

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009484.D
 Acq On : 22 Mar 2022 12:53
 Operator : CG/JU
 Sample : PB143306TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143306TB

Quant Time: Mar 23 01:20:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

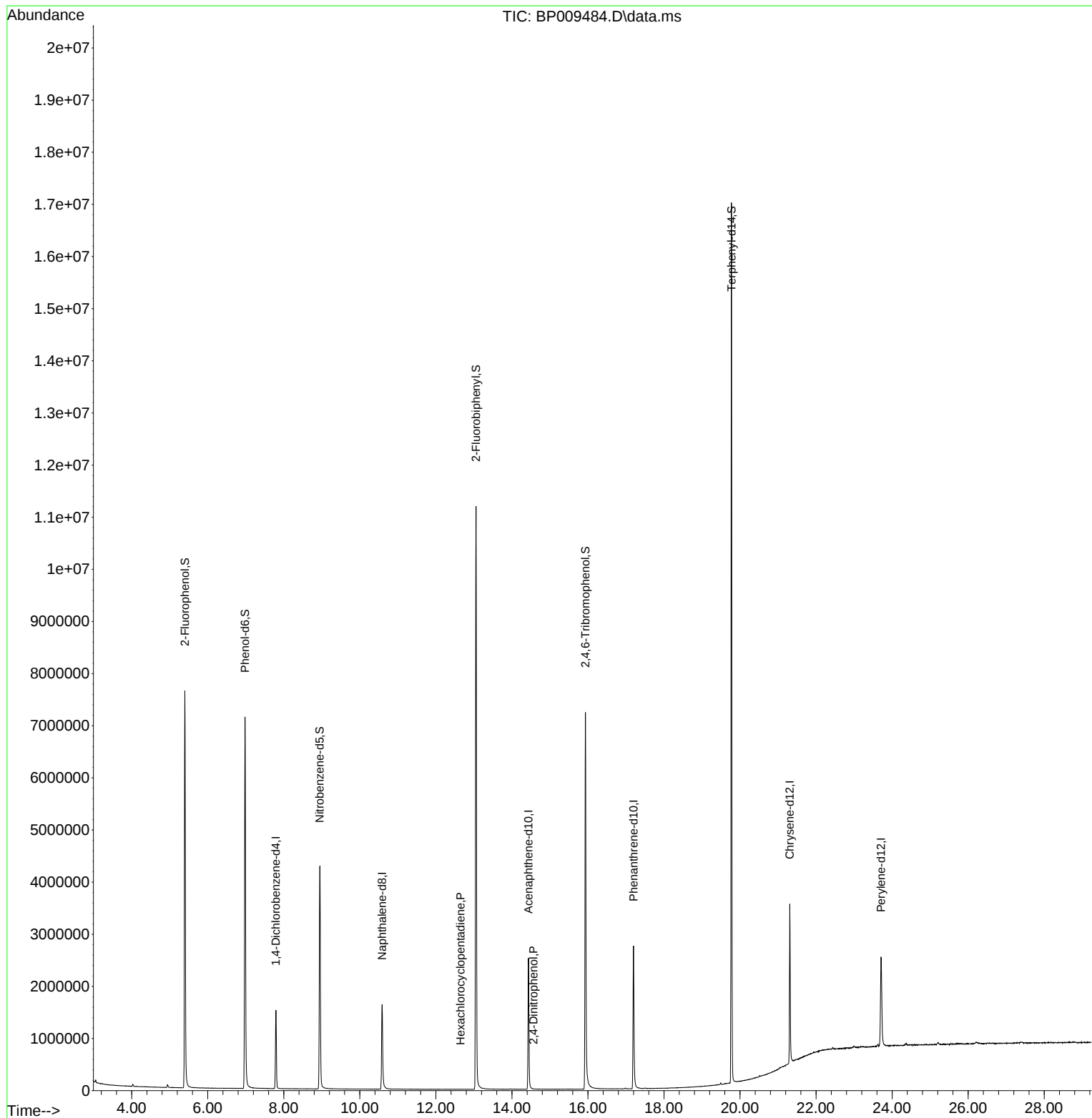
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	456660	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	1771442	20.000	ng	0.00
39) Acenaphthene-d10	14.433	164	1044950	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	2069647	20.000	ng	0.00
76) Chrysene-d12	21.309	240	1690941	20.000	ng	0.00
86) Perylene-d12	23.709	264	1574867	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	3925170	150.070	ng	0.00
7) Phenol-d6	6.981	99	4799537	135.688	ng	-0.01
23) Nitrobenzene-d5	8.945	82	3014373	90.426	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	1778504	103.141	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	6694857	88.818	ng	0.00
79) Terphenyl-d14	19.774	244	8666018	91.988	ng	0.00
Target Compounds						
9) Benzaldehyde	6.981	77	7890	Below Cal	#	8
41) Hexachlorocyclopentadiene	12.645	237	12	7.289	ng	78
54) 2,4-Dinitrophenol	14.569	184	8	4.533	ng	# 1

