

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009584.D
 Acq On : 29 Mar 2022 01:38
 Operator : CG/JU
 Sample : N2142-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CW-1

Quant Time: Mar 29 03:15:18 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)

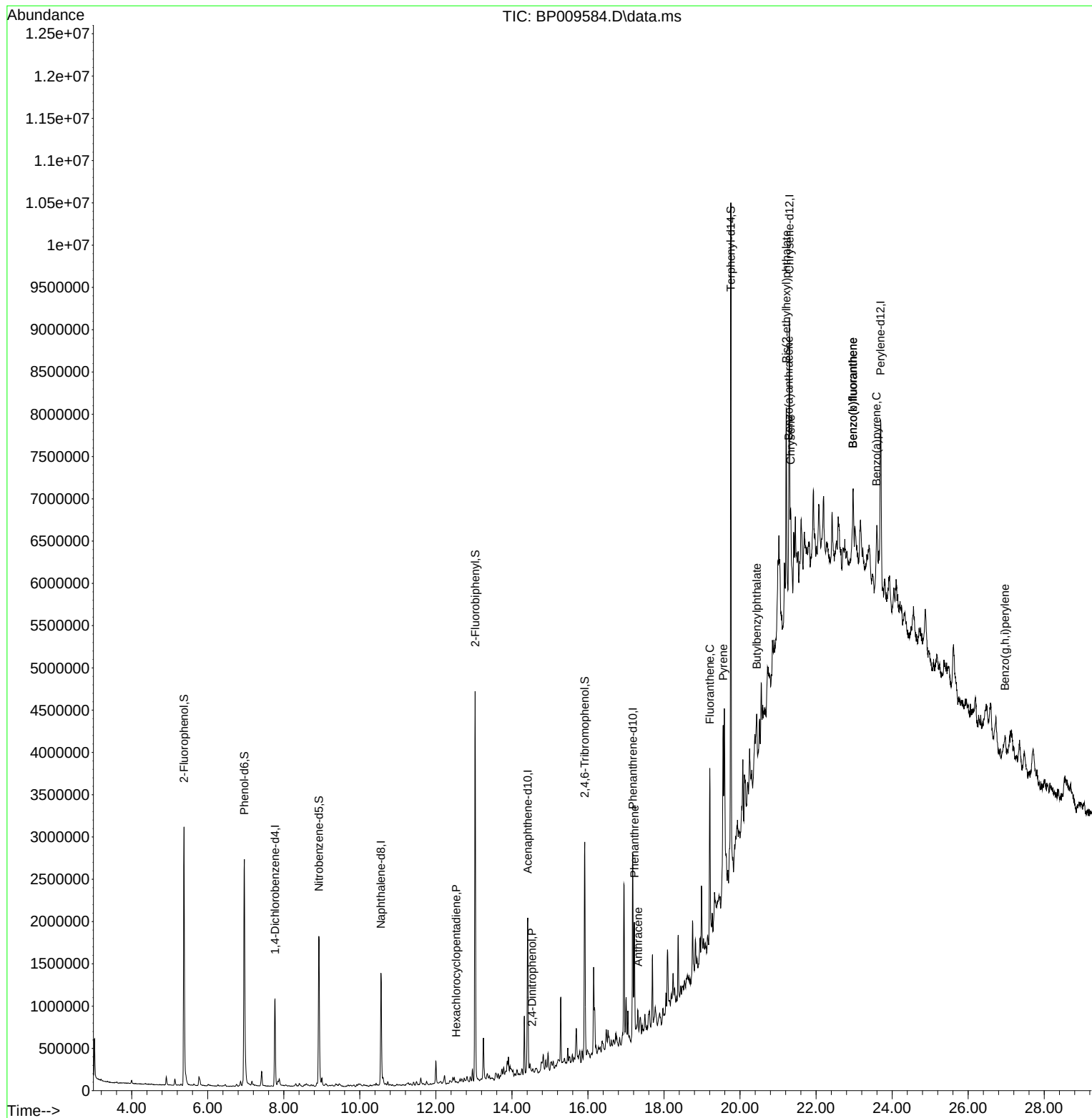
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	318981	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1160534	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	699103	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1465068	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1475992	20.000	ng	0.00
86) Perylene-d12	23.698	264	1642123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1607449	87.983	ng	0.00
7) Phenol-d6	6.963	99	1997941	80.864	ng	0.00
23) Nitrobenzene-d5	8.922	82	1251552	57.308	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	568201	49.253	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	2651819	52.584	ng	0.00
79) Terphenyl-d14	19.757	244	4000856	48.653	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.922	77	9916	Below Cal	#	33
41) Hexachlorocyclopentadiene	12.534	237	48	7.293	ng	82
54) 2,4-Dinitrophenol	14.528	184	63	4.541	ng	# 1
71) Phenanthrene	17.222	178	917201	11.695	ng	99
72) Anthracene	17.316	178	204070	2.636	ng	97
75) Fluoranthene	19.204	202	1102491	11.612	ng	98
78) Pyrene	19.557	202	975758	10.032	ng	99
80) Butylbenzylphthalate	20.439	149	87210	2.110	ng	91
81) Benzo(a)anthracene	21.280	228	424924	4.382	ng	# 93
83) Chrysene	21.333	228	434376	4.731	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.216	149	962843	16.710	ng	98
88) Benzo(b)fluoranthene	22.968	252	485896	4.957	ng	# 59
89) Benzo(k)fluoranthene	22.968	252	485896	5.062	ng	# 58
90) Benzo(a)pyrene	23.592	252	304992	3.636	ng	# 57
92) Benzo(g,h,i)perylene	26.968	276	226685	2.219	ng	# 88

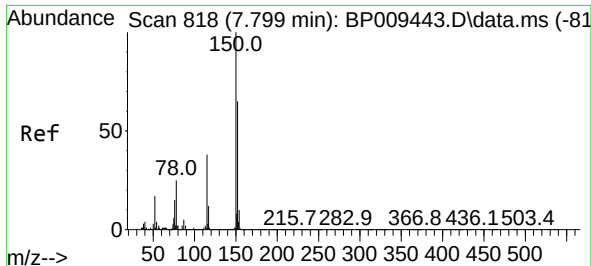
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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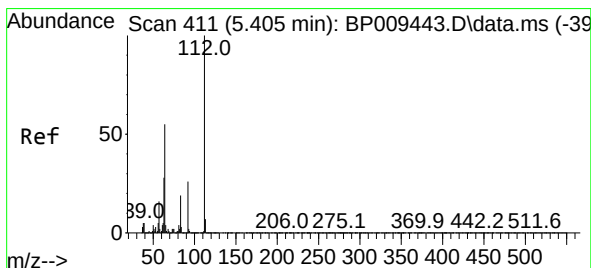
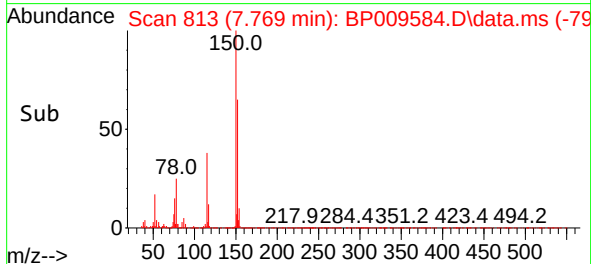
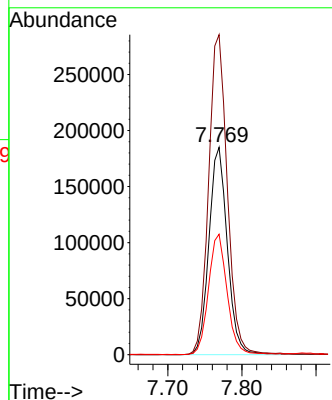
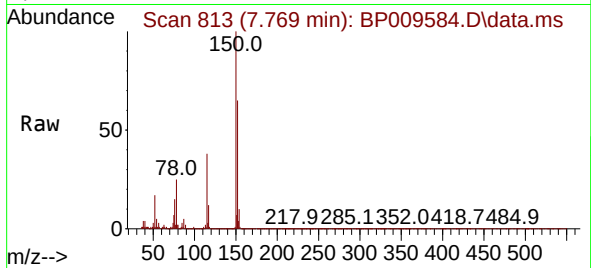




