

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)

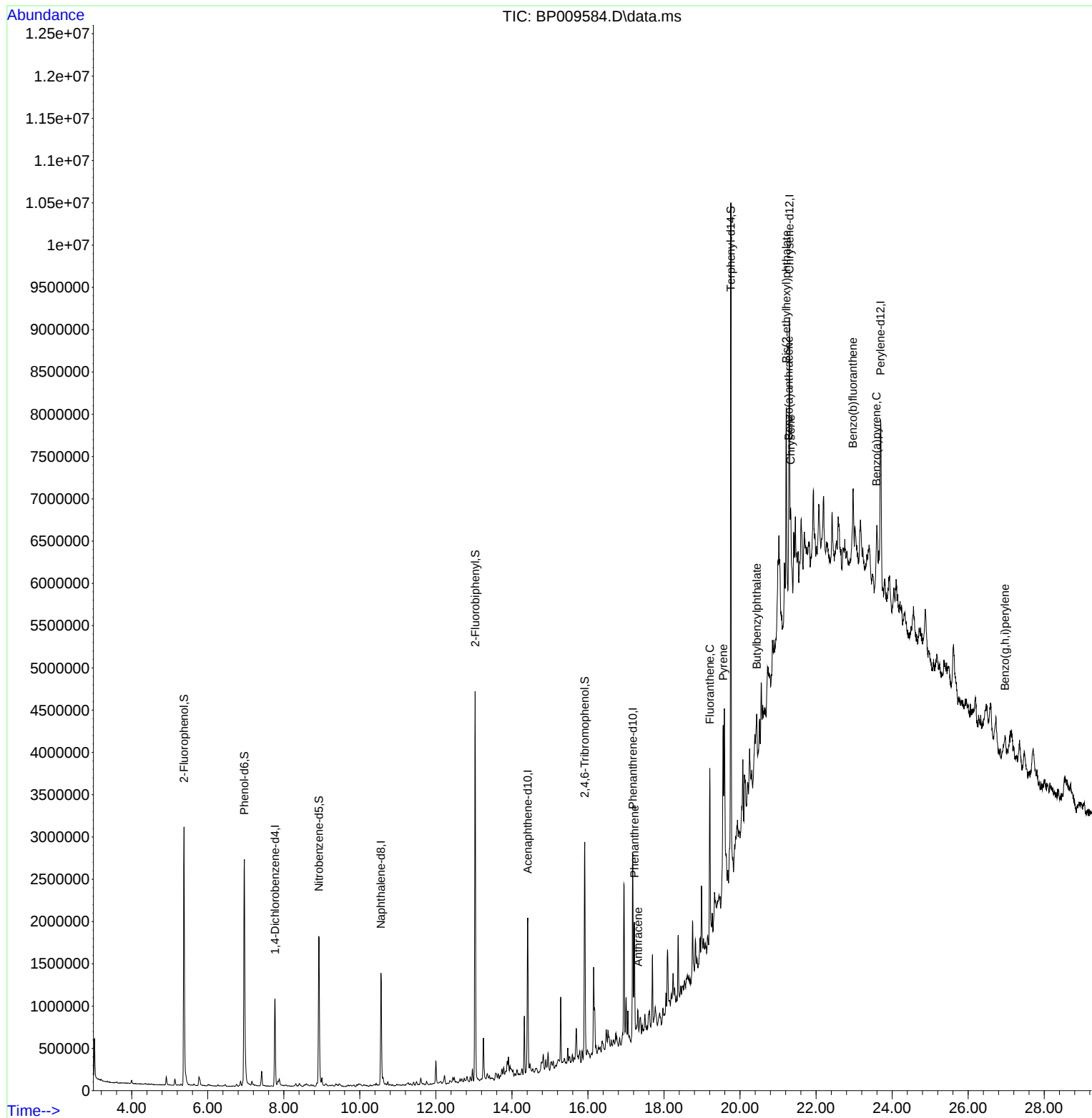
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	318981	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1160534	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	699103	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1465068	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1475992	20.000	ng	0.00
86) Perylene-d12	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
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
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

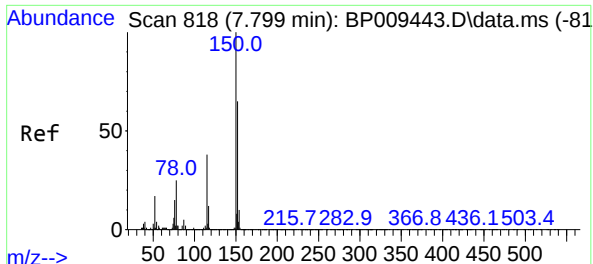
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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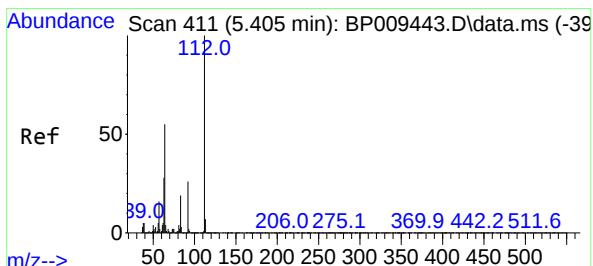
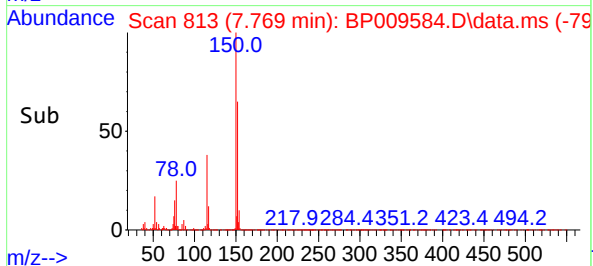
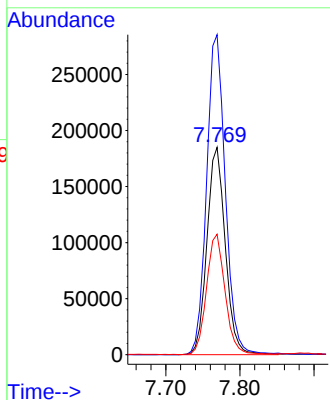
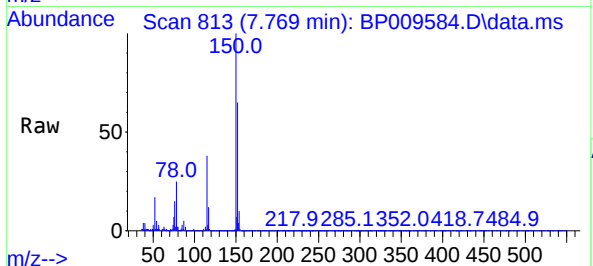