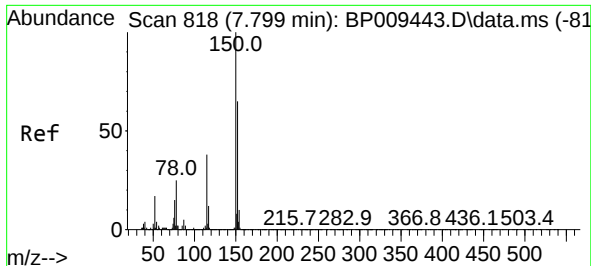
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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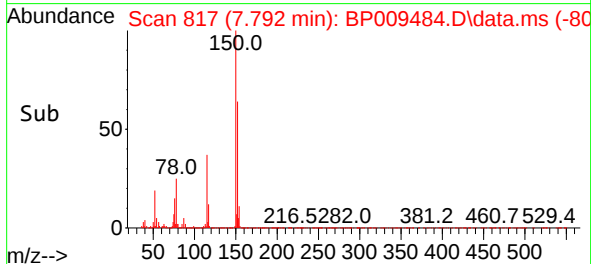
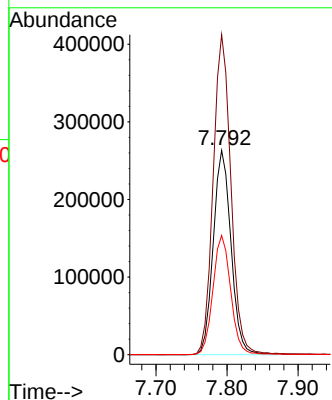
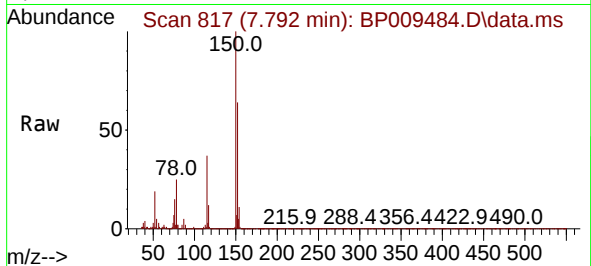




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 818
Delta R.T. -0.007 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

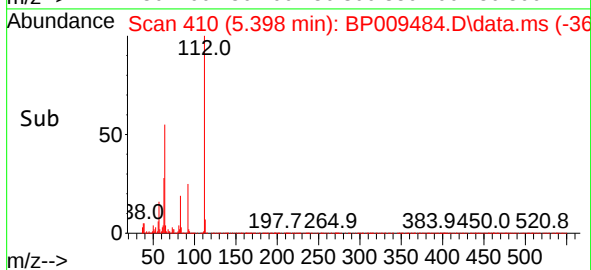
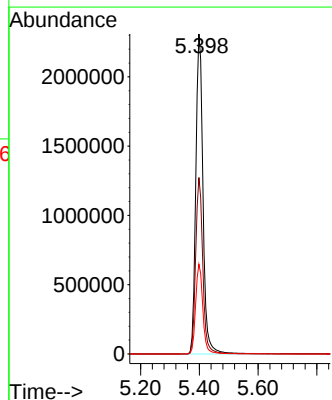
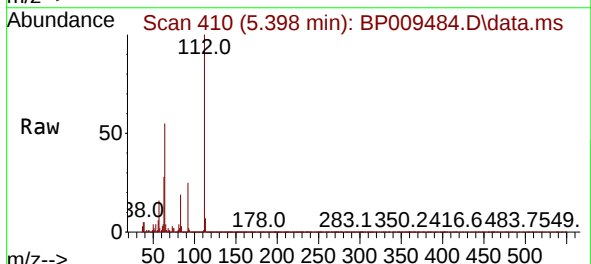
Instrument :
BNA_P
ClientSampleId :
PB143306TB