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

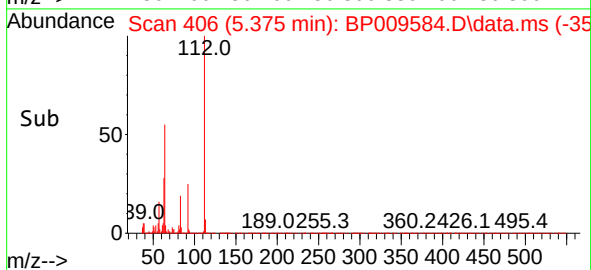
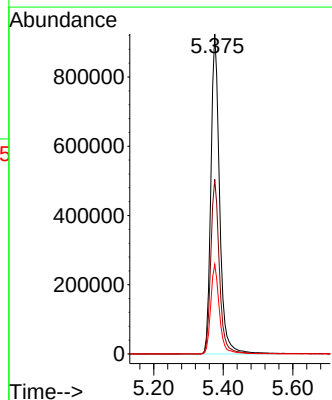
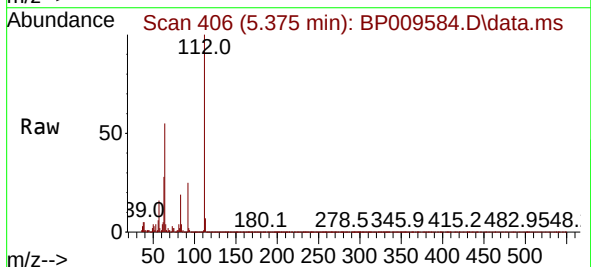
Instrument :
BNA_P
ClientSampleId :
CW-1

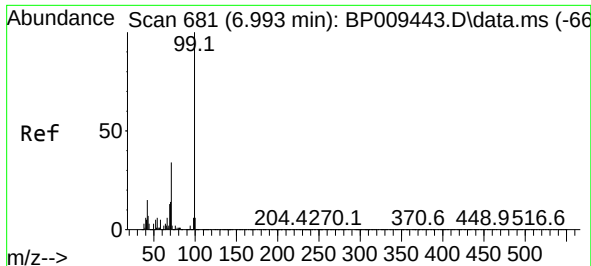
Tgt Ion:152 Resp: 318981
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 58.1 48.2 72.4



#5
2-Fluorophenol
Concen: 87.983 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

Tgt Ion:112 Resp: 1607449
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 28.0 23.0 34.6



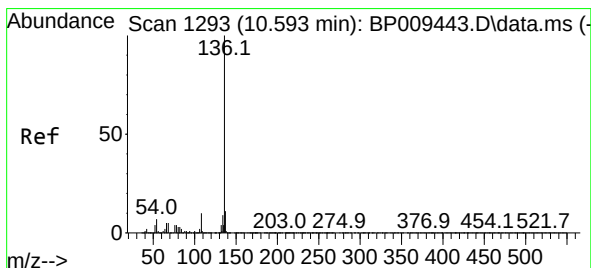
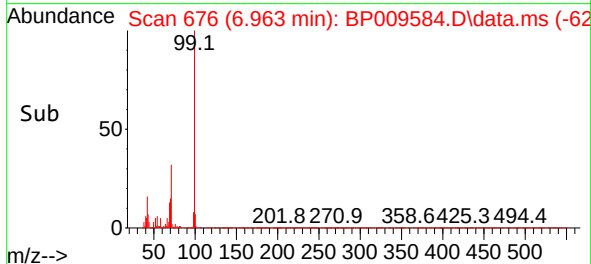
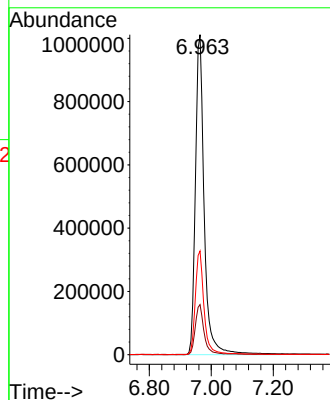
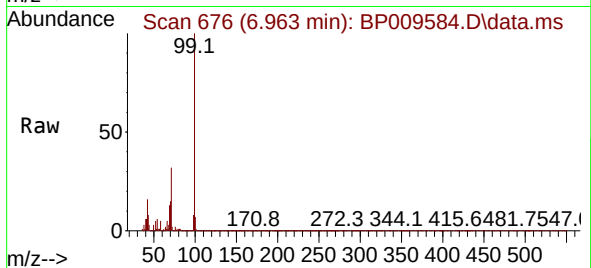


#7
Phenol-d6
Concen: 80.864 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

Instrument :
BNA_P
ClientSampleId :
CW-1

Tgt Ion: 99 Resp: 1997941

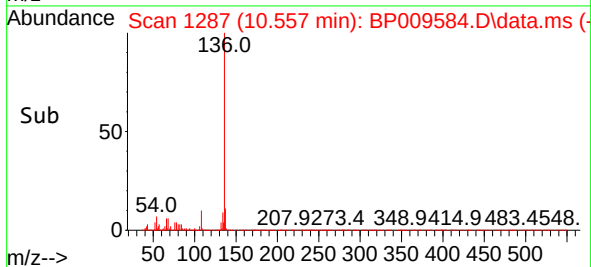
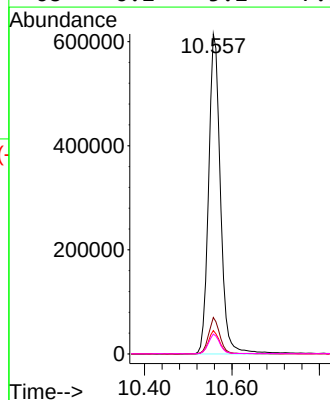
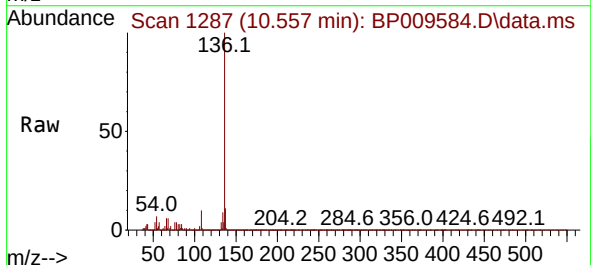
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	32.4	26.3	39.5