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

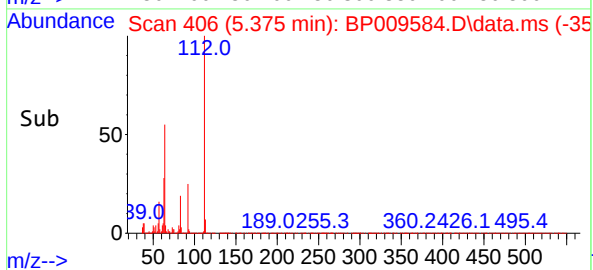
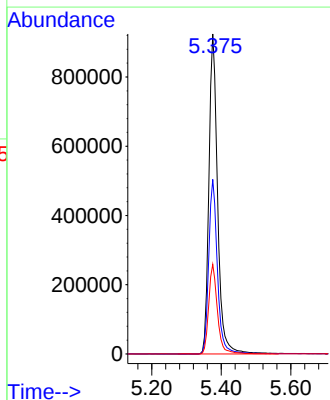
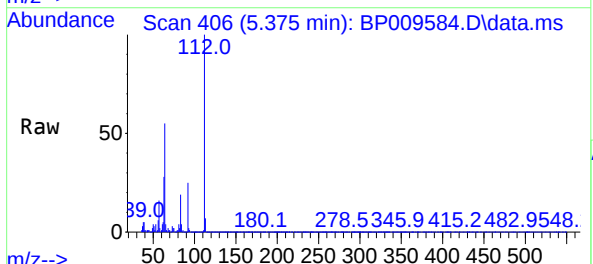
Instrument :
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CW-1

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

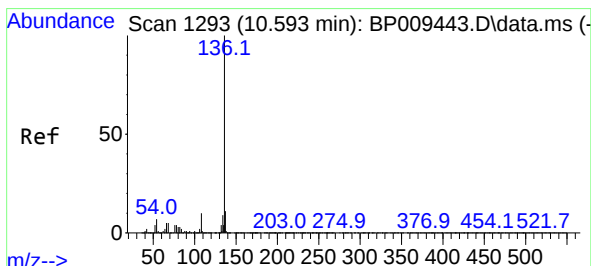
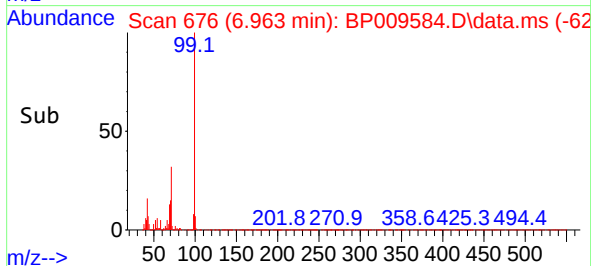
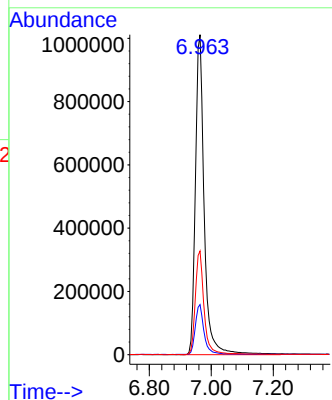
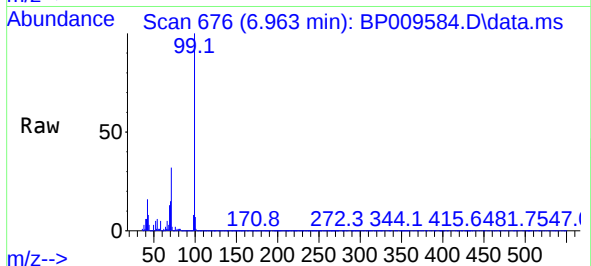




#7
Phenol-d6
Concen: 80.864 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

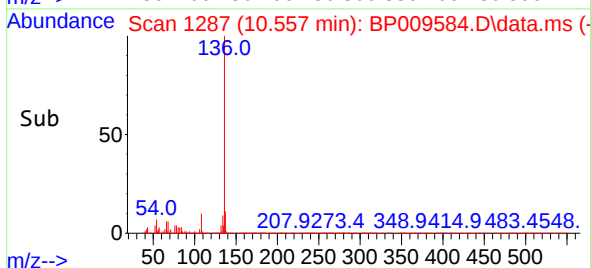
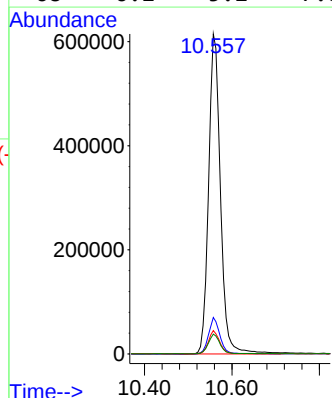
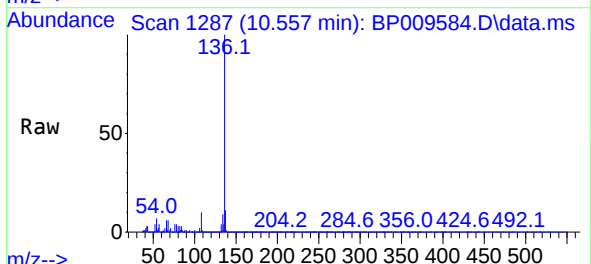
Instrument :
BNA_P
ClientSampleId :
CW-1

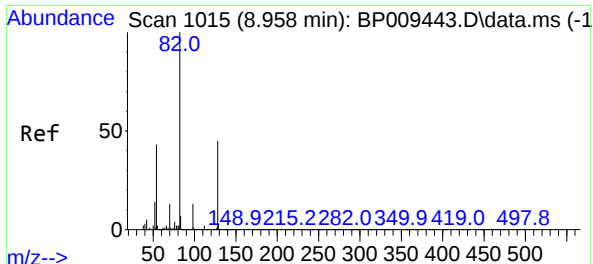
Tgt Ion: 99 Resp: 1997941
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.4 26.3 39.5



#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 :