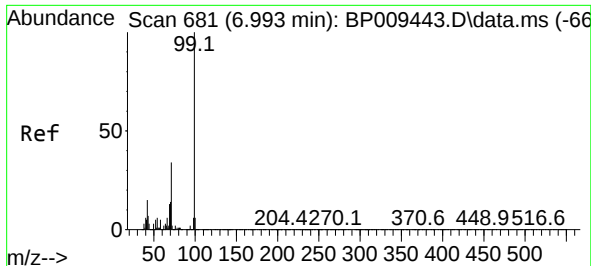
Tgt Ion:152 Resp: 456660
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 150.070 ng
RT: 5.398 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

Tgt Ion:112 Resp: 3925170
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 28.1 23.0 34.6

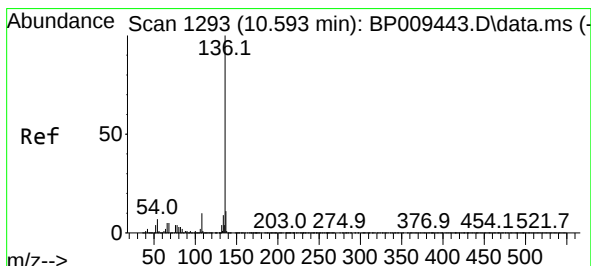
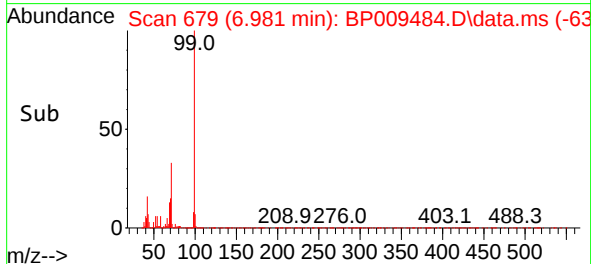
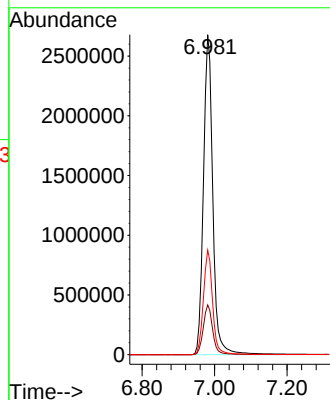
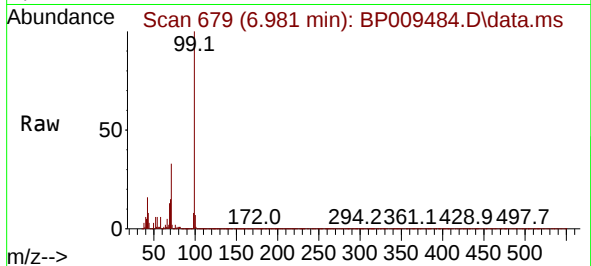




#7
Phenol-d6
Concen: 135.688 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

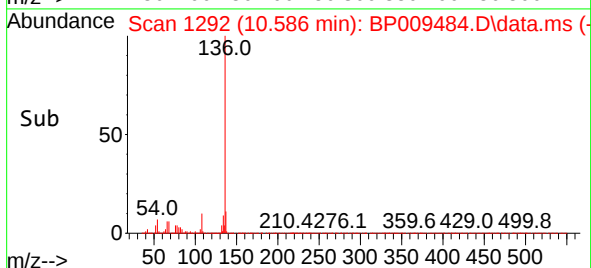
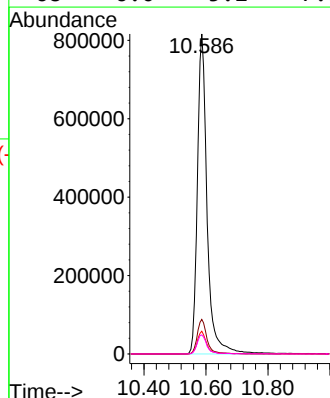
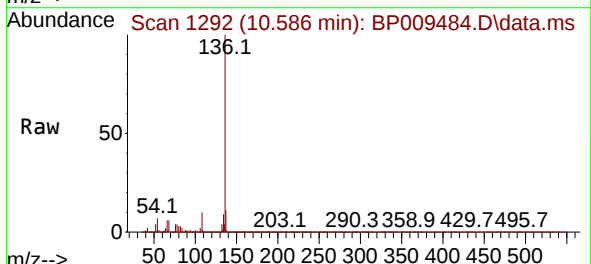
Instrument :
BNA_P
ClientSampleId :
PB143306TB

