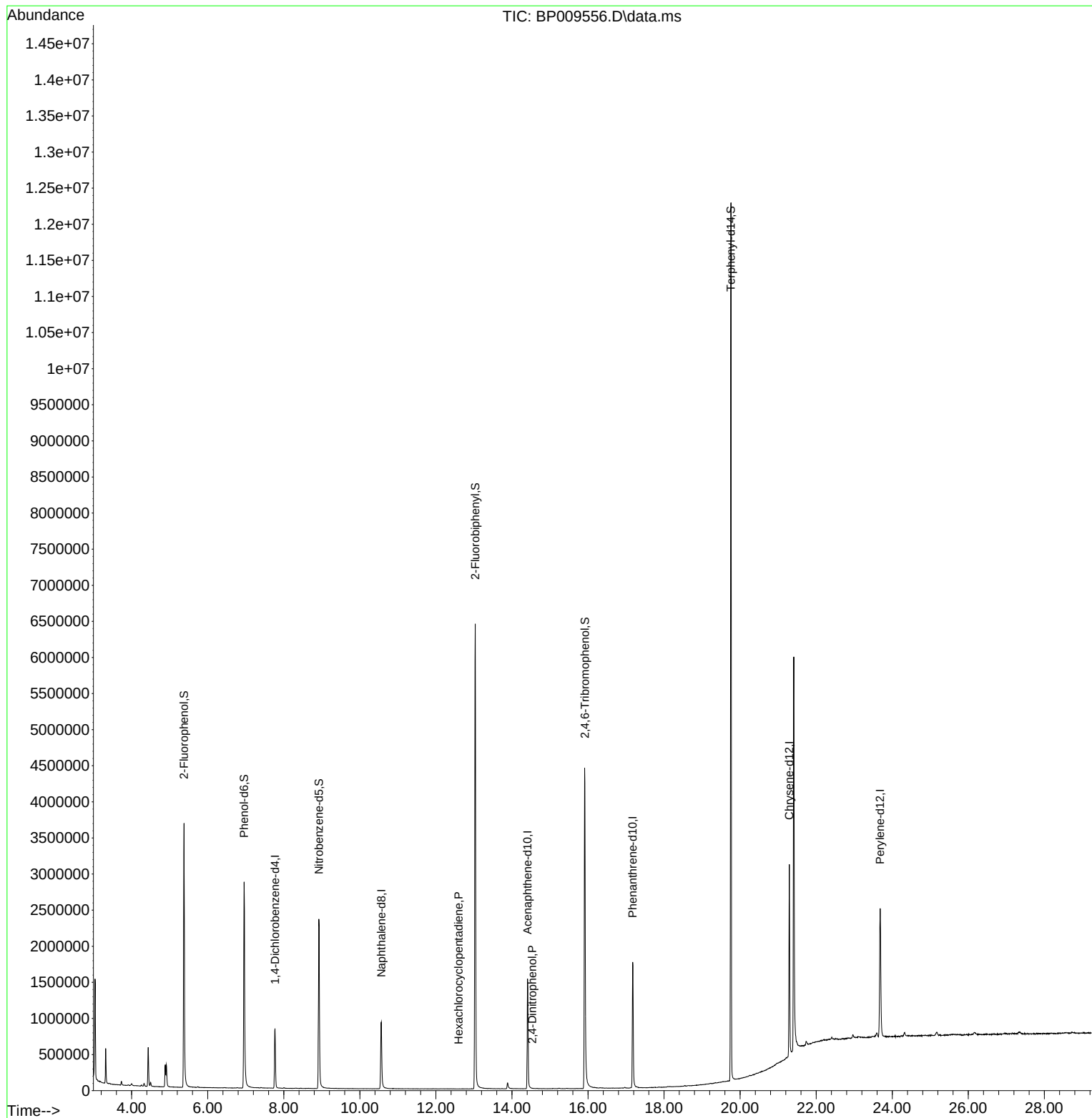
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	262080	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	993072	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	607247	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1296119	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1385947	20.000	ng	0.00
86) Perylene-d12	23.680	264	1514298	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1906392	127.001	ng	0.00
7) Phenol-d6	6.958	99	2102561	103.574	ng	0.00
23) Nitrobenzene-d5	8.922	82	1652065	88.404	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	1130378	112.805	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	3805119	86.867	ng	0.00
79) Terphenyl-d14	19.757	244	6455417	83.602	ng	0.00
Target Compounds						
9) Benzaldehyde	6.905	77	129	Below Cal	#	40
41) Hexachlorocyclopentadiene	12.599	237	8	7.289	ng	88
54) 2,4-Dinitrophenol	14.534	184	85	4.546	ng	# 1

