

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
 Data File : BP010081.D
 Acq On : 25 Apr 2022 13:36
 Operator : CG/JU
 Sample : N2475-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A0BE9

Quant Time: Apr 26 01:20:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	163632	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	706876	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	476823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	1020221	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	890745	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	742283	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	22118	5.894	ng/uL	0.00
4) Pyridine-d5	3.781	84	278606	26.392	ng/ul	0.00
7) Phenol-d5	7.099	99	430950	28.954	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	286153	32.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	344837	31.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	376768	30.553	ng/ul	-0.01
21) Nitrobenzene-d5	9.093	128	180037	32.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	199195	32.442	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	355830	29.768	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	489567	28.564	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1260763	33.991	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1369771	30.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	188544	27.612	ng/ul	0.00
60) Fluorene-d10	15.563	176	1068827	33.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	216164	33.509	ng/ul	0.00
73) Anthracene-d10	17.422	188	1749247	35.441	ng/ul	0.00
81) Pyrene-d10	19.651	212	2071945	40.901	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	1508941	38.776	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.122	94	259611	17.359	ng/ul#	92
12) 2-Chlorophenol	7.499	128	197117	17.729	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.469	45	454894	26.607	ng/ul#	84
19) Hexachloroethane	9.022	117	84173	18.017	ng/ul#	82
29) 2,4-Dichlorophenol	10.387	162	202532	17.626	ng/ul#	81
30) Naphthalene	10.793	128	670344	18.119	ng/ul	96
33) Hexachlorobutadiene	11.087	225	212105	26.046	ng/ul	96
48) 2,6-Dinitrotoluene	14.139	165	198014	26.767	ng/ul	94
52) Acenaphthene	14.634	153	539697	18.666	ng/ul	97
57) 2,4-Dinitrotoluene	14.922	165	303000	28.037	ng/ul#	79
59) Diethylphthalate	15.386	149	916393	24.993	ng/ul	93
61) Fluorene	15.616	166	656345	18.671	ng/ul	90
69) Hexachlorobenzene	16.628	284	304512	24.108	ng/ul#	89
71) Pentachlorophenol	16.975	266	314067	39.043	ng/ul#	84
74) Anthracene	17.457	178	980734	17.559	ng/ul	98
82) Pyrene	19.680	202	1392830	23.661	ng/ul#	94
83) Butylbenzylphthalate	20.551	149	1187584	48.805	ng/ul#	79
85) Benzo(a)anthracene	21.386	228	1192574	21.097	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.310	149	1348446	37.390	ng/ul#	81
87) Chrysene	21.445	228	1215924	21.845	ng/ul	98
90) Benzo(b)fluoranthene	23.110	252	1779103	35.652	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1062154	22.470	ng/ul#	98
93) Benzo(a)pyrene	23.751	252	915737	19.844	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	1386389	30.201	ng/ul#	93