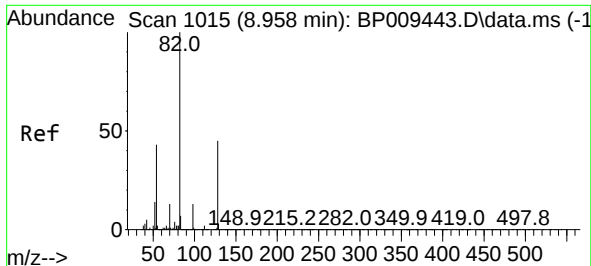
Tgt Ion: 99 Resp: 4799537
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.007 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

Tgt Ion: 136 Resp: 1771442
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 5.8 8.8
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 90.426 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.012 min

Lab File: BP009484.D

Acq: 22 Mar 2022 12:53

Instrument :

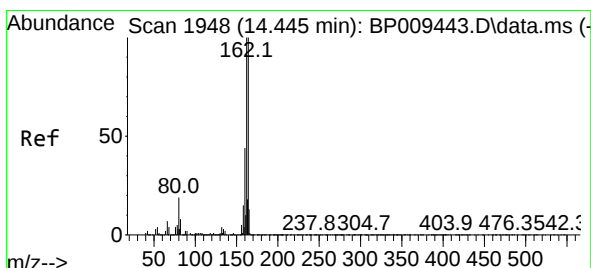
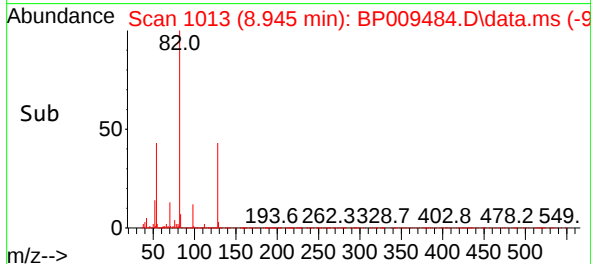
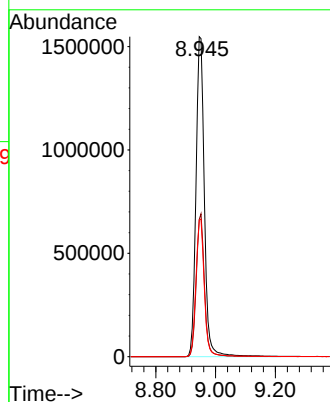
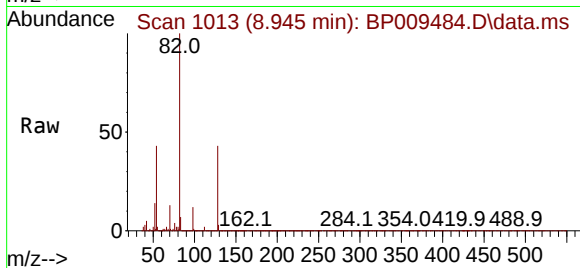
BNA_P

ClientSampleId :

PB143306TB

Tgt Ion: 82 Resp: 3014373

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.2	51.4
54	42.8	34.7	52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

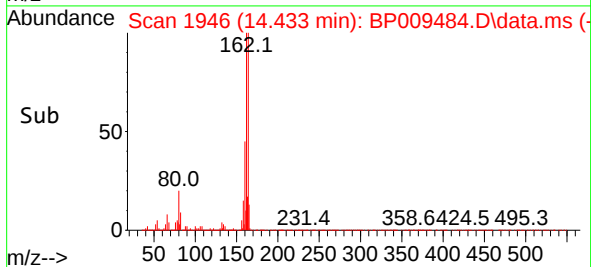
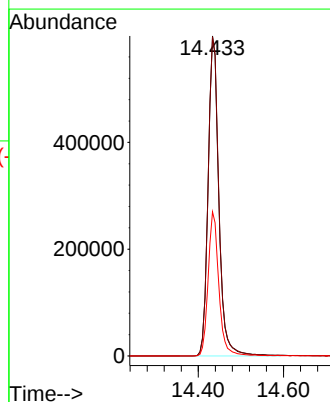
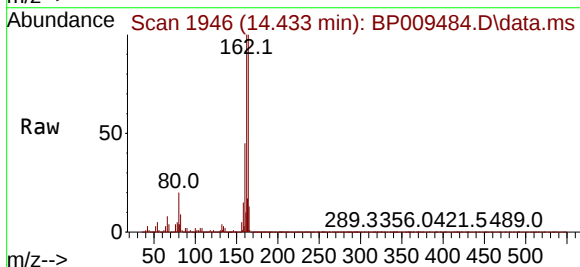
Delta R.T. -0.012 min