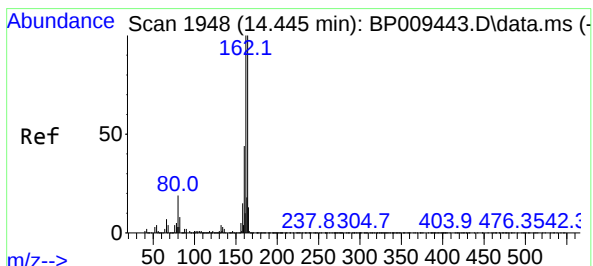
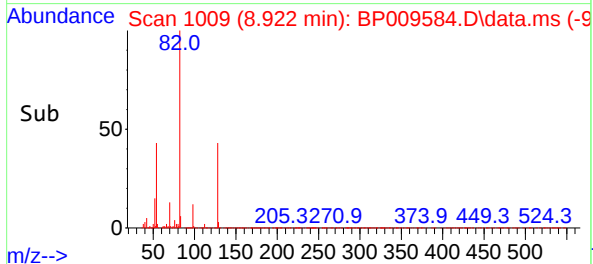
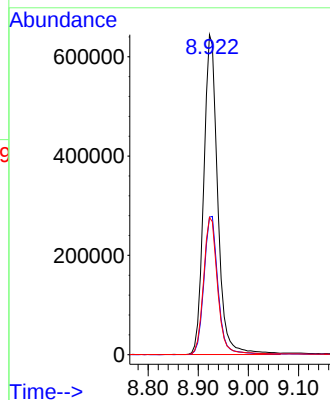
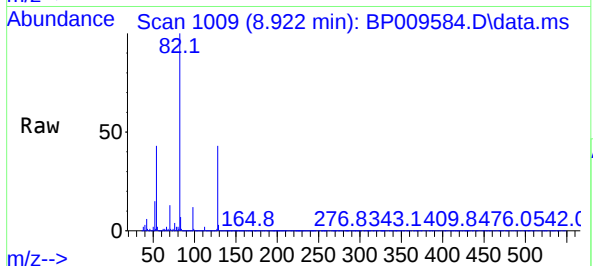
BNA_P

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

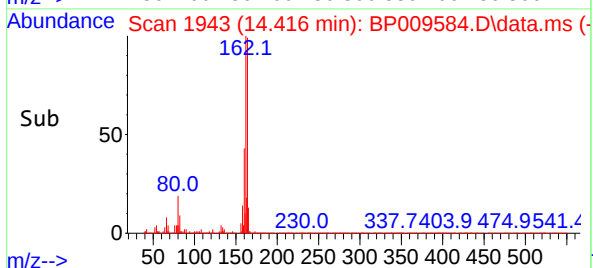
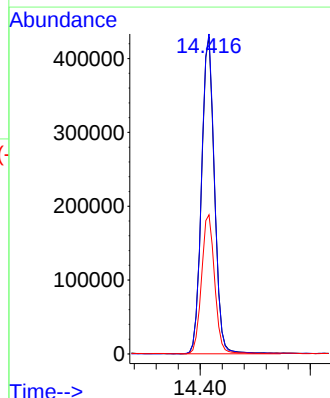
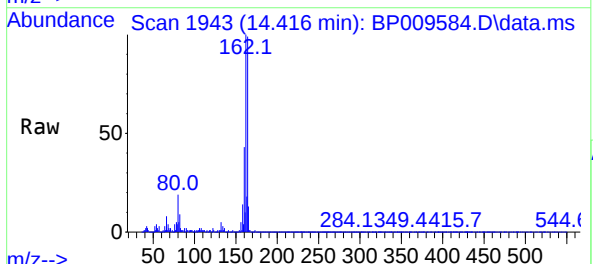
Delta R.T. -0.006 min

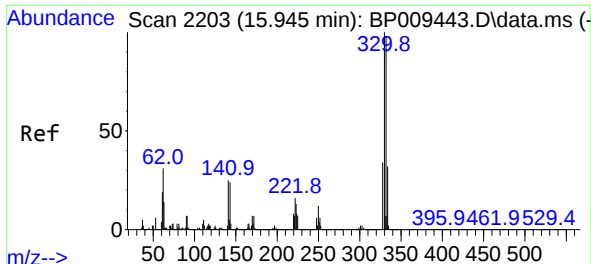
Lab File: BP009584.D

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

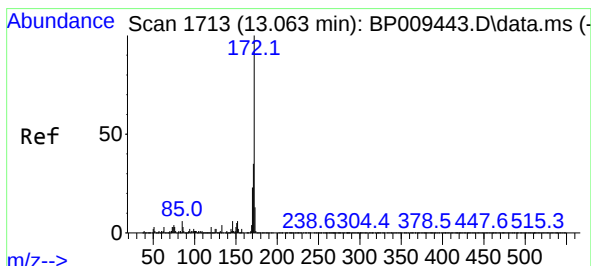
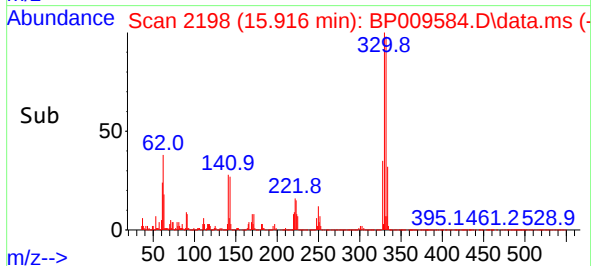
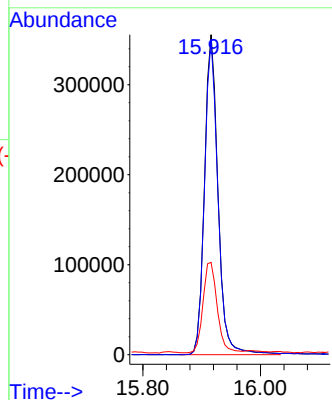
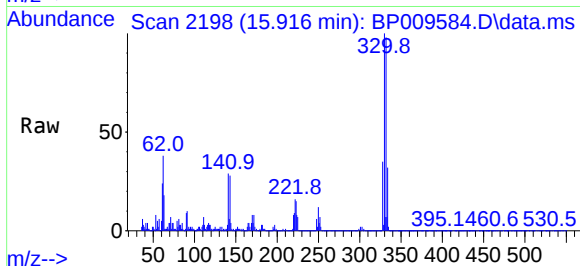




#42
2,4,6-Tribromophenol
Concen: 49.253 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

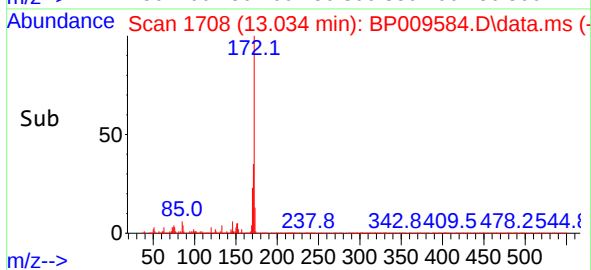
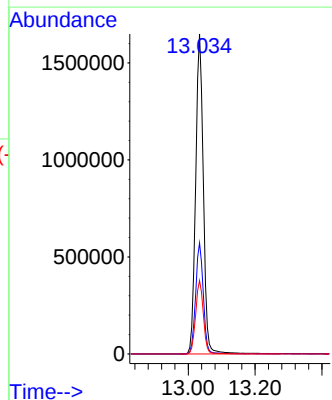
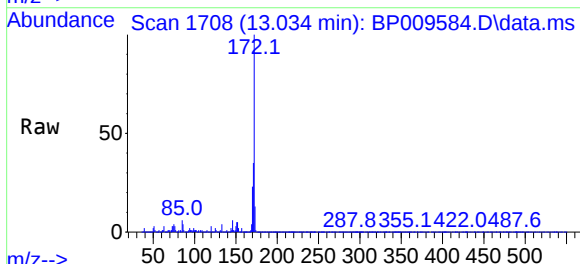
Instrument :
BNA_P
ClientSampleId :
CW-1