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

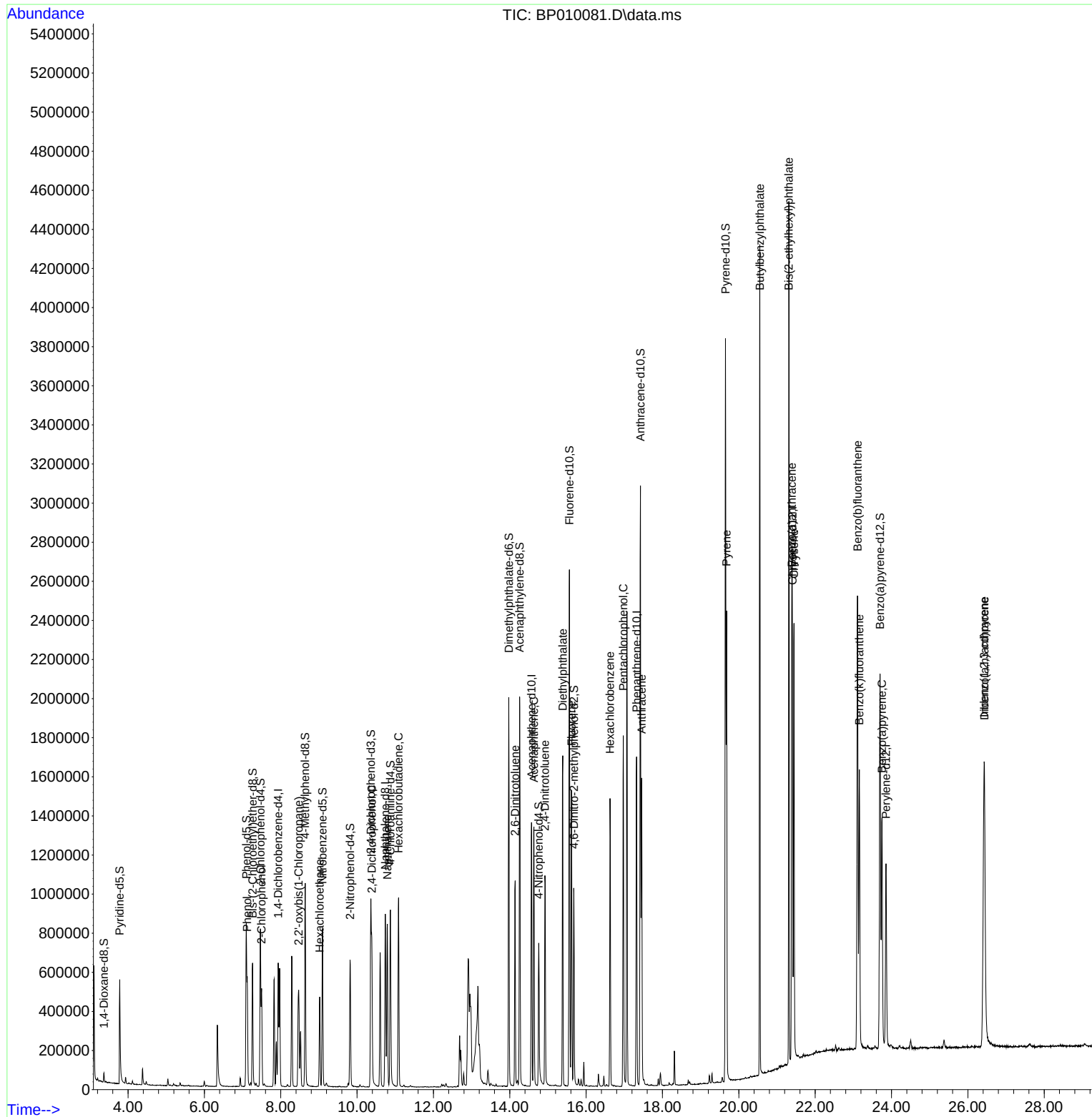
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	26.433	278	1019711	25.960	ng/ul#	95