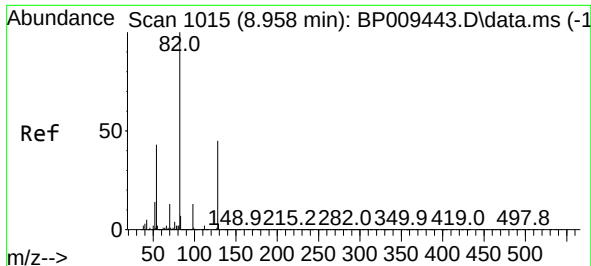


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

Tgt Ion: 136 Resp: 1160534

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.3	5.8	8.8
68	6.2	5.2	7.8

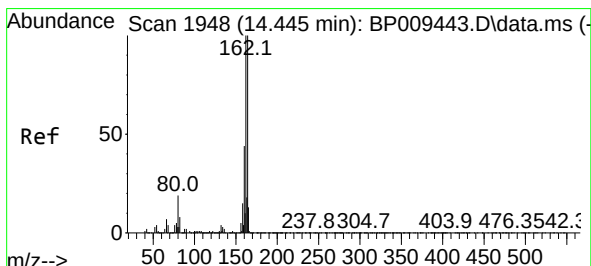
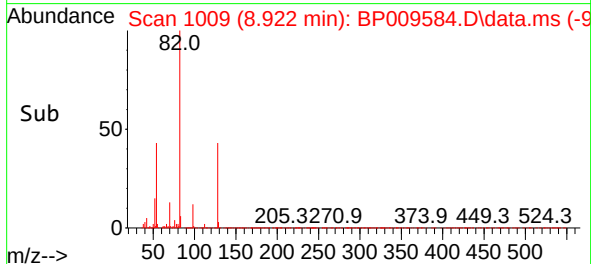
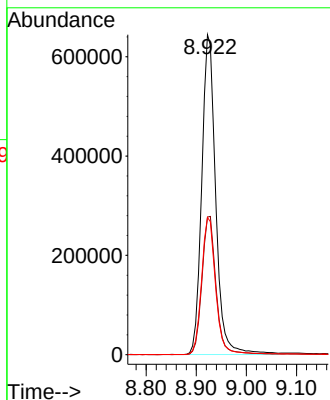
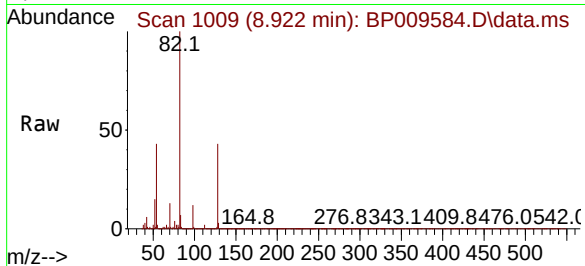




#23
Nitrobenzene-d5
Concen: 57.308 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

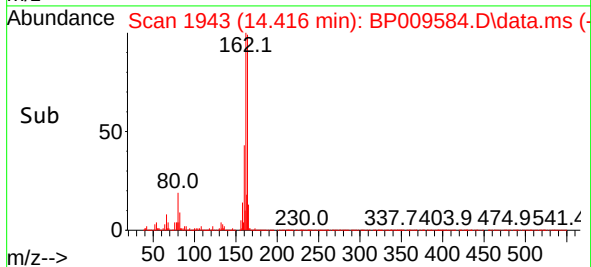
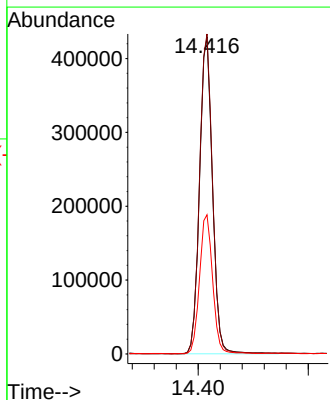
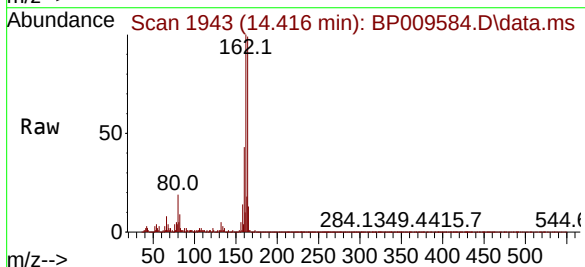
Instrument :
BNA_P
ClientSampleId :
CW-1

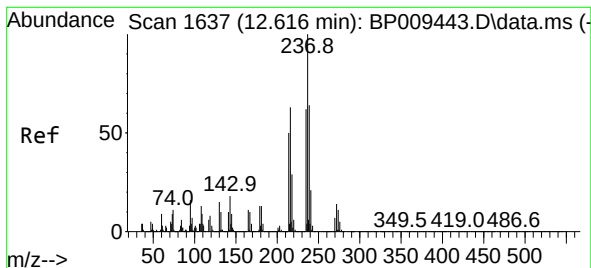
Tgt Ion: 82 Resp: 1251552
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 42.9 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

Tgt Ion:164 Resp: 699103
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 43.9 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.293 ng

RT: 12.534 min Scan# 1

Delta R.T. -0.053 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Instrument :

BNA_P

ClientSampleId :

CW-1

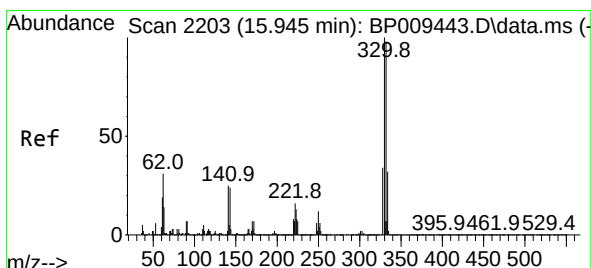
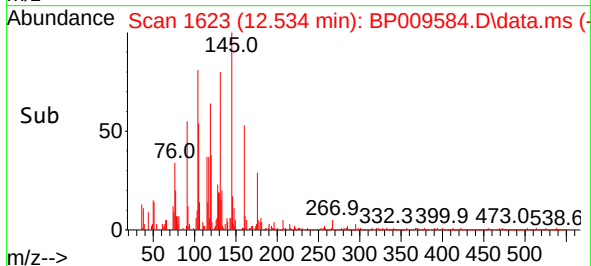
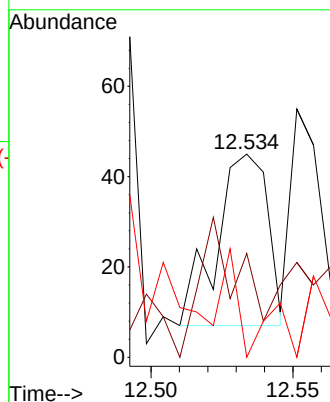
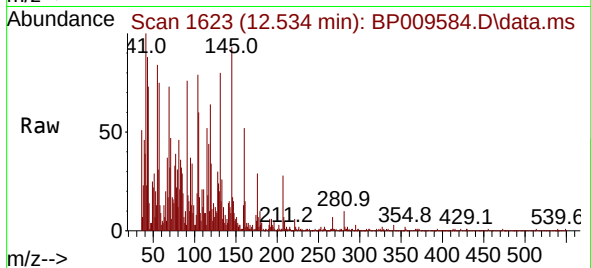
Tgt Ion:237 Resp: 48

Ion Ratio Lower Upper

237 100

235 51.1 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 49.253 ng

RT: 15.916 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

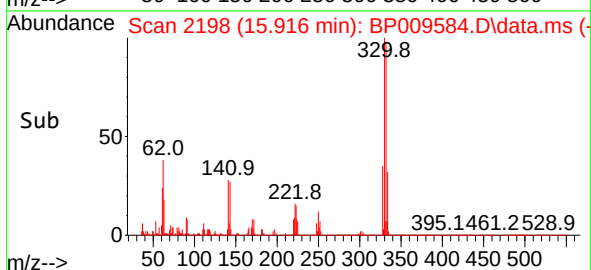
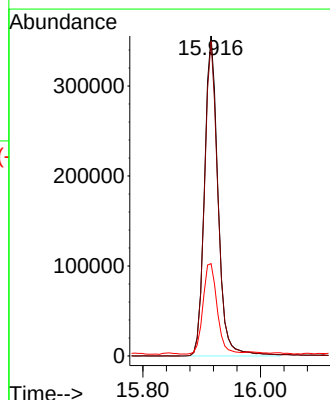
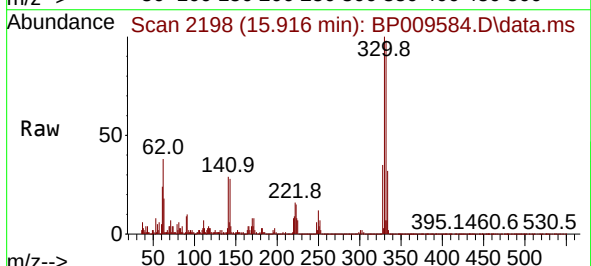
Tgt Ion:330 Resp: 568201

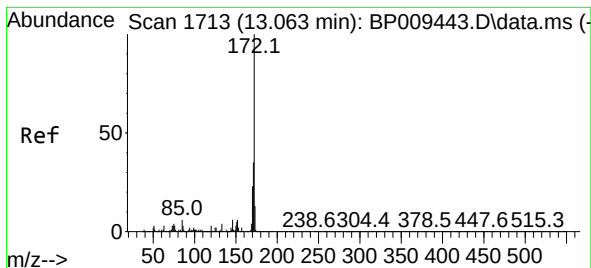
Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