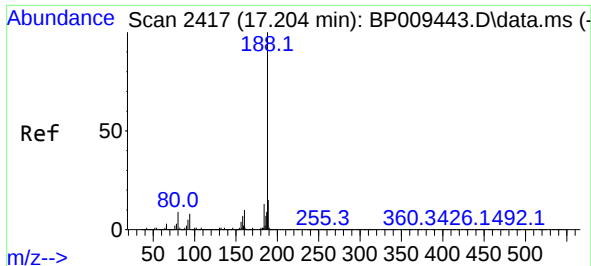
Tgt Ion:330 Resp: 568201
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 29.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 52.584 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

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

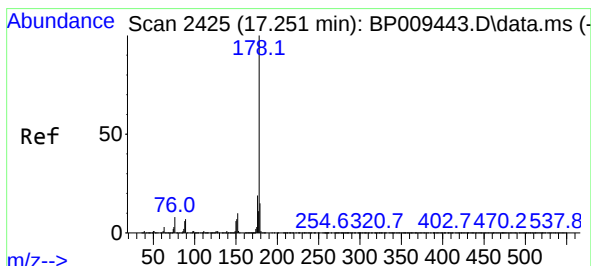
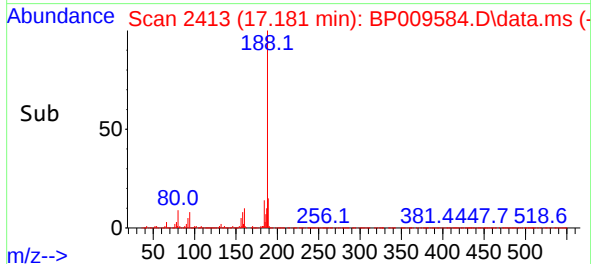
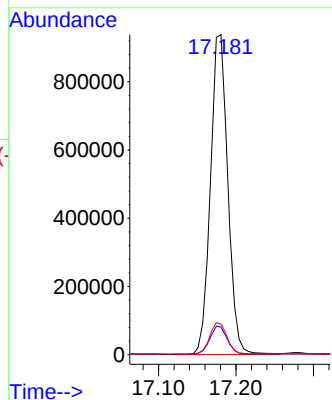
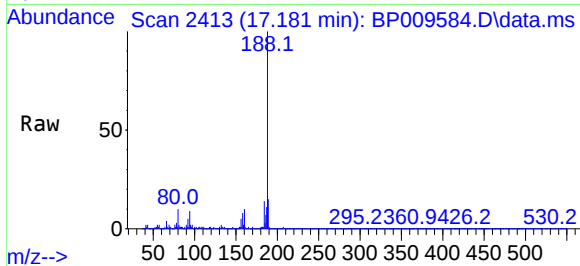




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

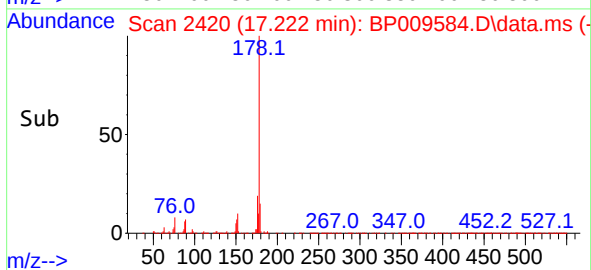
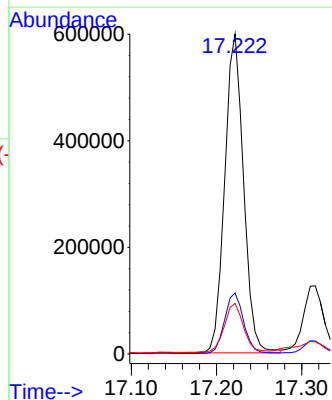
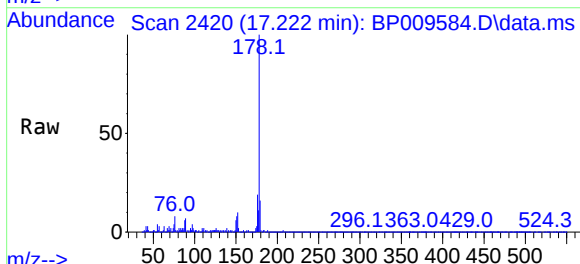
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BNA_P
ClientSampleId :
CW-1

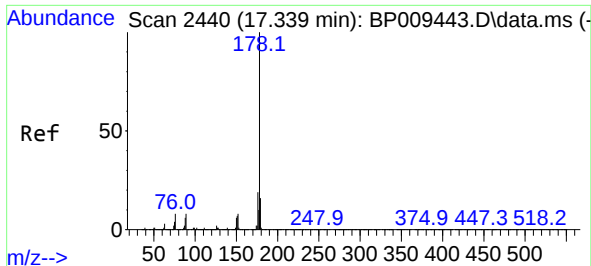
Tgt Ion:188 Resp: 1465068
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.6 8.8 13.2



#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

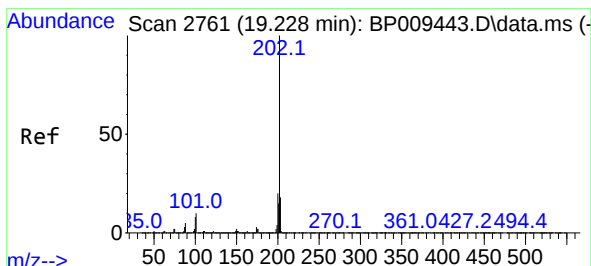
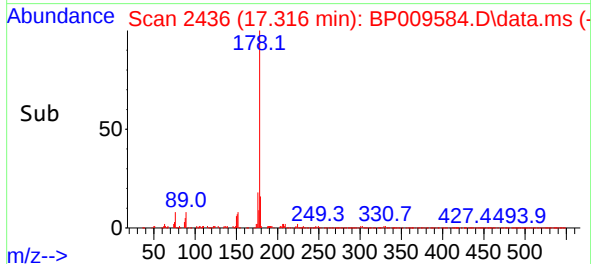
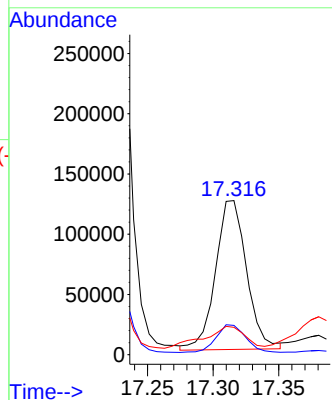
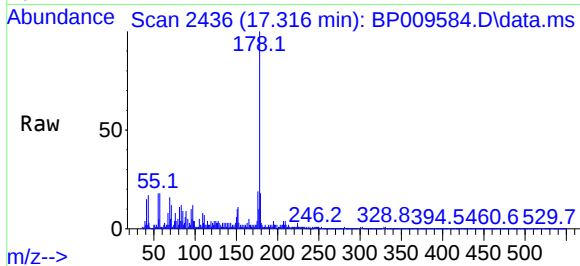