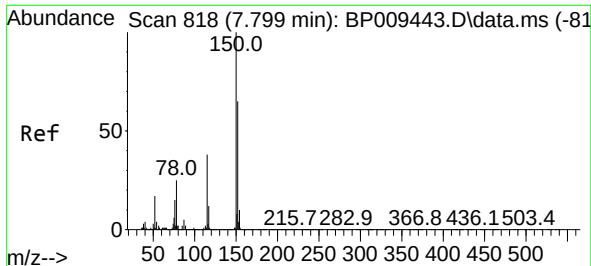
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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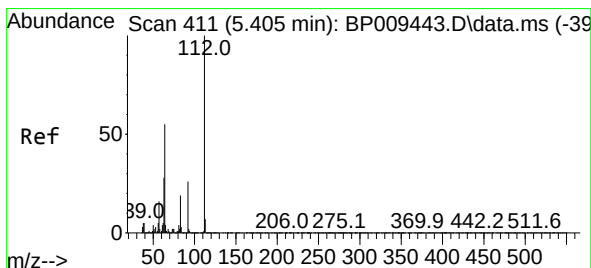
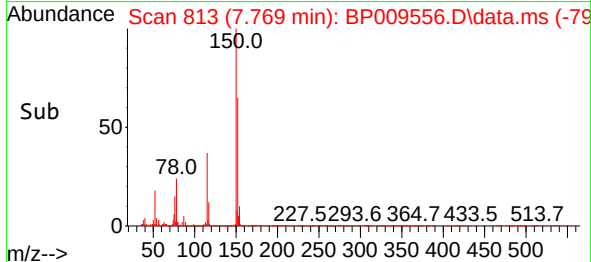
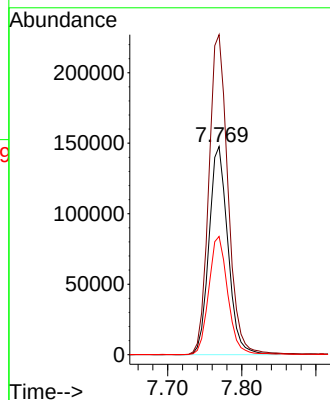
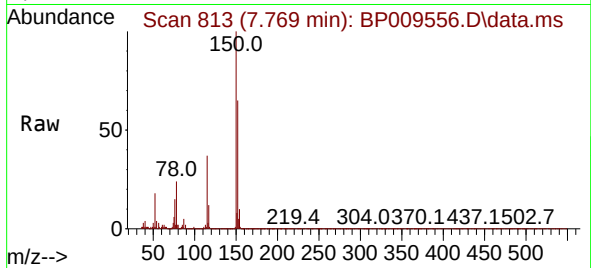




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

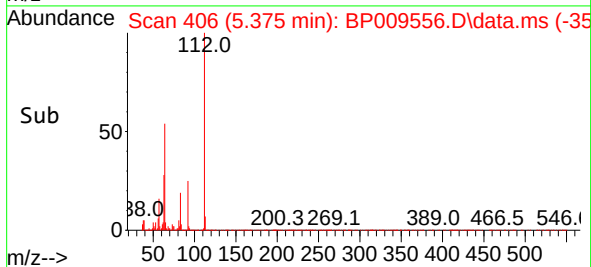
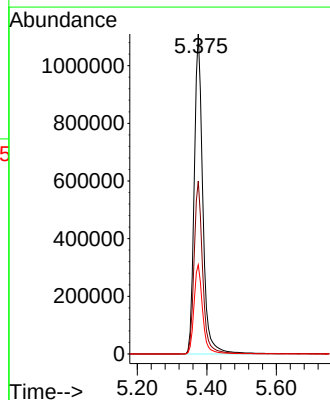
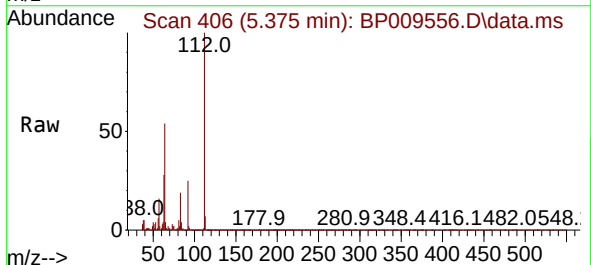
Instrument :
BNA_P
ClientSampleId :
WC-2