141 29.5 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 52.584 ng

RT: 13.034 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Instrument :

BNA_P

ClientSampleId :

CW-1

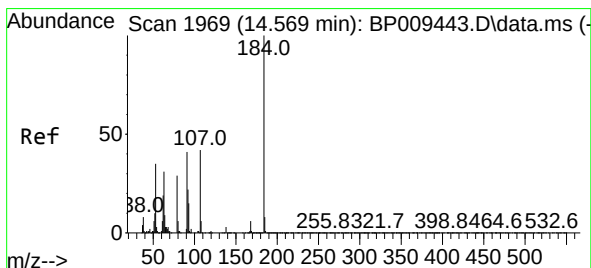
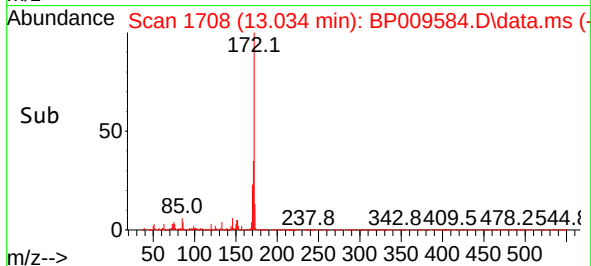
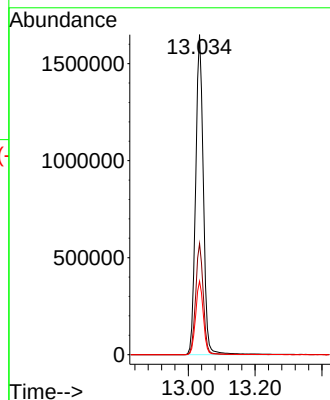
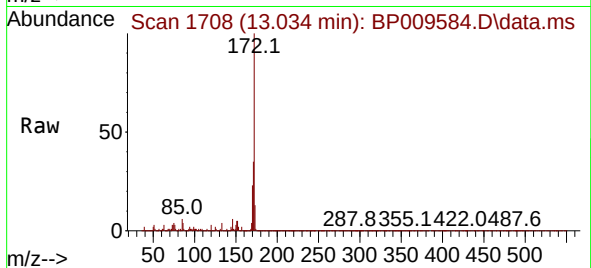
Tgt Ion:172 Resp: 2651819

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 22.9 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.541 ng

RT: 14.528 min Scan# 1962

Delta R.T. -0.024 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

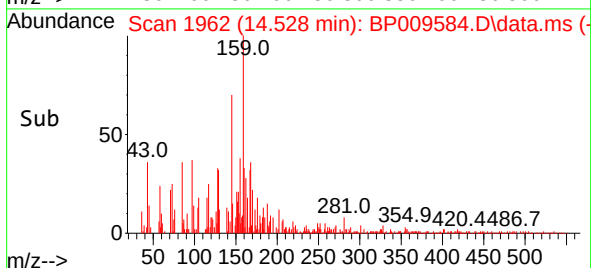
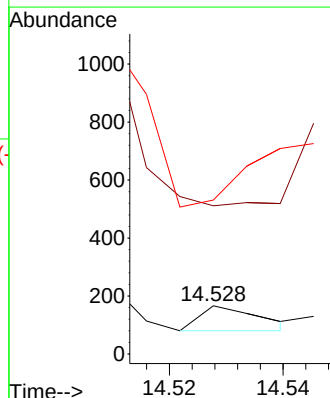
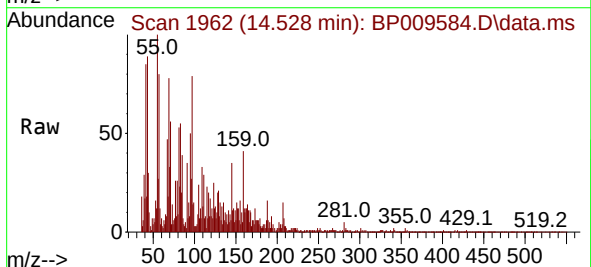
Tgt Ion:184 Resp: 63

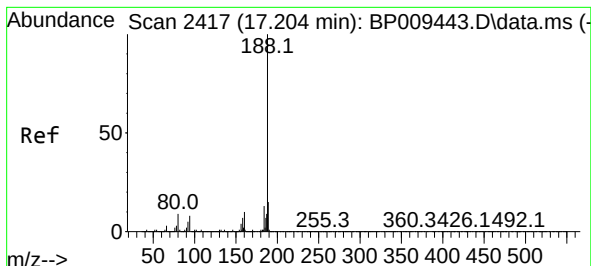
Ion Ratio Lower Upper

184 100

63 307.8 46.3 69.5#

154 319.9 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Instrument :

BNA_P

ClientSampleId :

CW-1

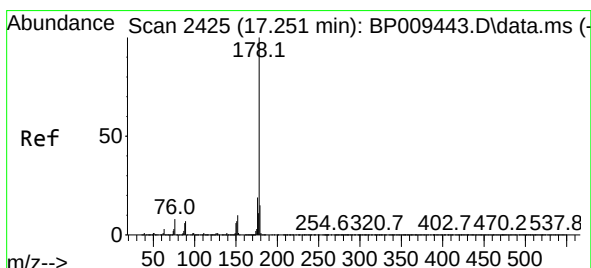
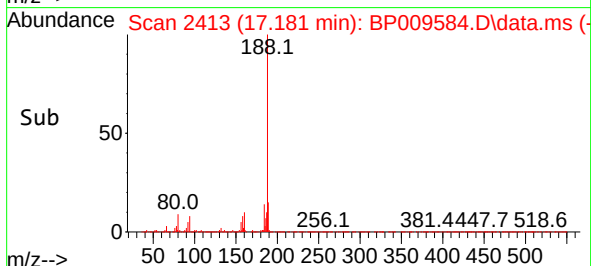
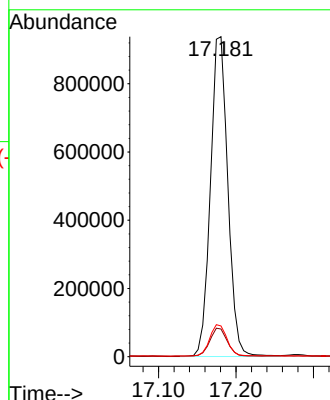
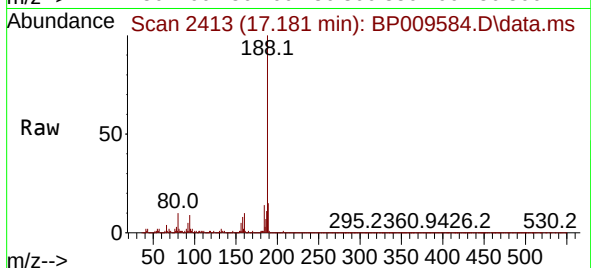
Tgt Ion:188 Resp: 1465068

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 9.6 8.8 13.2



#71

Phenanthrene

Concen: 11.695 ng

RT: 17.222 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

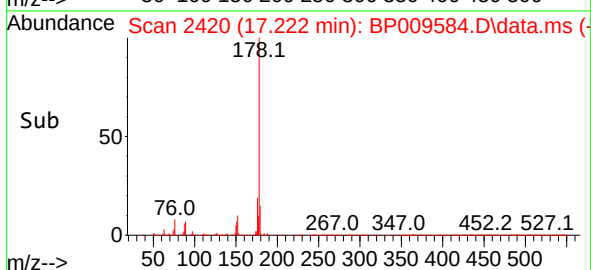
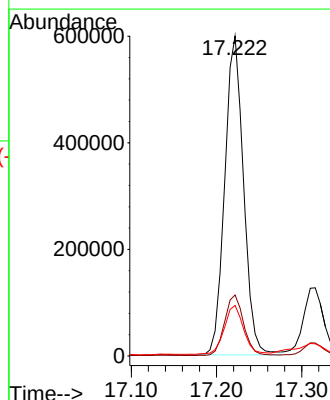
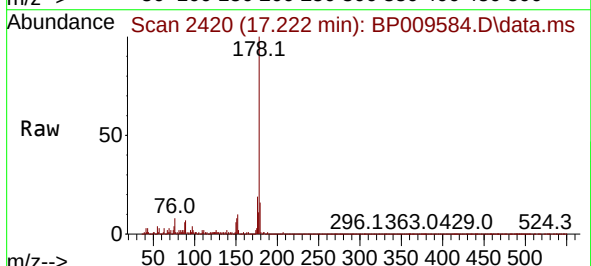
Tgt Ion:178 Resp: 917201