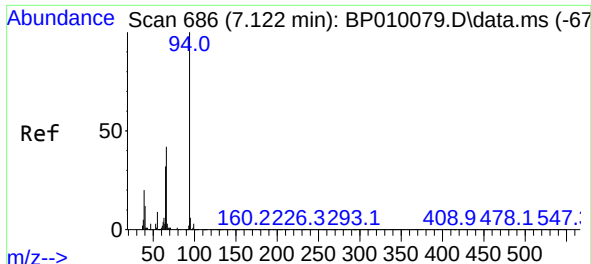
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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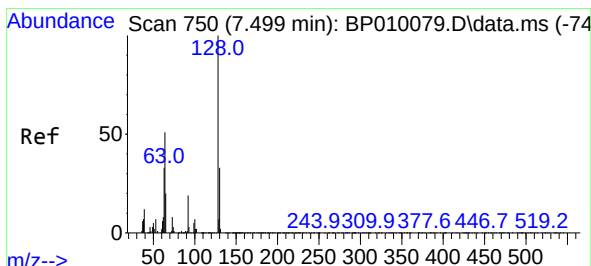
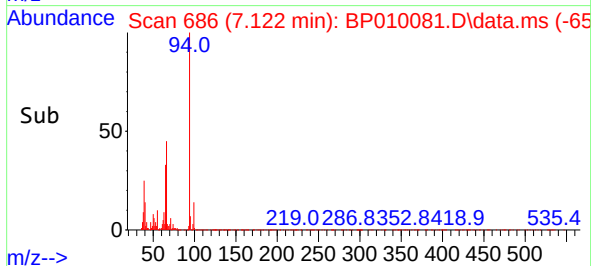
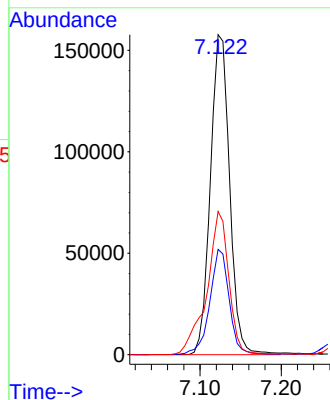
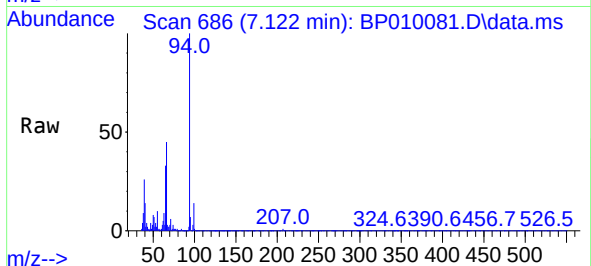




#8
Phenol
Concen: 17.359 ng/ul
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

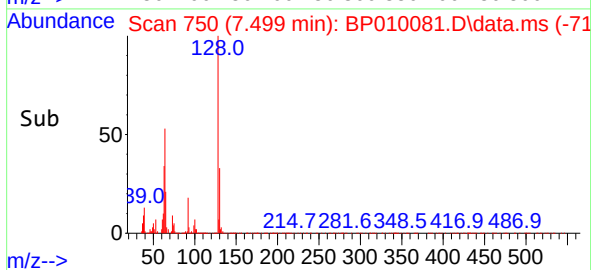
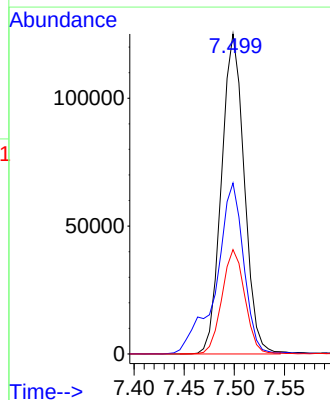
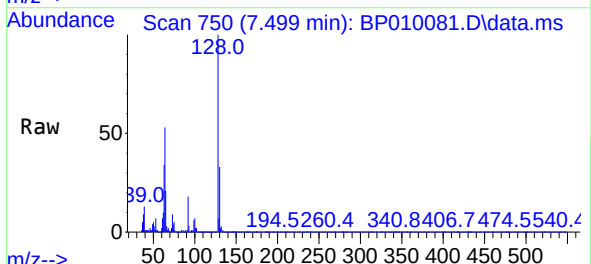
Instrument :
BNA_P
ClientSampleId :
A0BE9