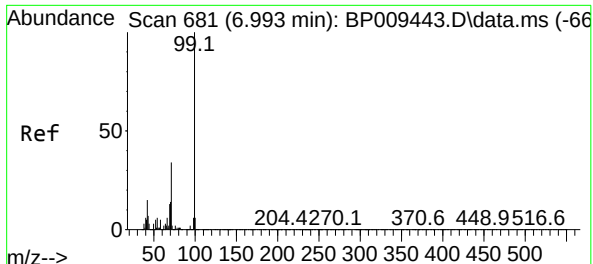
Tgt Ion:152 Resp: 262080
Ion Ratio Lower Upper
152 100
150 153.7 124.5 186.7
115 56.8 48.2 72.4



#5
2-Fluorophenol
Concen: 127.001 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

Tgt Ion:112 Resp: 1906392
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 27.8 23.0 34.6

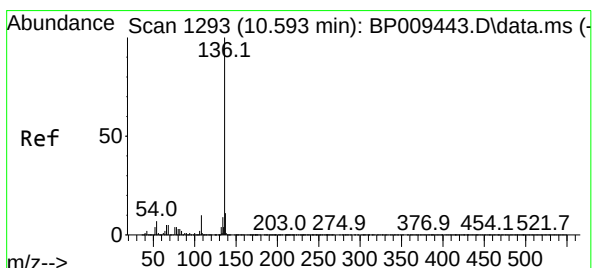
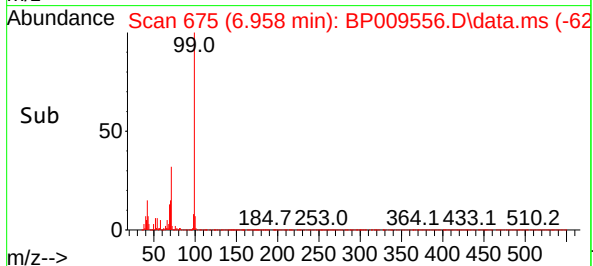
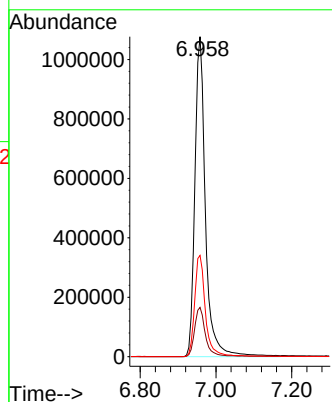
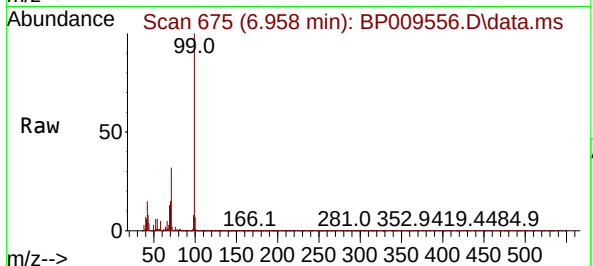




#7
Phenol-d6
Concen: 103.574 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

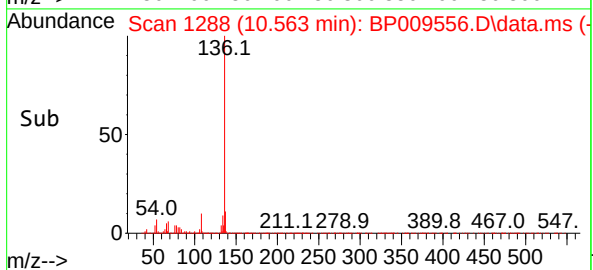
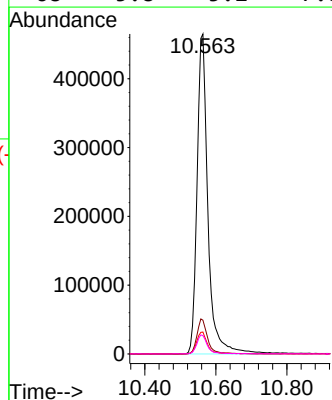
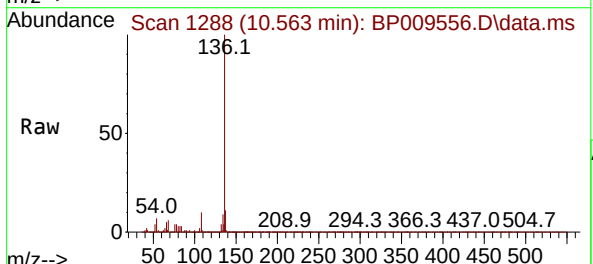
Instrument :
BNA_P
ClientSampleId :
WC-2