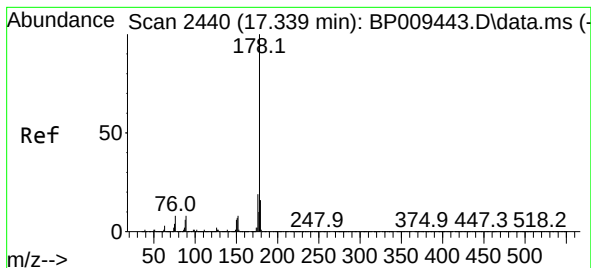
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.8 12.3 18.5





#72

Anthracene

Concen: 2.636 ng

RT: 17.316 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Instrument :

BNA_P

ClientSampleId :

CW-1

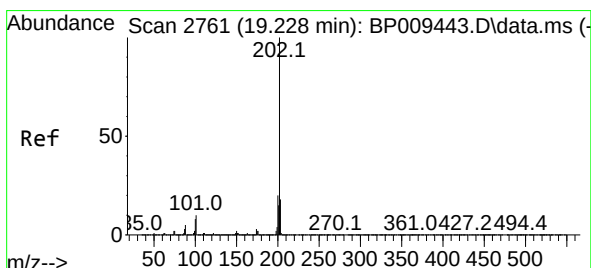
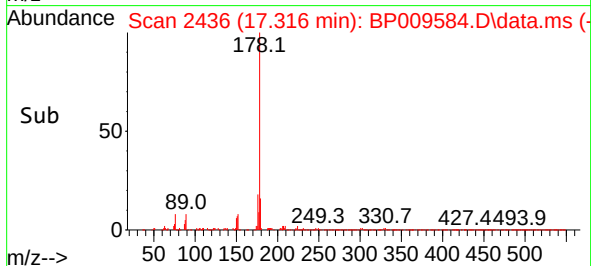
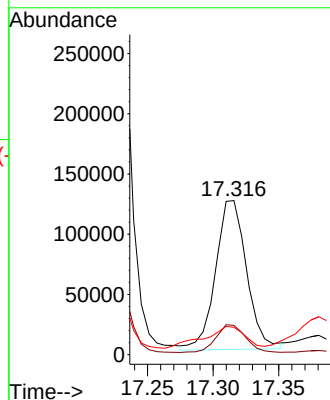
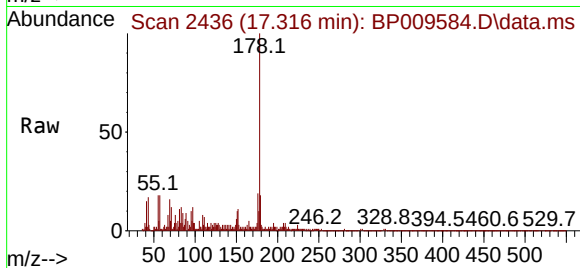
Tgt Ion:178 Resp: 204070

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 17.8 12.2 18.4



#75

Fluoranthene

Concen: 11.612 ng

RT: 19.204 min Scan# 2757

Delta R.T. -0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

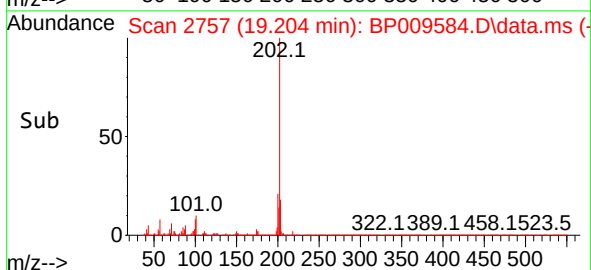
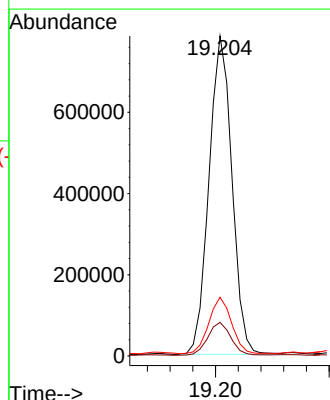
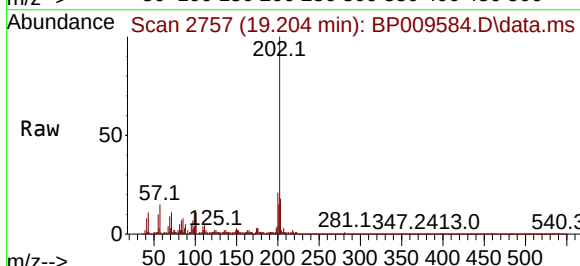
Tgt Ion:202 Resp: 1102491

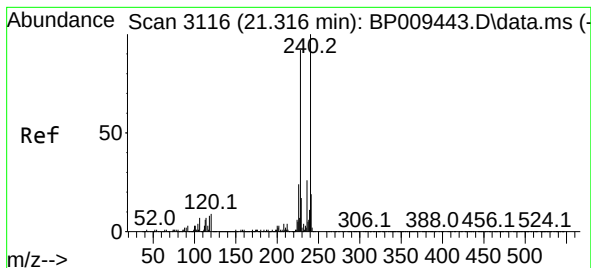
Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.5

203 18.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.298 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Instrument :

BNA_P

ClientSampleId :

CW-1

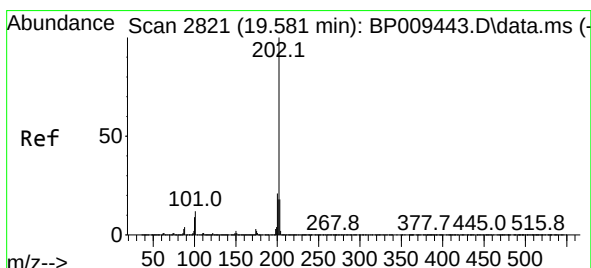
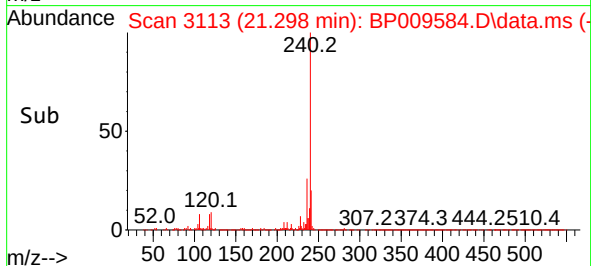
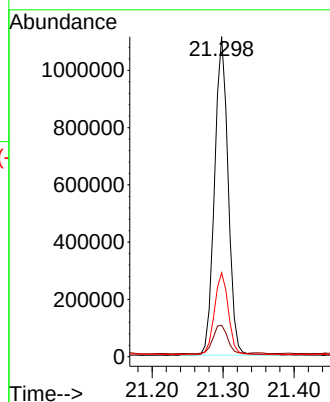
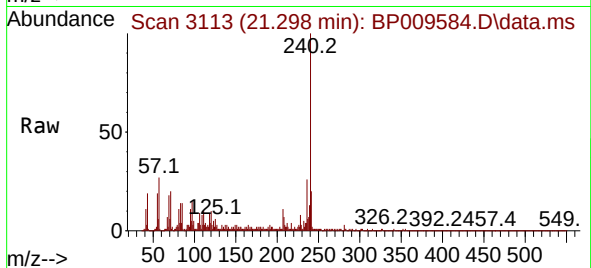
Tgt Ion:240 Resp: 1475992