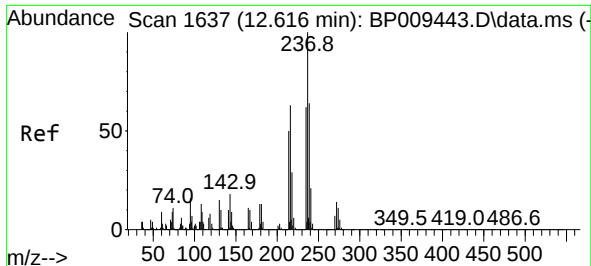
Lab File: BP009484.D

Acq: 22 Mar 2022 12:53

Tgt Ion:164 Resp: 1044950

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.1	118.7
160	45.1	34.9	52.3

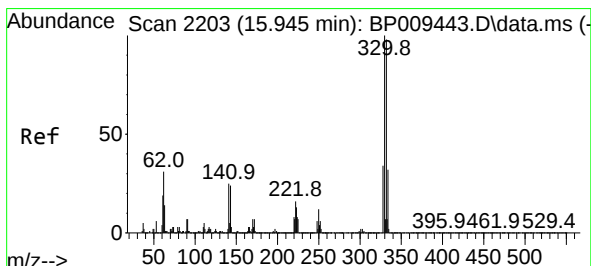
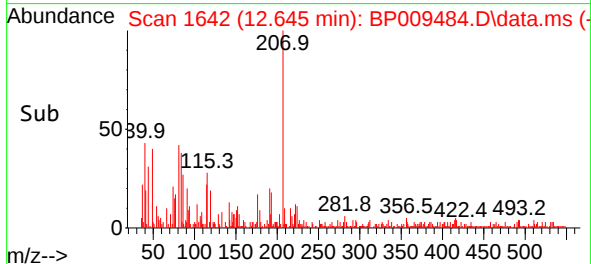
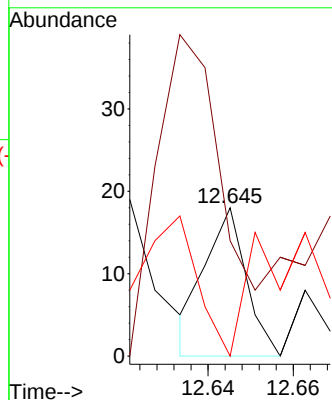
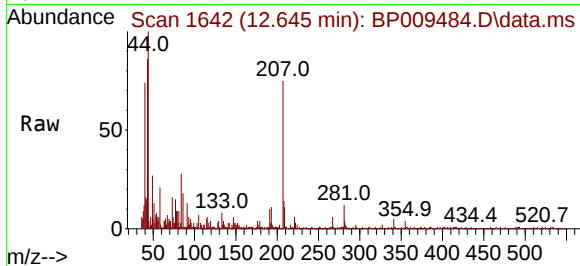




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

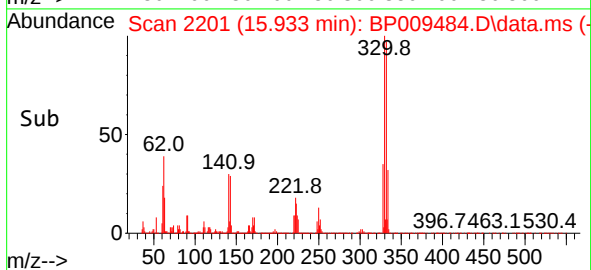
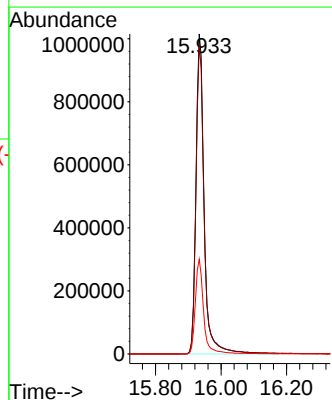
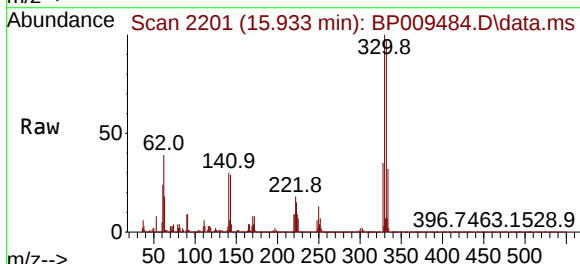
Instrument :
BNA_P
ClientSampleId :
PB143306TB