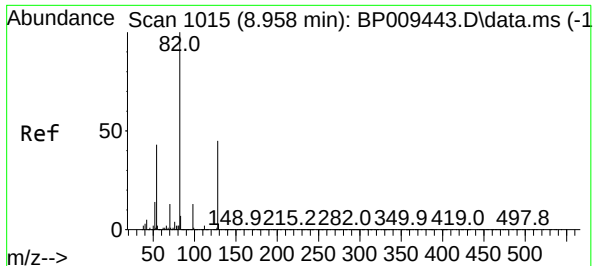
Tgt Ion: 99 Resp: 2102561
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 31.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

Tgt Ion: 136 Resp: 993072
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.9 5.8 8.8
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 88.404 ng

RT: 8.922 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BP009556.D

Acq: 25 Mar 2022 17:18

Instrument :

BNA_P

ClientSampleId :

WC-2

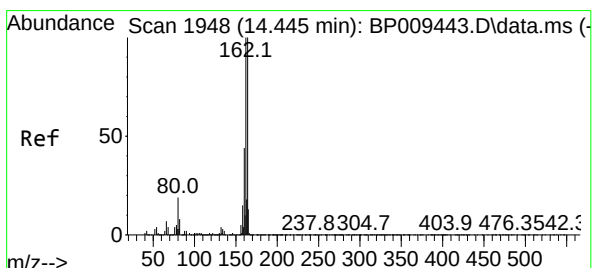
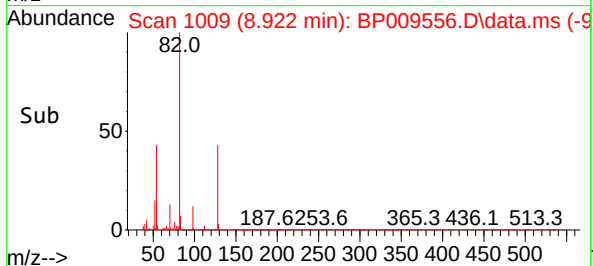
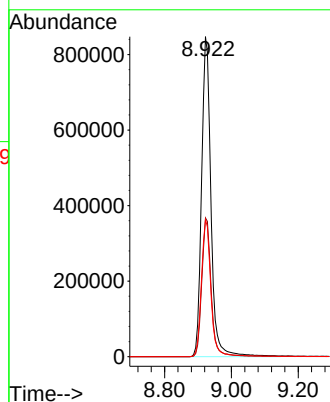
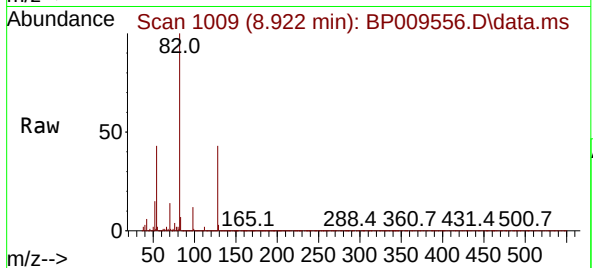
Tgt Ion: 82 Resp: 1652065