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.4

236 26.2 20.6 30.8



#78

Pyrene

Concen: 10.032 ng

RT: 19.557 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

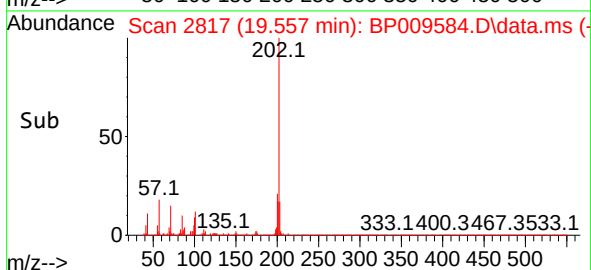
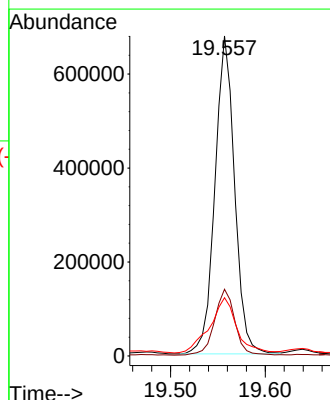
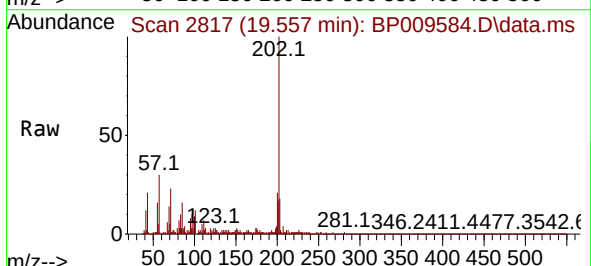
Tgt Ion:202 Resp: 975758

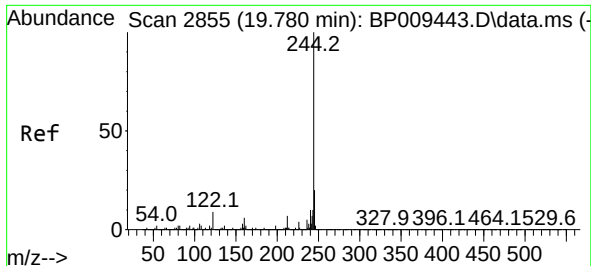
Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 18.2 14.2 21.4

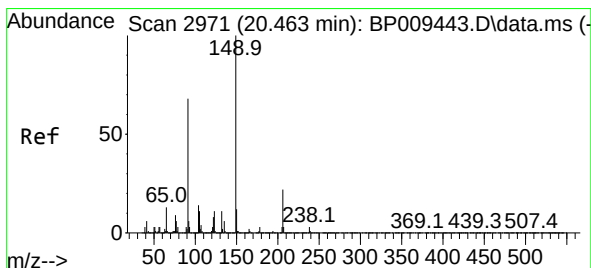
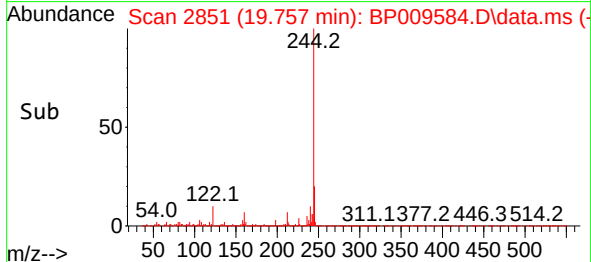
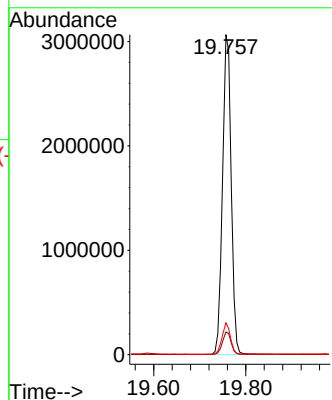
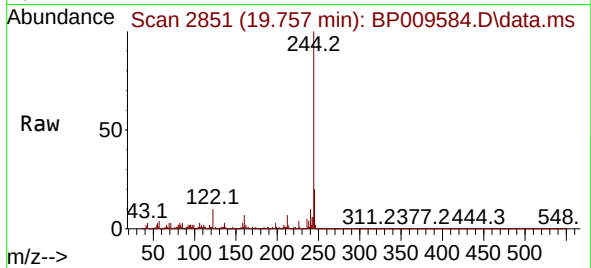




#79
 Terphenyl-d14
 Concen: 48.653 ng
 RT: 19.757 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BP009584.D
 Acq: 29 Mar 2022 01:38

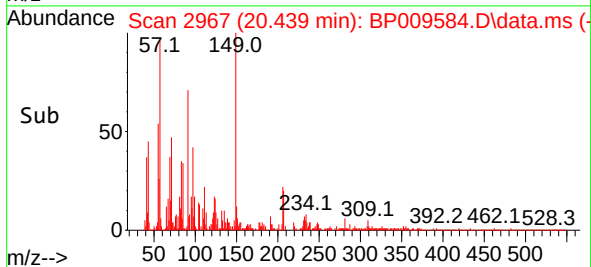
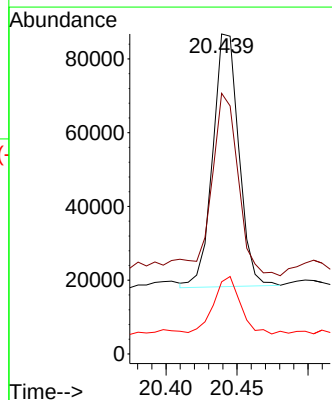
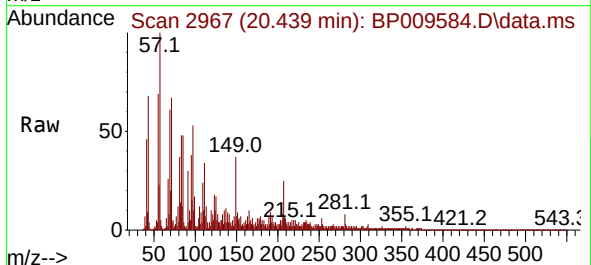
Instrument :
 BNA_P
 ClientSampleId :
 CW-1

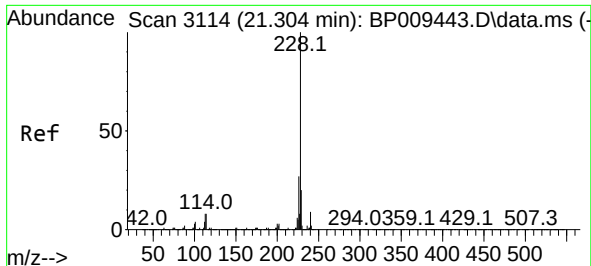
Tgt Ion:244 Resp: 4000856
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.0 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 2.110 ng
 RT: 20.439 min Scan# 2967
 Delta R.T. -0.006 min
 Lab File: BP009584.D
 Acq: 29 Mar 2022 01:38

Tgt Ion:149 Resp: 87210
 Ion Ratio Lower Upper
 149 100
 91 81.4 57.9 86.9
 206 22.6 16.9 25.3