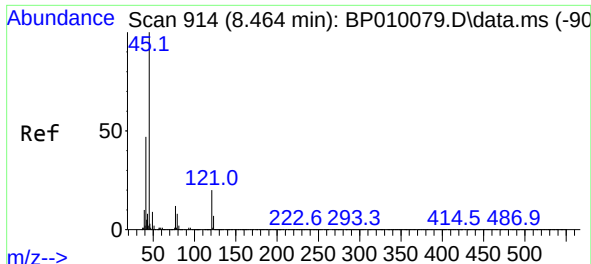
Tgt Ion: 94 Resp: 259611
Ion Ratio Lower Upper
94 100
65 32.9 19.0 28.6#
66 44.7 34.6 51.8



#12
2-Chlorophenol
Concen: 17.729 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion: 128 Resp: 197117
Ion Ratio Lower Upper
128 100
64 53.4 45.3 67.9
130 32.6 29.0 43.6

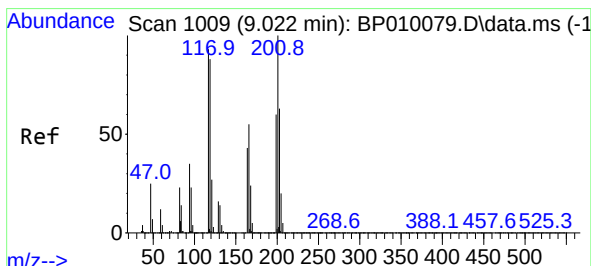
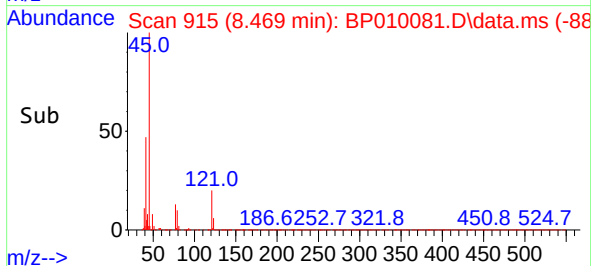
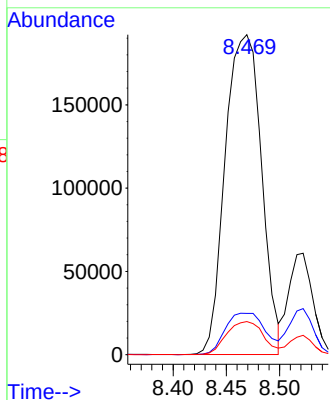
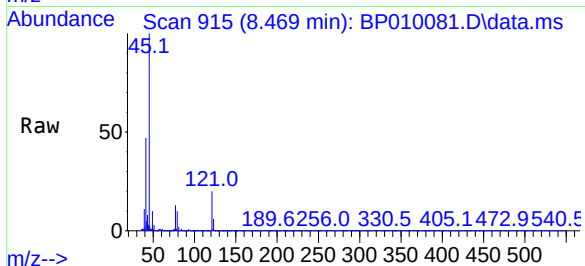




#14
2,2'-oxybis(1-Chloropropane)
Concen: 26.607 ng/ul
RT: 8.469 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