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

54 42.9 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.012 min

Lab File: BP009556.D

Acq: 25 Mar 2022 17:18

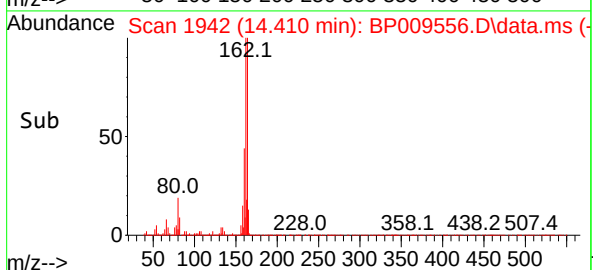
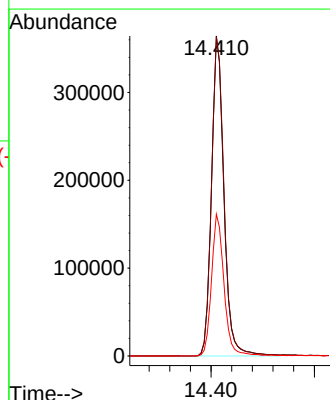
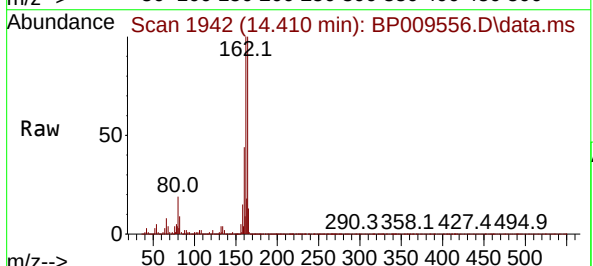
Tgt Ion: 164 Resp: 607247

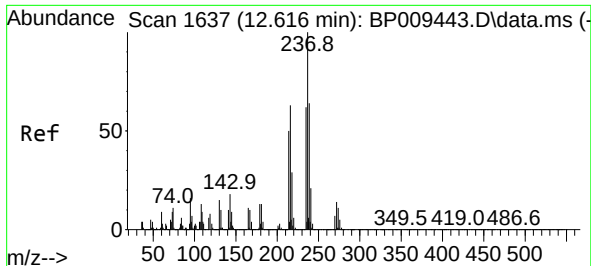
Ion Ratio Lower Upper

164 100

162 99.8 79.1 118.7

160 44.3 34.9 52.3

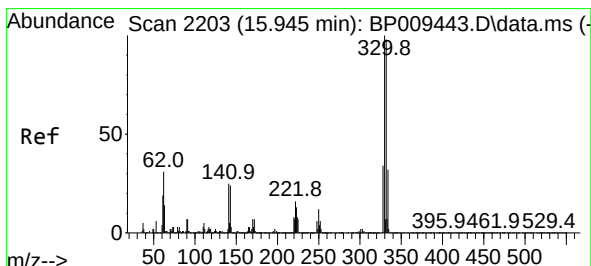
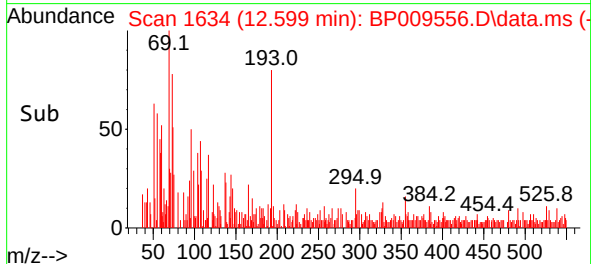
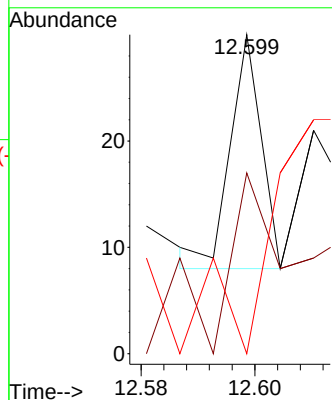
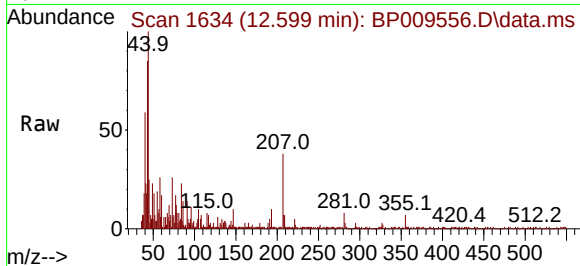




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.599 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

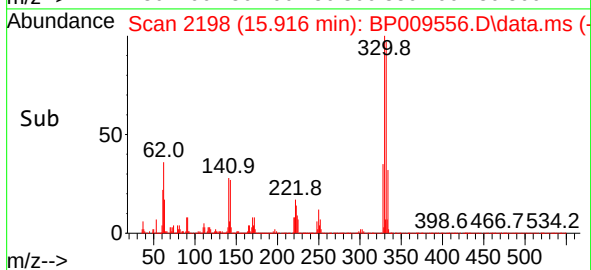
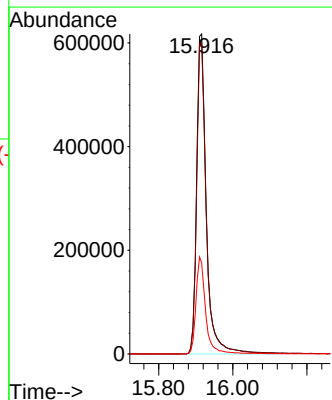
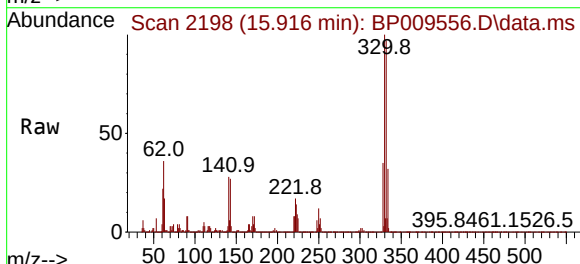
Instrument :
BNA_P
ClientSampleId :
WC-2