#72
 Anthracene
 Concen: 2.636 ng
 RT: 17.316 min Scan# 2440
 Delta R.T. -0.000 min
 Lab File: BP009584.D
 Acq: 29 Mar 2022 01:38

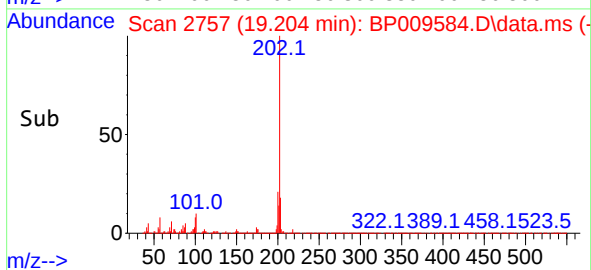
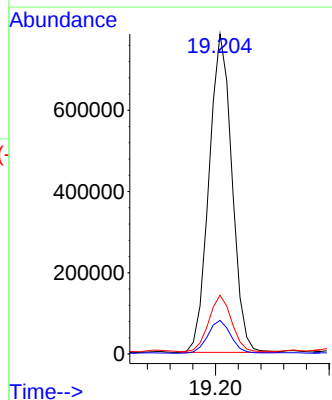
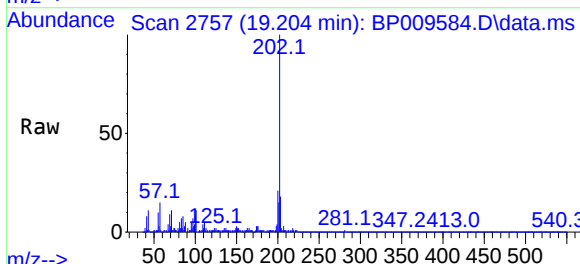
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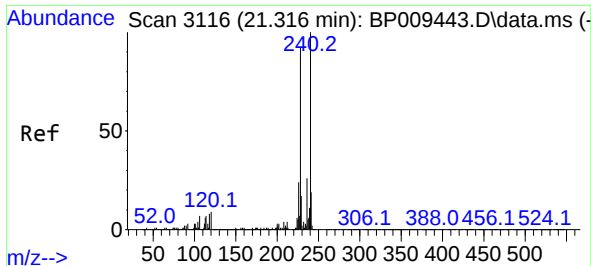
Tgt Ion:178 Resp: 204070
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.8 22.2
 179 17.8 12.2 18.4



#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

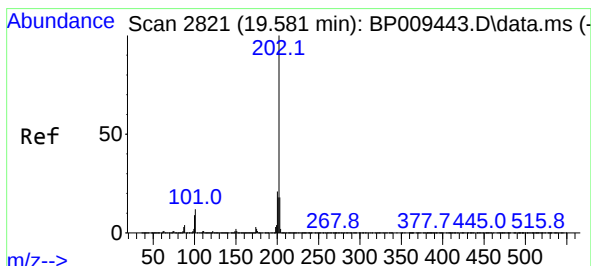
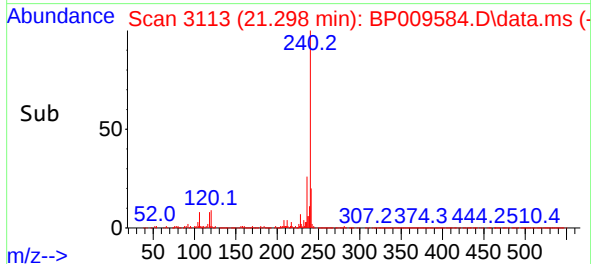
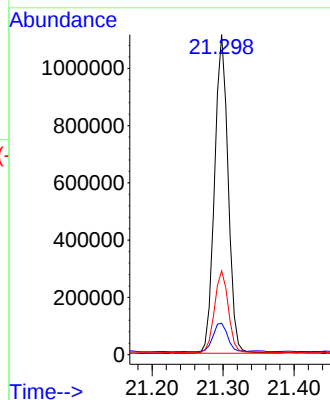
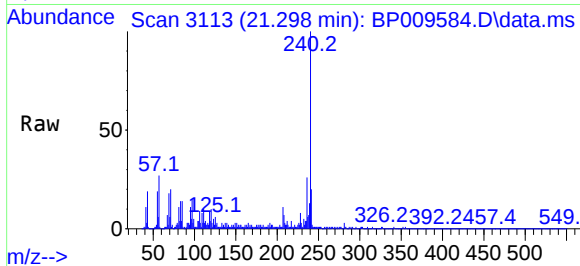




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

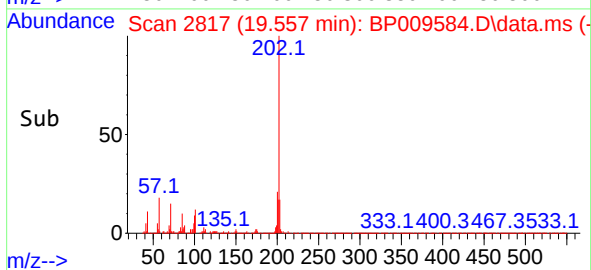
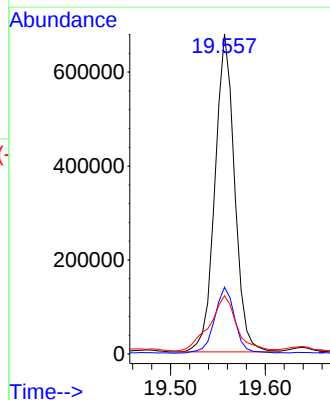
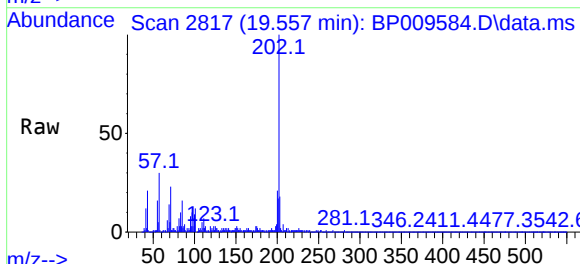
Instrument :
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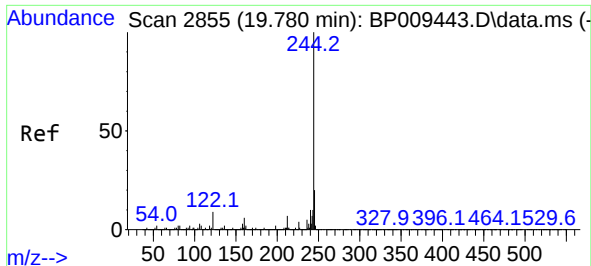
Tgt Ion:240 Resp: 1475992
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.2 20.6 30.8