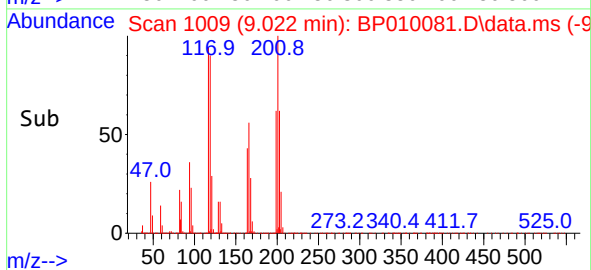
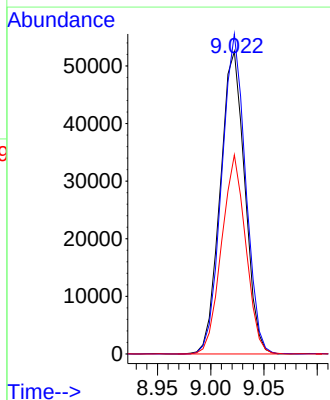
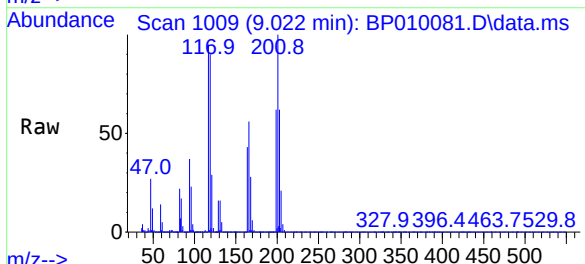
Instrument :
BNA_P
ClientSampleId :
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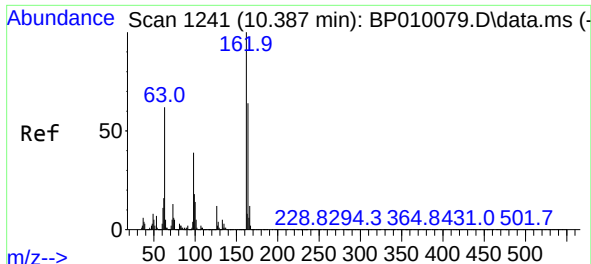
Tgt Ion: 45 Resp: 454894
Ion Ratio Lower Upper
45 100
77 12.9 17.1 25.7#
79 10.4 13.2 19.8#



#19
Hexachloroethane
Concen: 18.017 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion: 117 Resp: 84173
Ion Ratio Lower Upper
117 100
201 105.8 106.5 159.7#
199 65.8 59.0 88.6





#29

2,4-Dichlorophenol

Concen: 17.626 ng/ul

RT: 10.387 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BP010081.D

Acq: 25 Apr 2022 13:36

Instrument :

BNA_P

ClientSampleId :

A0BE9

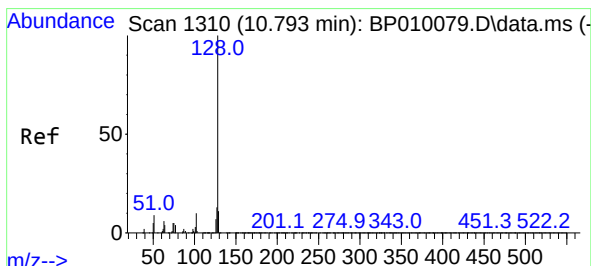
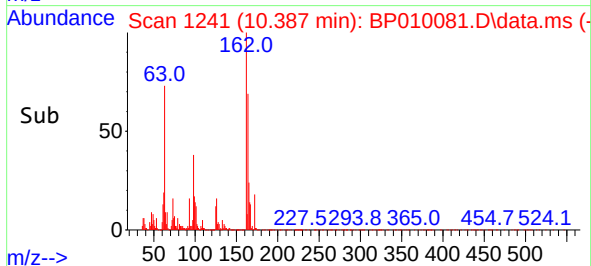
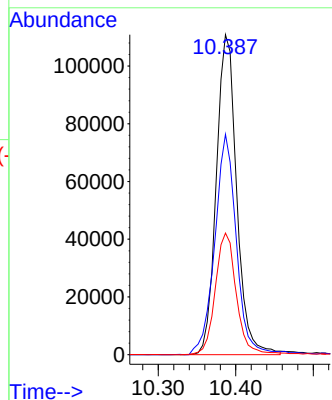
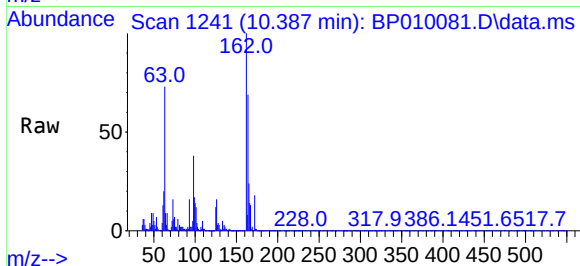
Tgt Ion:162 Resp: 202532