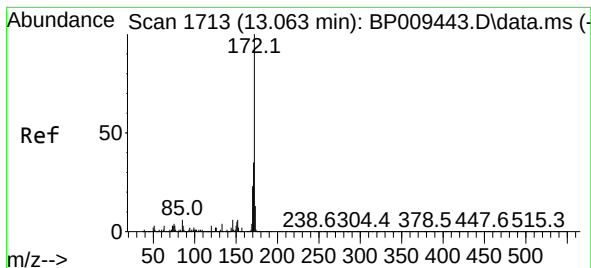
Tgt Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	56.7	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 112.805 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

Tgt Ion:	330	Resp:	1130378
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.8	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 86.867 ng

RT: 13.034 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009556.D

Acq: 25 Mar 2022 17:18

Instrument :

BNA_P

ClientSampleId :

WC-2

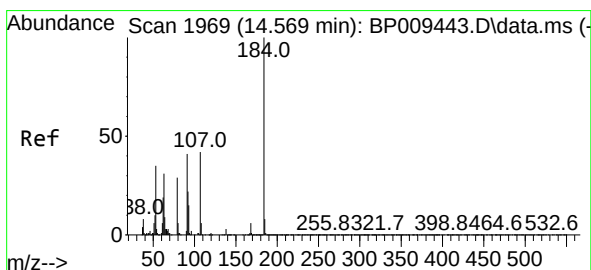
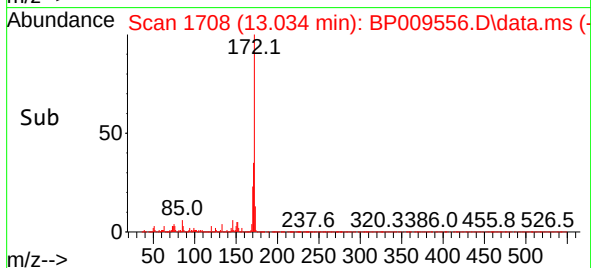
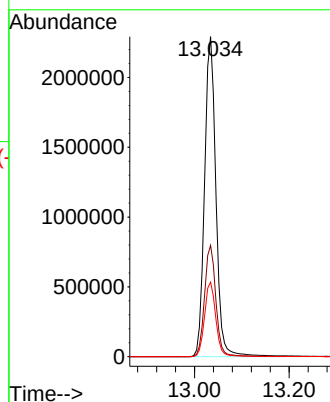
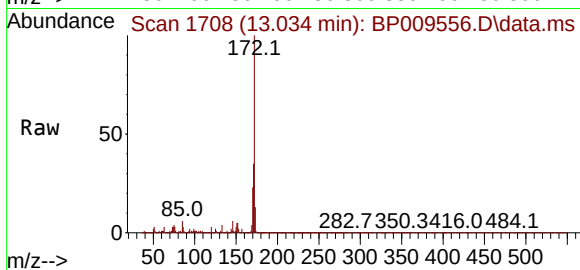
Tgt Ion:172 Resp: 3805119

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.3 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.546 ng