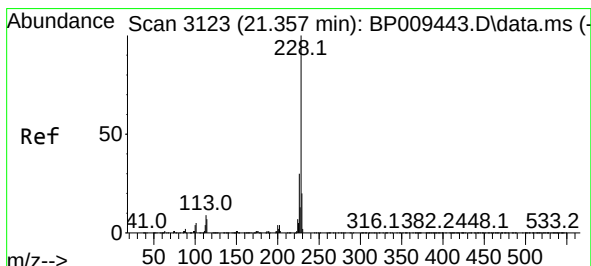
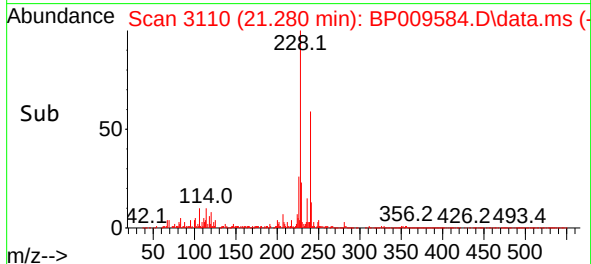
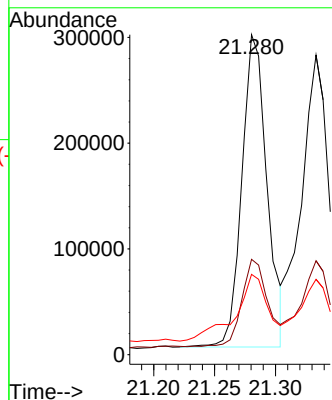
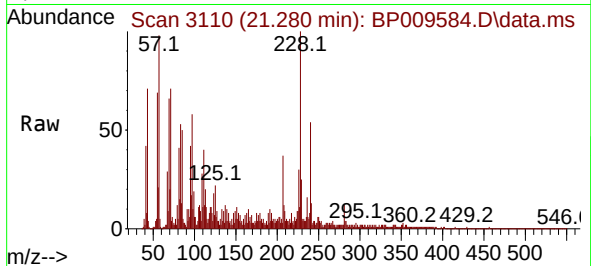




#81
Benzo(a)anthracene
Concen: 4.382 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

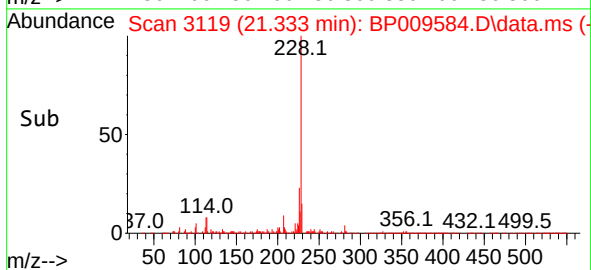
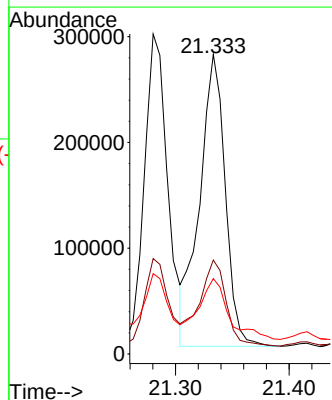
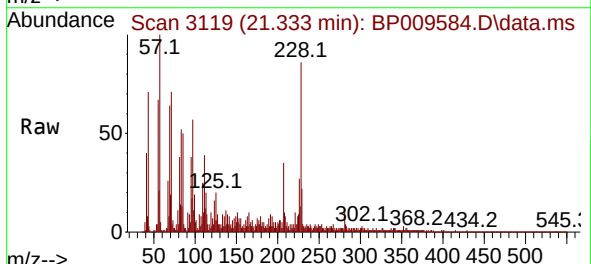
Instrument :
BNA_P
ClientSampleId :
CW-1

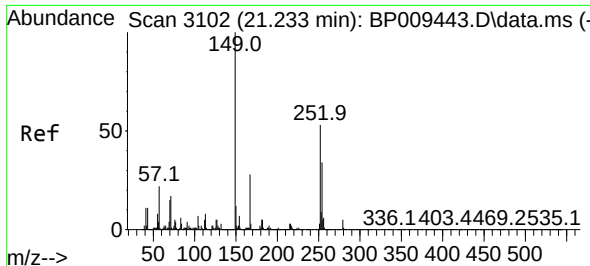
Tgt Ion:228 Resp: 424924
Ion Ratio Lower Upper
228 100
226 29.8 22.0 33.0
229 25.1 16.1 24.1#



#83
Chrysene
Concen: 4.731 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

Tgt Ion:228 Resp: 434376
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 25.1 16.1 24.1#

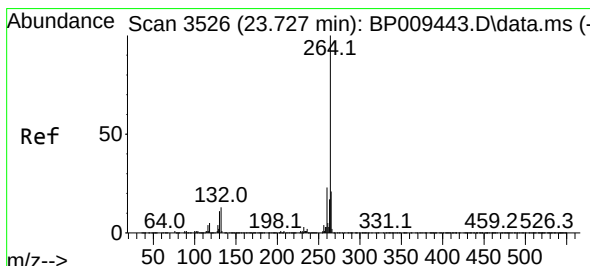
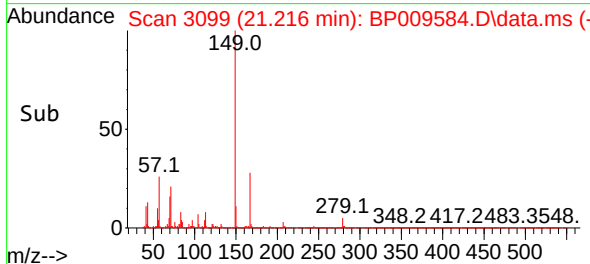
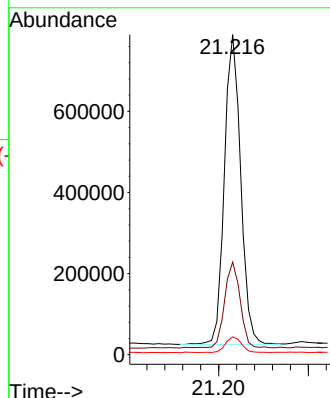
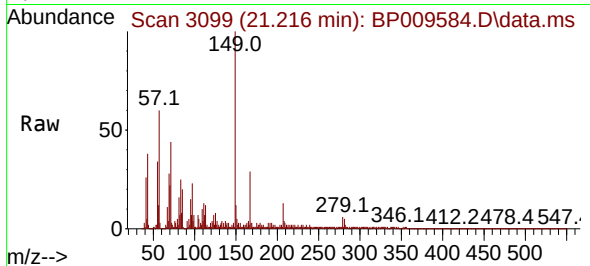




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 16.710 ng
 RT: 21.216 min Scan# 3099
 Delta R.T. -0.000 min
 Lab File: BP009584.D
 Acq: 29 Mar 2022 01:38

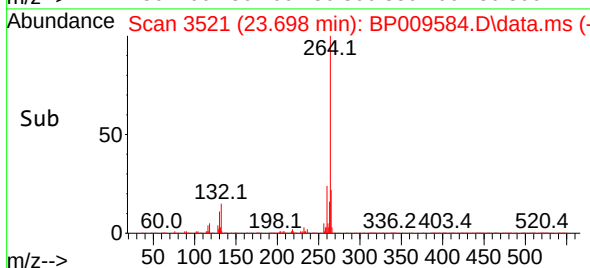
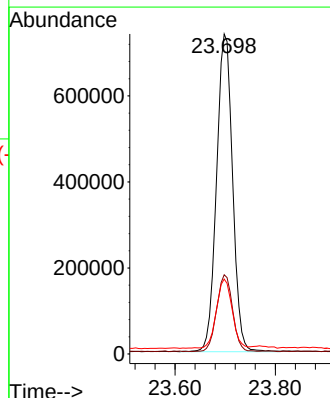
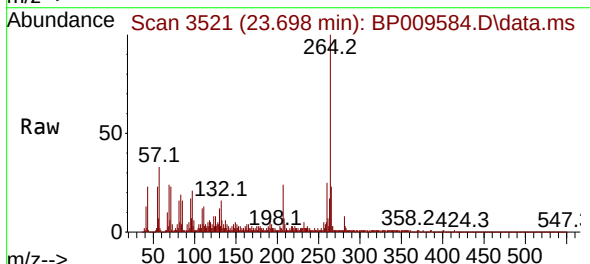
Instrument :
 BNA_P
 ClientSampleId :
 CW-1