Ion Ratio Lower Upper

162 100

164 68.8 37.0 55.6#

98 38.0 31.0 46.6



#30

Naphthalene

Concen: 18.119 ng/ul

RT: 10.793 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BP010081.D

Acq: 25 Apr 2022 13:36

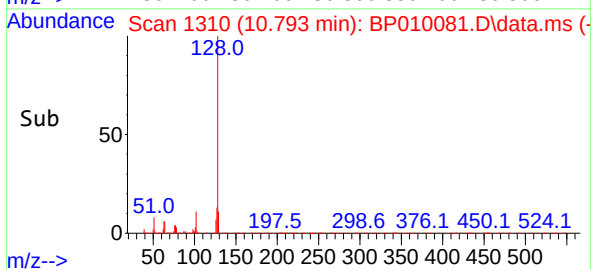
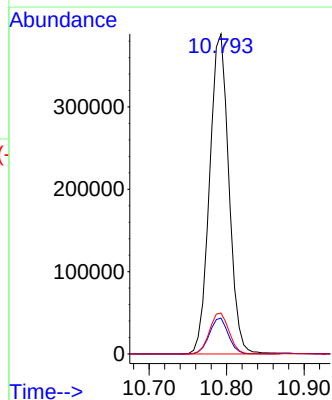
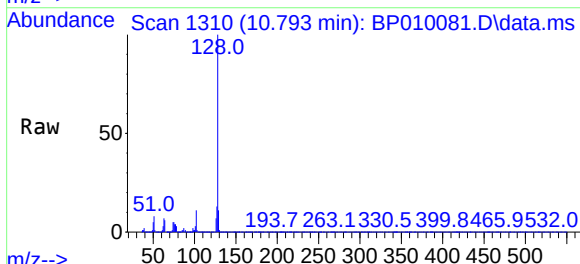
Tgt Ion:128 Resp: 670344

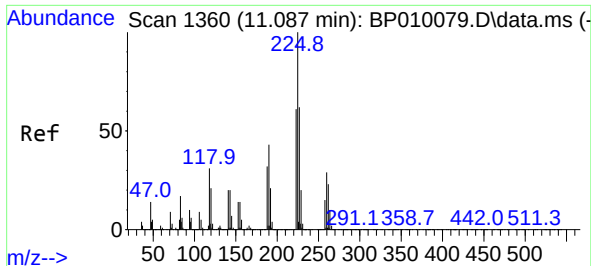
Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 12.8 12.2 18.4

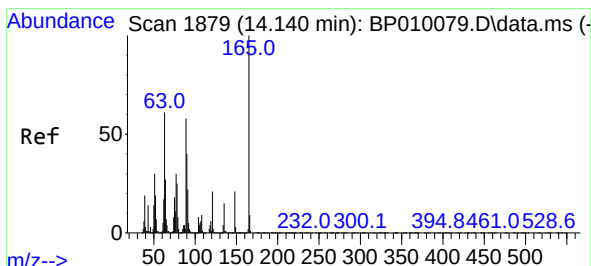
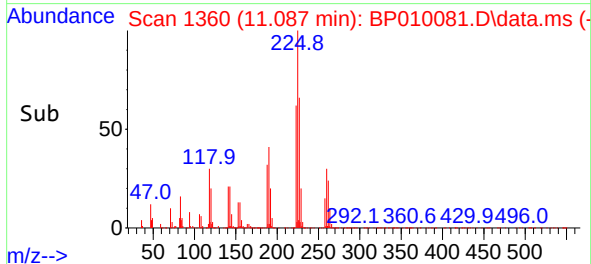
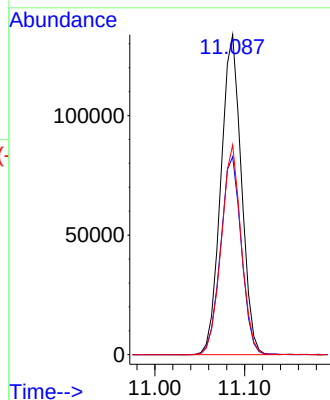
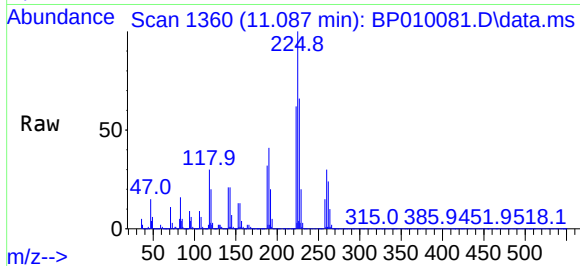