RT: 14.534 min Scan# 1963

Delta R.T. -0.018 min

Lab File: BP009556.D

Acq: 25 Mar 2022 17:18

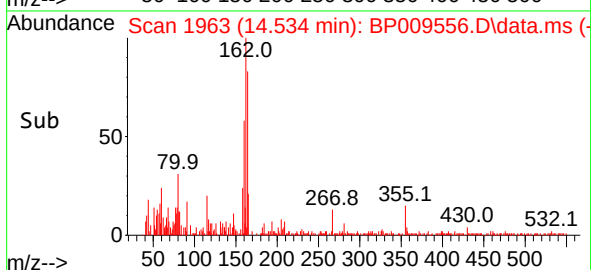
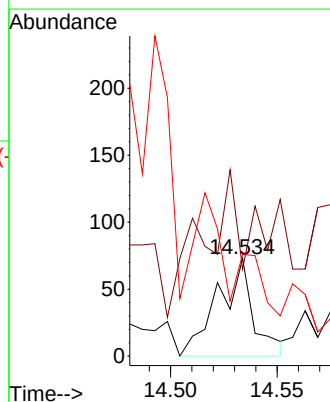
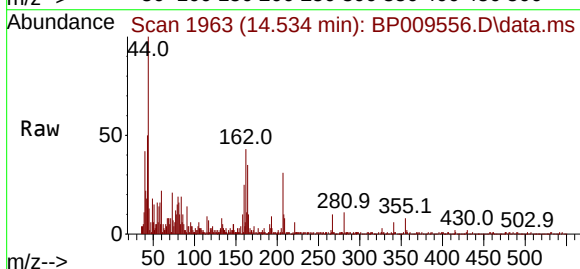
Tgt Ion:184 Resp: 85

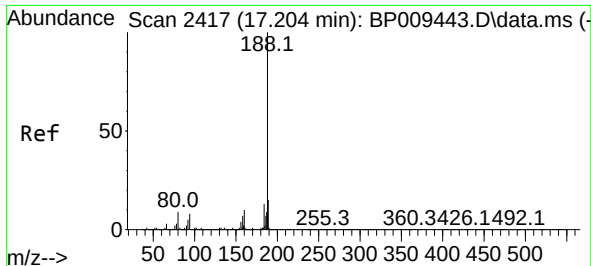
Ion Ratio Lower Upper

184 100

63 142.5 46.3 69.5#

154 130.1 45.8 68.6#

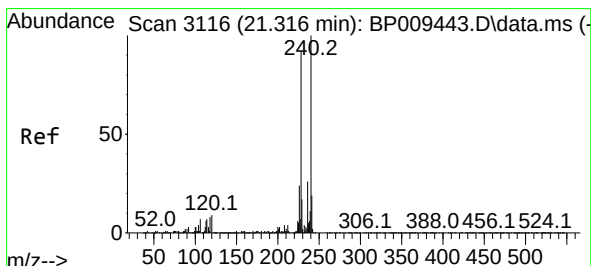
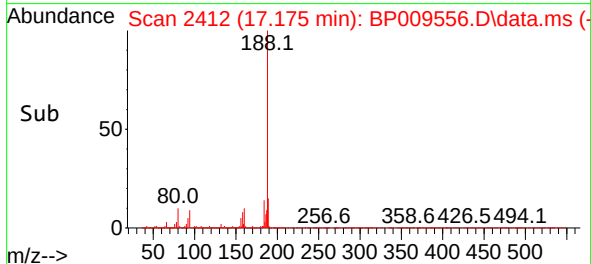
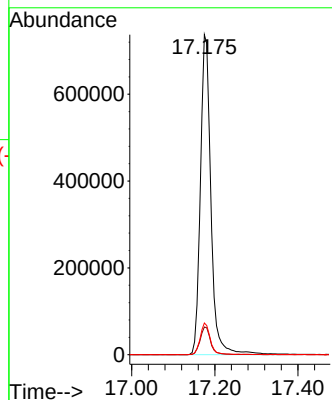
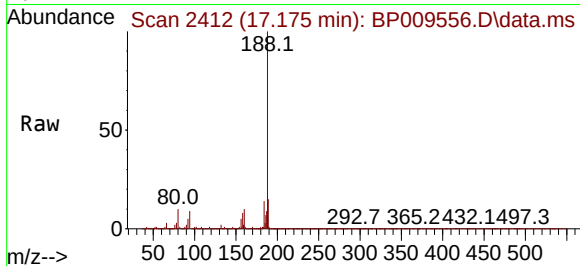