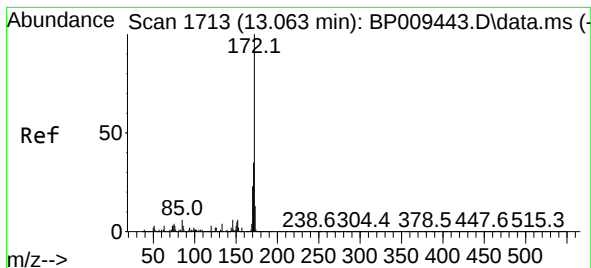
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	77.8	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 103.141 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

Tgt Ion:	330	Resp:	1778504
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.8	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 88.818 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP009484.D

Acq: 22 Mar 2022 12:53

Instrument :

BNA_P

ClientSampleId :

PB143306TB

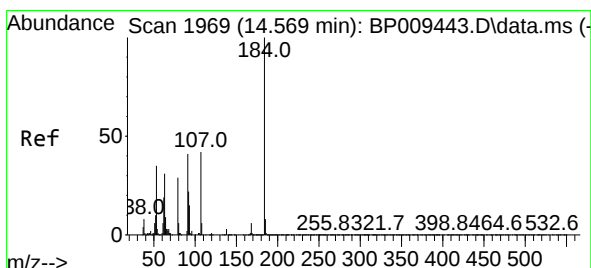
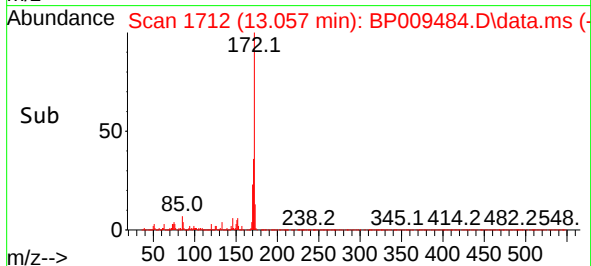
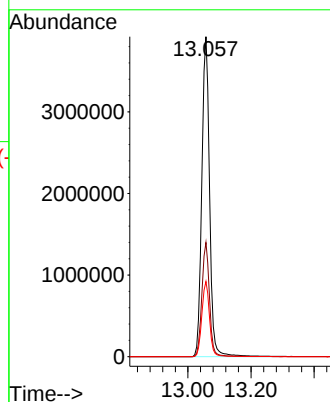
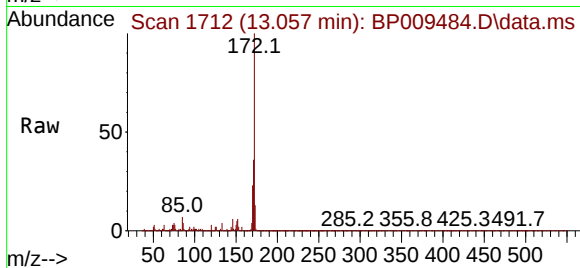
Tgt Ion:172 Resp: 6694857