#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

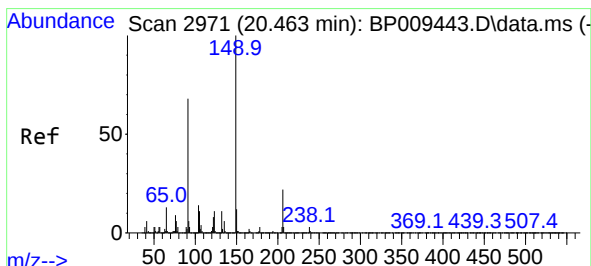
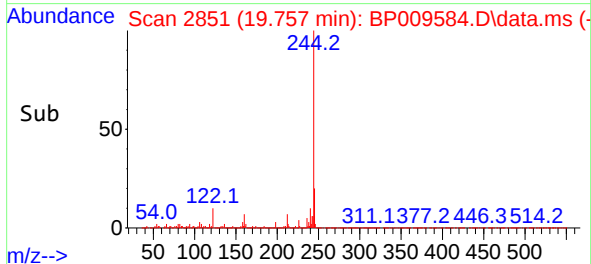
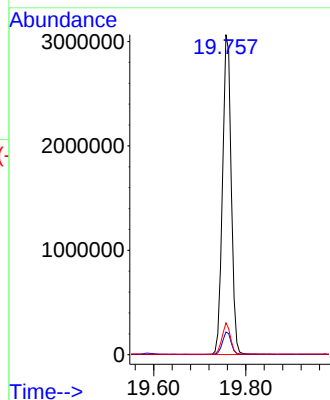
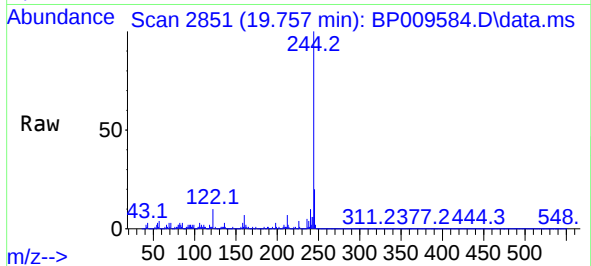




#79
 Terphenyl-d14
 Concen: 48.653 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009584.D
 Acq: 29 Mar 2022 01:38

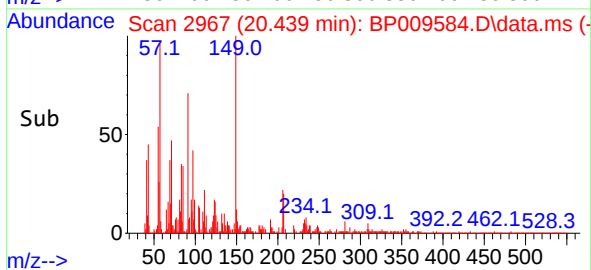
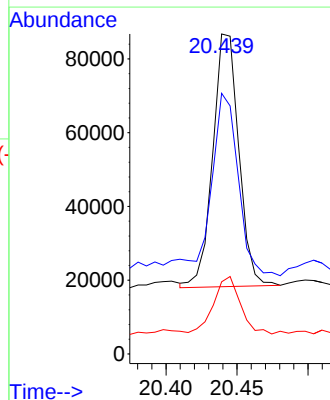
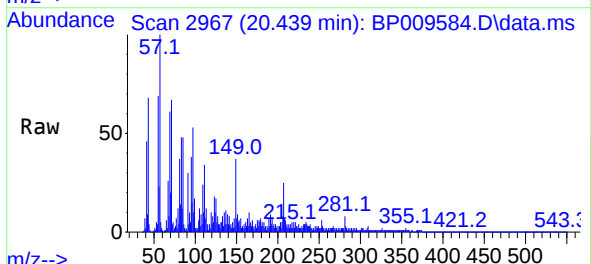
Instrument :
 BNA_P
 ClientSampleId :
 CW-1

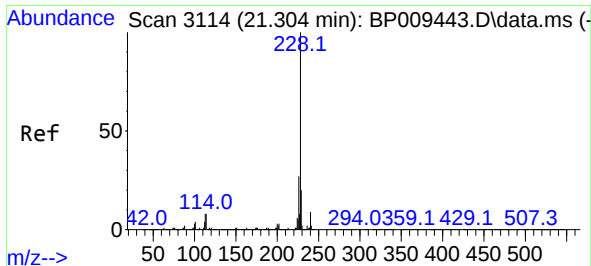
Tgt Ion:244 Resp: 4000856
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.0 8.3 12.5



#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

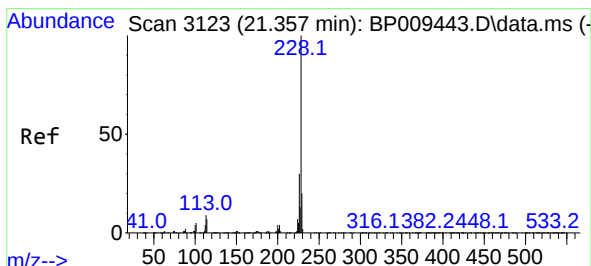
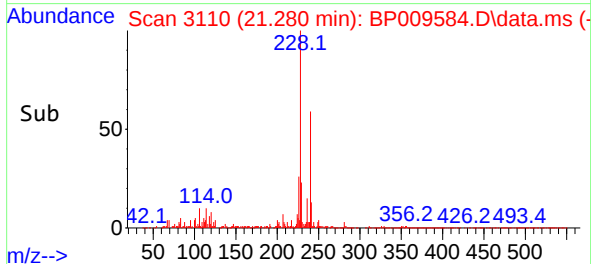
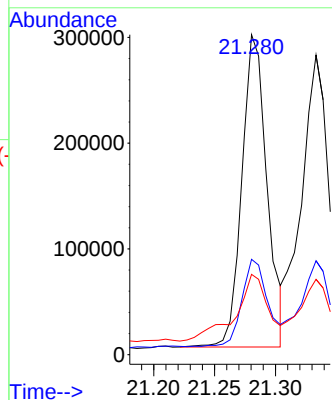
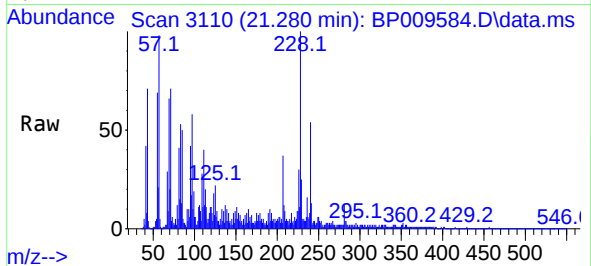