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

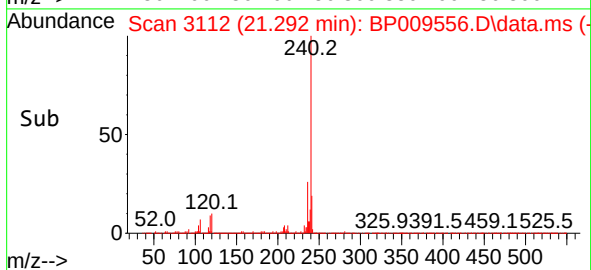
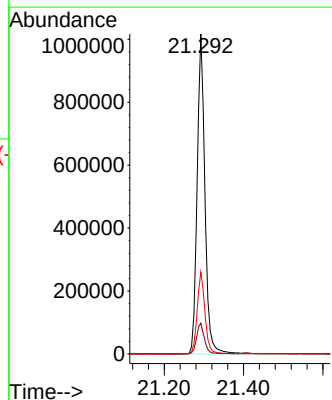
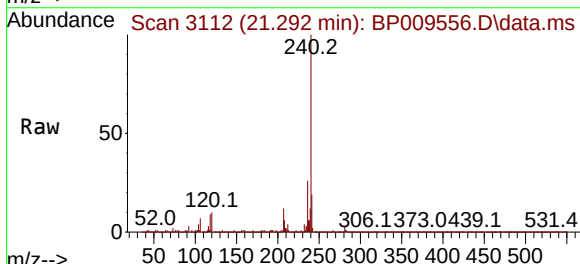
Instrument :
BNA_P
ClientSampleId :
WC-2

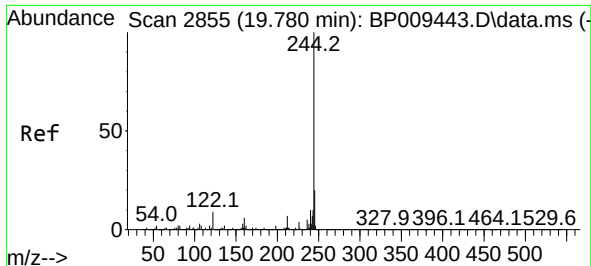
Tgt Ion:188 Resp: 1296119
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.9 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009556.D
Acq: 25 Mar 2022 17:18

Tgt Ion:240 Resp: 1385947
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 25.6 20.6 30.8



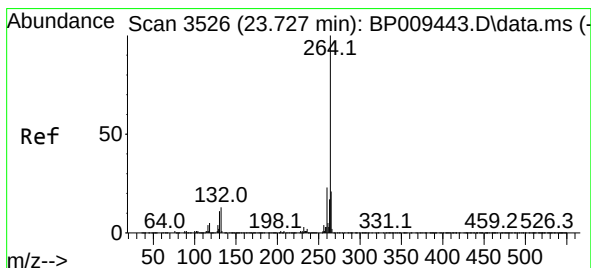
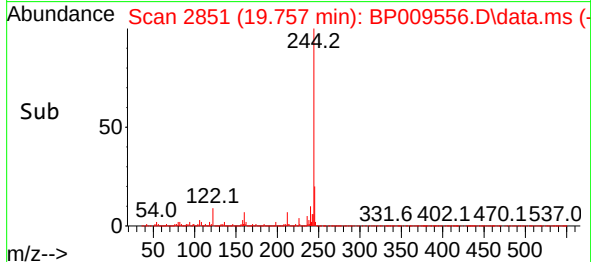
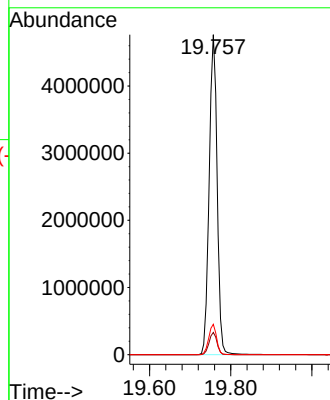
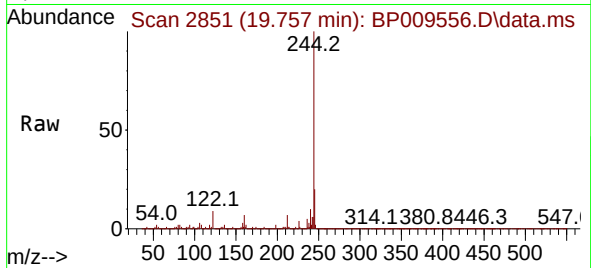


#79
 Terphenyl-d14
 Concen: 83.602 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009556.D
 Acq: 25 Mar 2022 17:18

Instrument :
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 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 6455417

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.5	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.680 min Scan# 3518
 Delta R.T. -0.012 min
 Lab File: BP009556.D
 Acq: 25 Mar 2022 17:18

Tgt Ion:264 Resp: 1514298

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.6	17.2	25.8