Ion Ratio Lower Upper

172 100

171 35.7 28.0 42.0

170 23.5 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.533 ng

RT: 14.569 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP009484.D

Acq: 22 Mar 2022 12:53

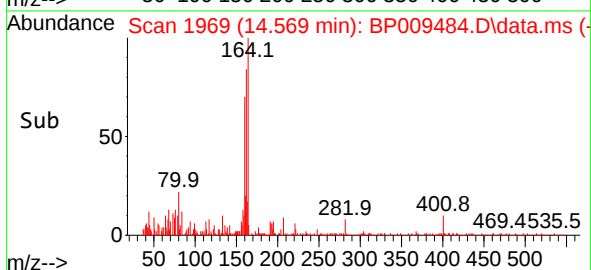
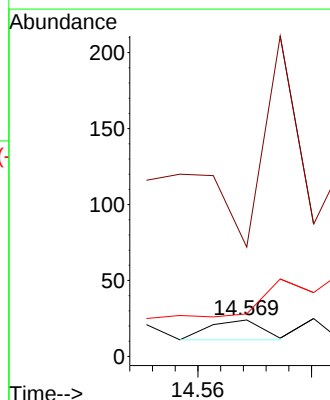
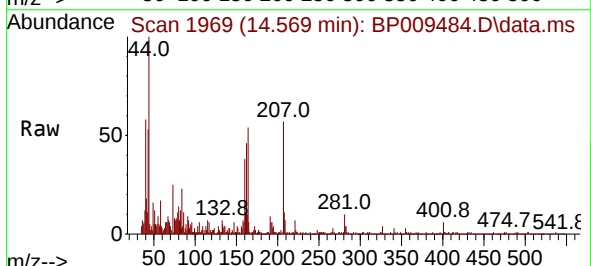
Tgt Ion:184 Resp: 8

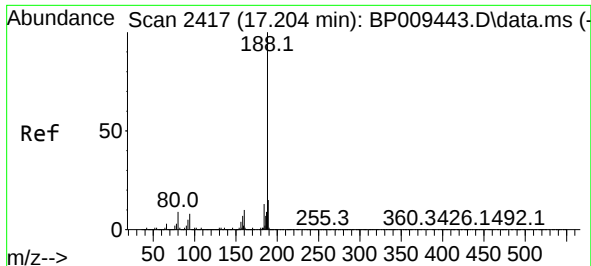
Ion Ratio Lower Upper

184 100

63 300.0 46.3 69.5#

154 116.7 45.8 68.6#

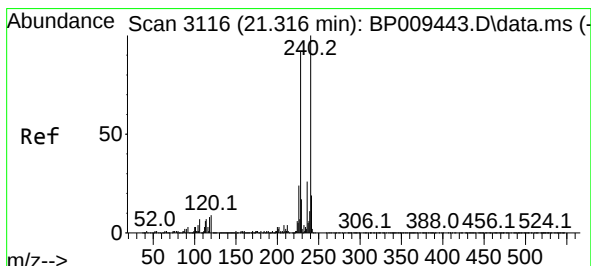
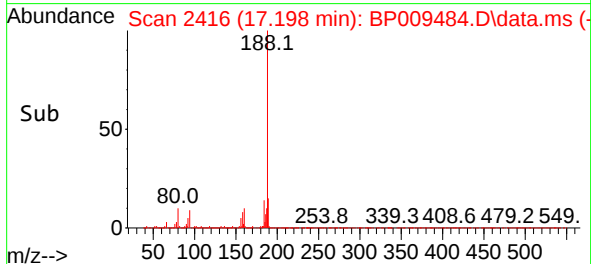
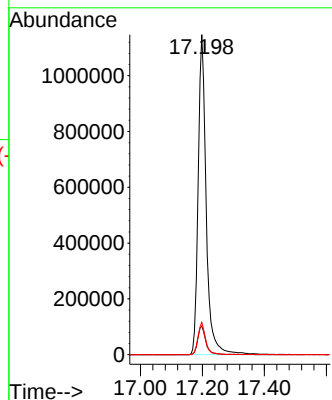
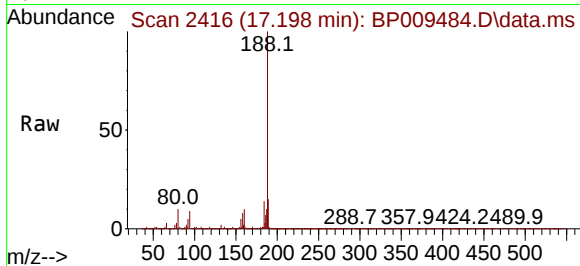