#81
Benzo(a)anthracene
Concen: 4.382 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

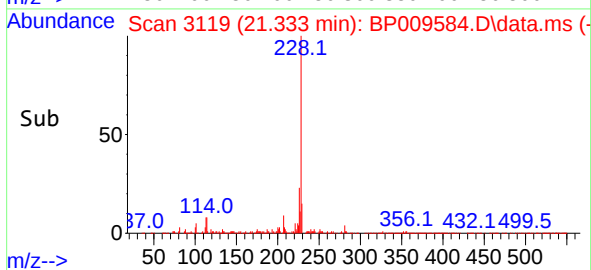
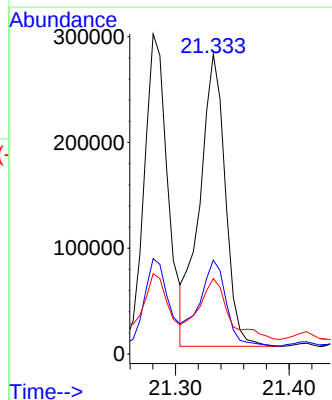
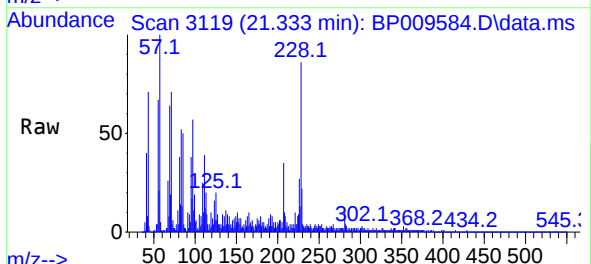
Instrument :
BNA_P
ClientSampleId :
CW-1

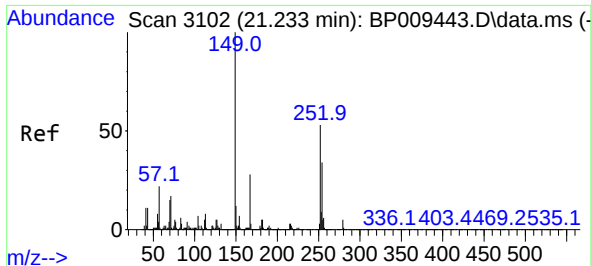
Tgt Ion:228 Resp: 424924
Ion Ratio Lower Upper
228 100
226 29.8 22.0 33.0
229 25.1 16.1 24.1#



#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#

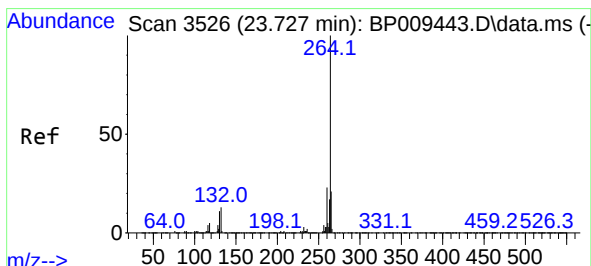
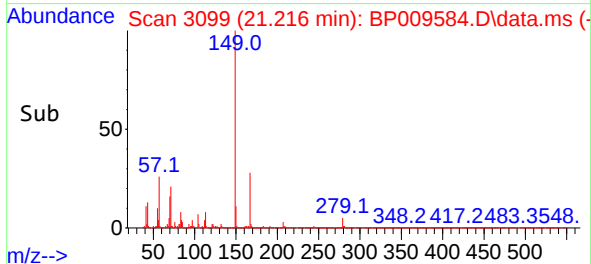
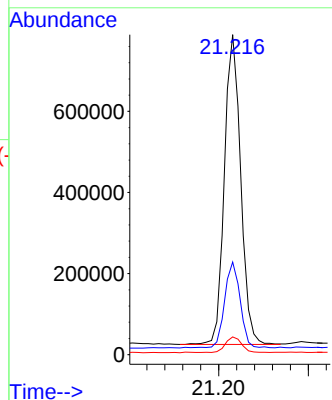
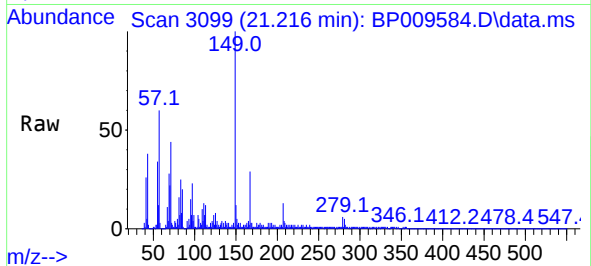




#84
Bis(2-ethylhexyl)phthalate
Concen: 16.710 ng
RT: 21.216 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

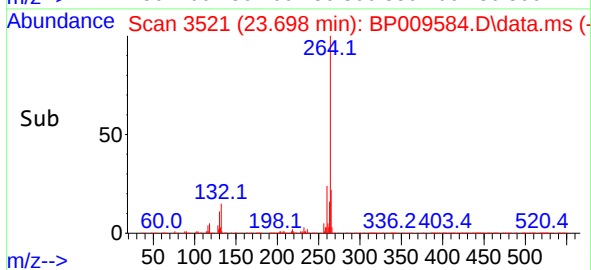
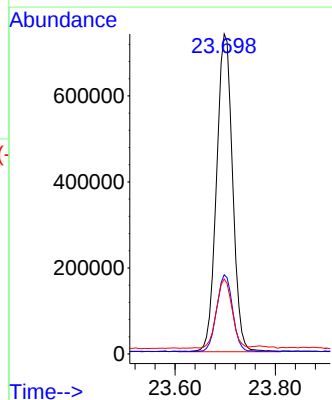
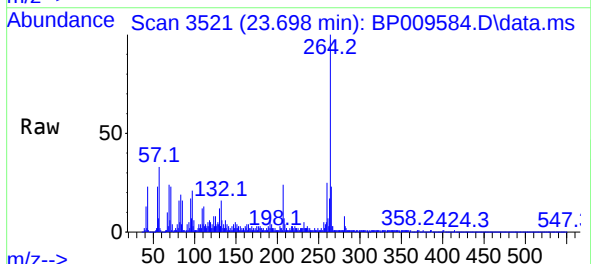
Instrument :
BNA_P
ClientSampleId :
CW-1