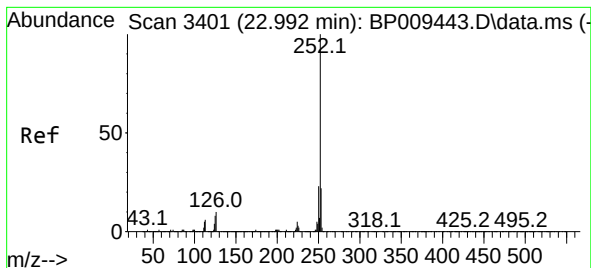
Tgt Ion:	149	Resp:	962843
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.6	33.8
279	5.5	3.8	5.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3521
 Delta R.T. 0.006 min
 Lab File: BP009584.D
 Acq: 29 Mar 2022 01:38

Tgt Ion:	264	Resp:	1642123
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.0
265	23.4	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 4.957 ng

RT: 22.968 min Scan# 3397

Delta R.T. 0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Instrument :

BNA_P

ClientSampleId :

CW-1

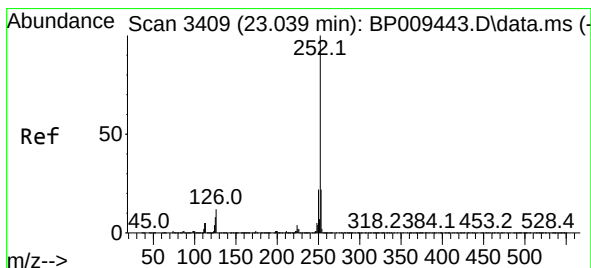
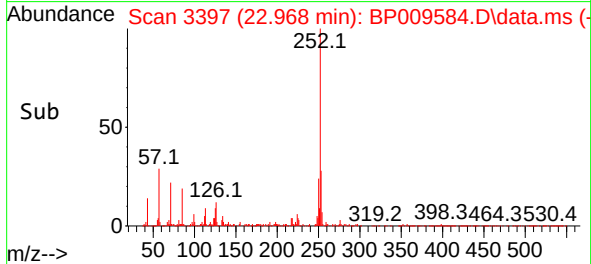
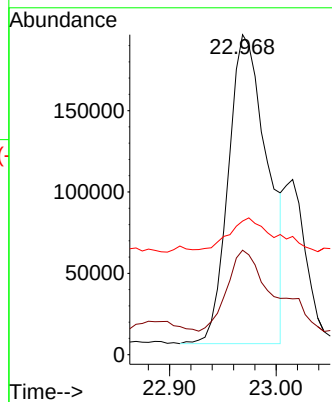
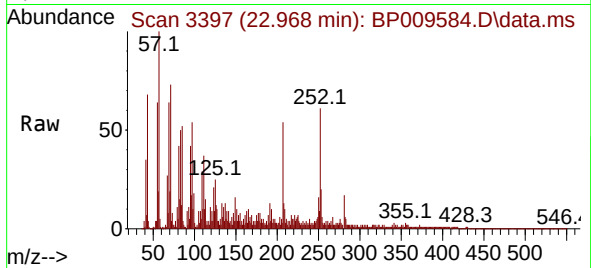
Tgt Ion:252 Resp: 485896

Ion Ratio Lower Upper

252 100

253 32.7 17.8 26.8#

125 41.7 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 5.062 ng

RT: 22.968 min Scan# 3397

Delta R.T. -0.041 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

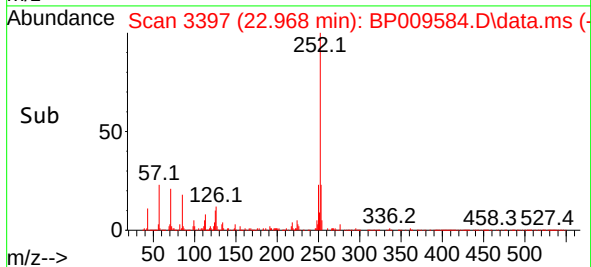
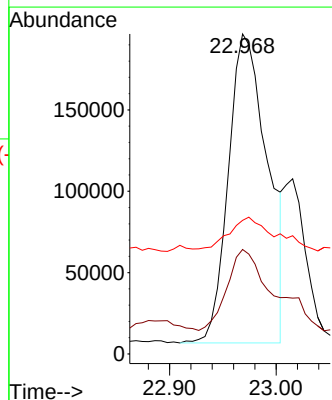
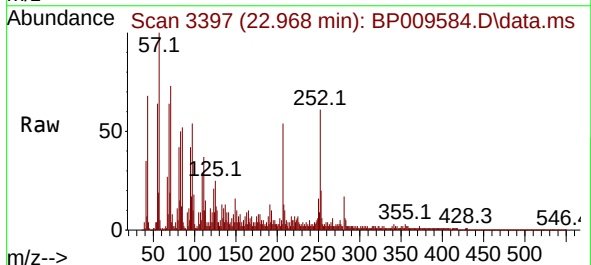
Tgt Ion:252 Resp: 485896

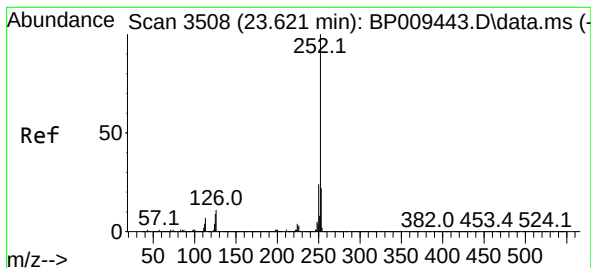
Ion Ratio Lower Upper

252 100

253 32.7 17.5 26.3#

125 41.7 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.636 ng

RT: 23.592 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Instrument :

BNA_P

ClientSampleId :

CW-1

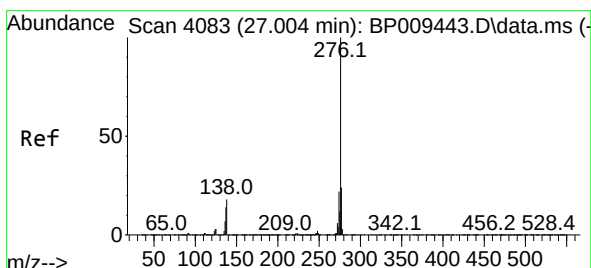
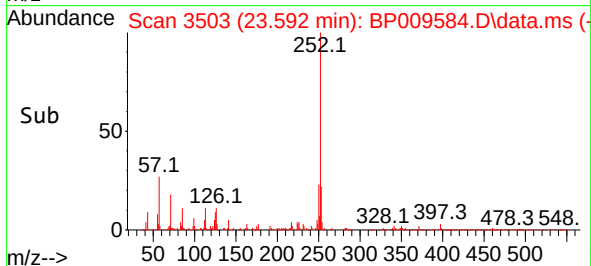
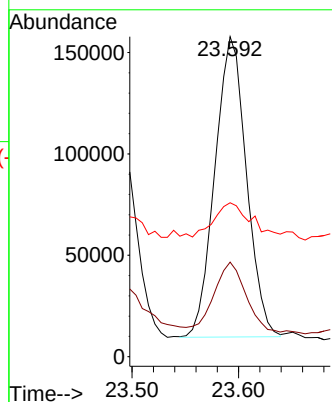
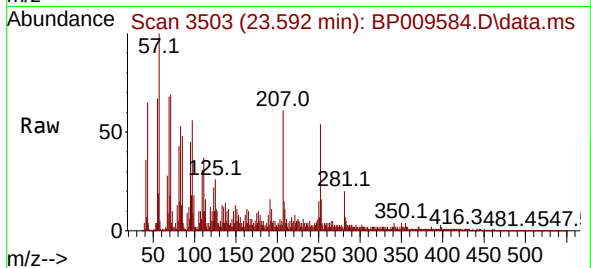
Tgt Ion:252 Resp: 304992

Ion Ratio Lower Upper

252 100

253 29.5 17.8 26.6#

125 48.1 9.3 13.9#



#92

Benzo(g,h,i)perylene

Concen: 2.219 ng

RT: 26.968 min Scan# 4077

Delta R.T. 0.018 min

Lab File: BP009584.D

Acq: 29 Mar 2022 01:38

Tgt Ion:276 Resp: 226685

Ion Ratio Lower Upper

276 100

277 31.3 19.2 28.8#

138 26.8 18.0 27.0