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

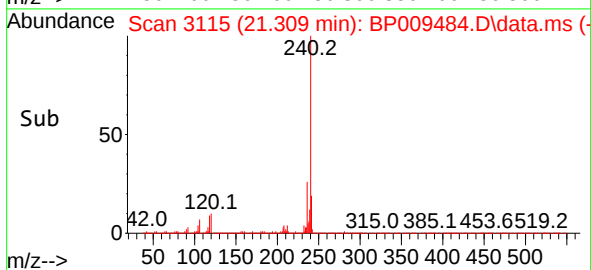
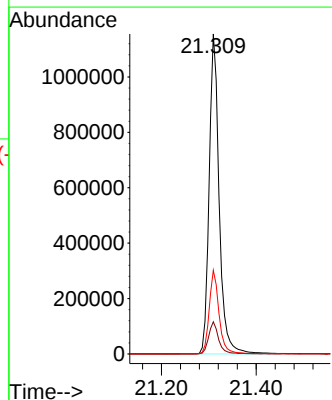
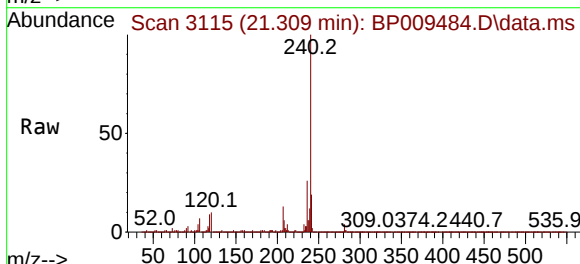
Instrument :
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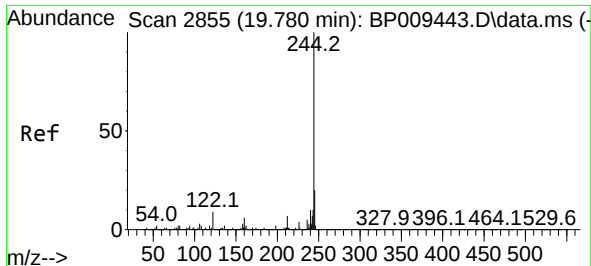
Tgt Ion:188 Resp: 2069647
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 10.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009484.D
Acq: 22 Mar 2022 12:53

Tgt Ion:240 Resp: 1690941
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.2 20.6 30.8

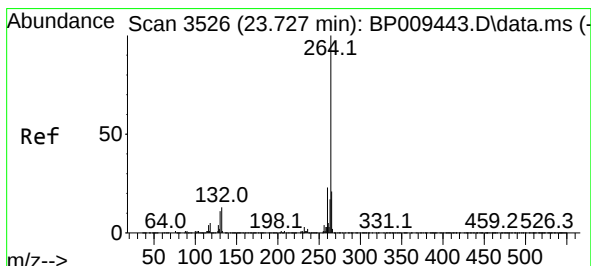
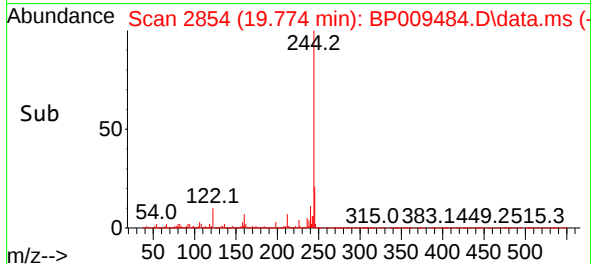
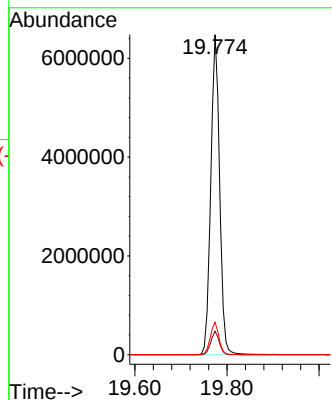
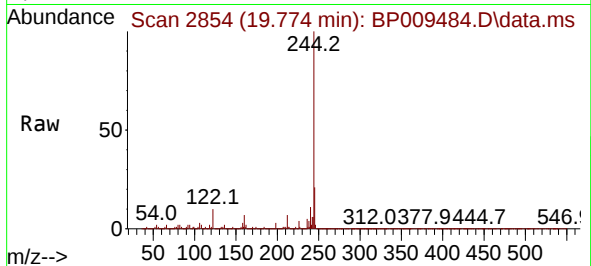




#79
 Terphenyl-d14
 Concen: 91.988 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009484.D
 Acq: 22 Mar 2022 12:53

Instrument :
 BNA_P
 ClientSampleId :
 PB143306TB

Tgt Ion:244 Resp: 8666018
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.709 min Scan# 3523
 Delta R.T. -0.018 min
 Lab File: BP009484.D
 Acq: 22 Mar 2022 12:53

Tgt Ion:264 Resp: 1574867
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 22.7 17.2 25.8