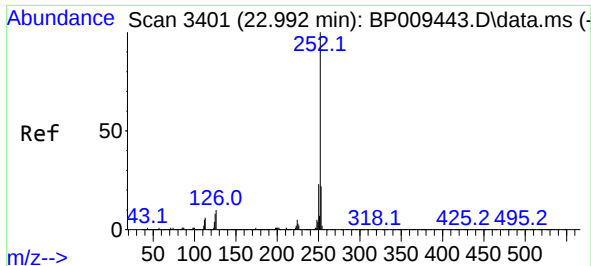
Tgt Ion:149 Resp: 962843
Ion Ratio Lower Upper
149 100
167 28.9 22.6 33.8
279 5.5 3.8 5.6



#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

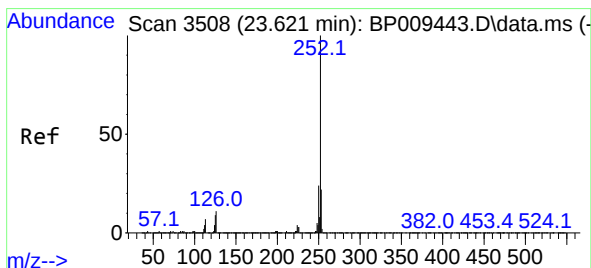
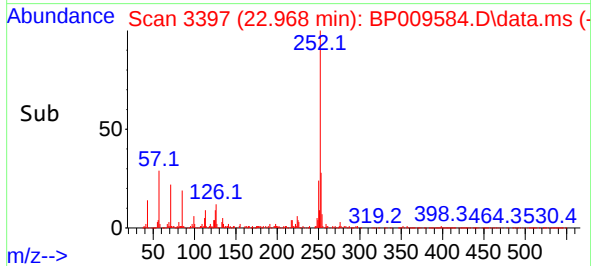
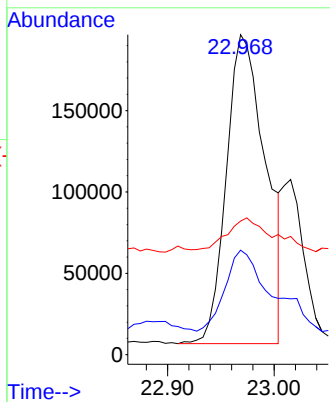
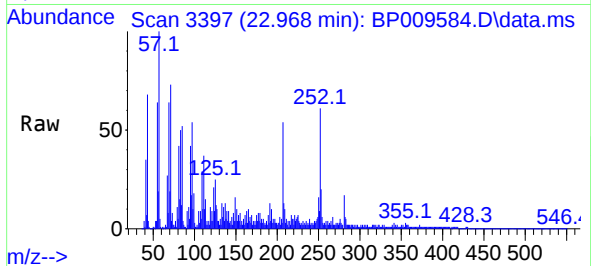




#88
Benzo(b)fluoranthene
Concen: 4.957 ng
RT: 22.968 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

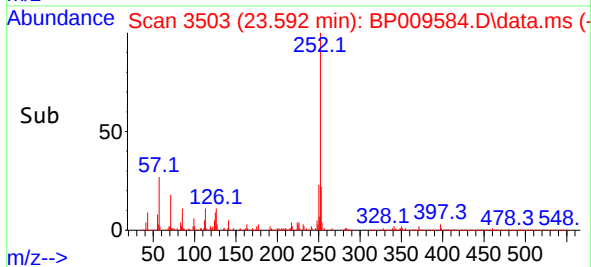
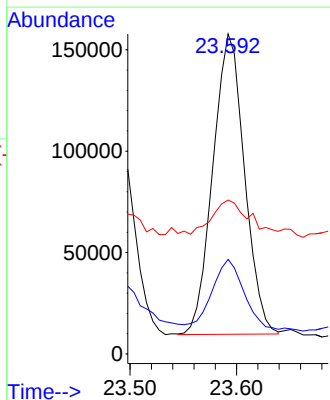
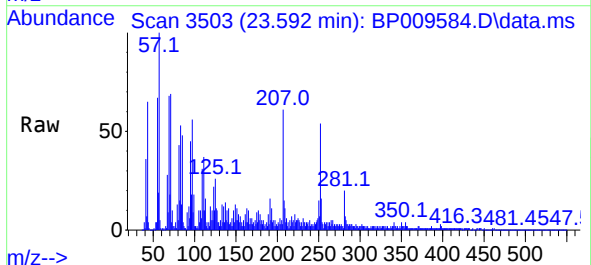
Instrument :
BNA_P
ClientSampleId :
CW-1

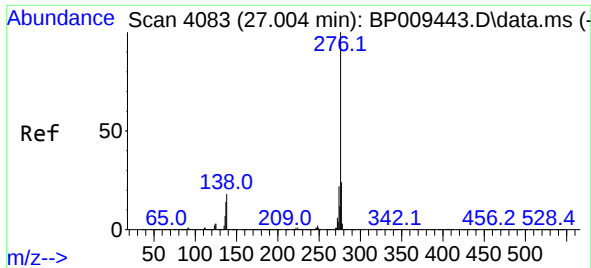
Tgt Ion:252 Resp: 485896
Ion Ratio Lower Upper
252 100
253 32.7 17.8 26.8#
125 41.7 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 3.636 ng
RT: 23.592 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BP009584.D
Acq: 29 Mar 2022 01:38

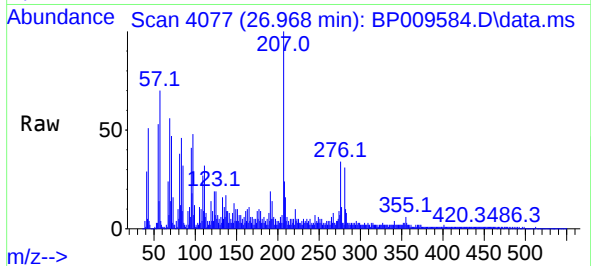
Tgt Ion:252 Resp: 304992
Ion Ratio Lower Upper
252 100
253 29.5 17.8 26.6#
125 48.1 9.3 13.9#





#92
 Benzo(g,h,i)perylene
 Concen: 2.219 ng
 RT: 26.968 min Scan# 40
 Delta R.T. 0.018 min
 Lab File: BP009584.D
 Acq: 29 Mar 2022 01:38

Instrument :
 BNA_P
 ClientSampleId :
 CW-1



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