#33
Hexachlorobutadiene
Concen: 26.046 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

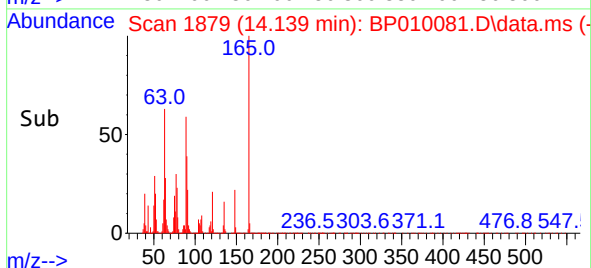
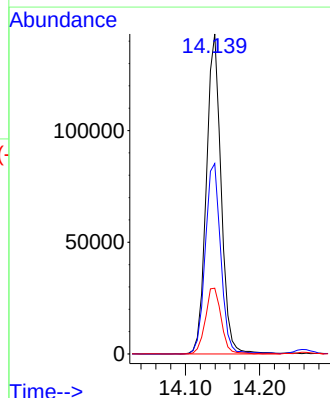
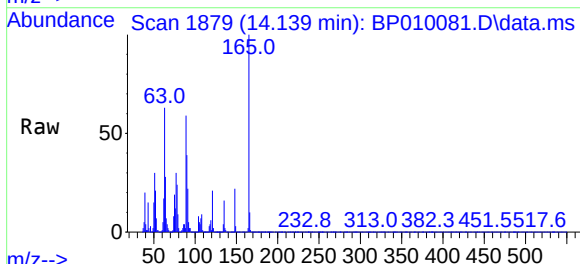
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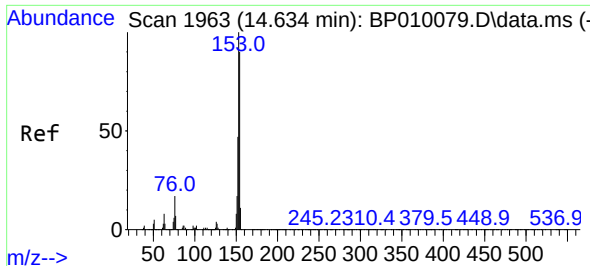
Tgt Ion:225 Resp: 212105
Ion Ratio Lower Upper
225 100
223 61.8 53.4 80.0
227 65.5 53.8 80.8



#48
2,6-Dinitrotoluene
Concen: 26.767 ng/ul
RT: 14.139 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion:165 Resp: 198014
Ion Ratio Lower Upper
165 100
89 59.5 51.7 77.5
121 20.6 18.3 27.5

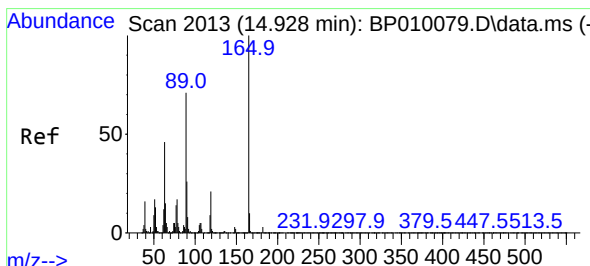
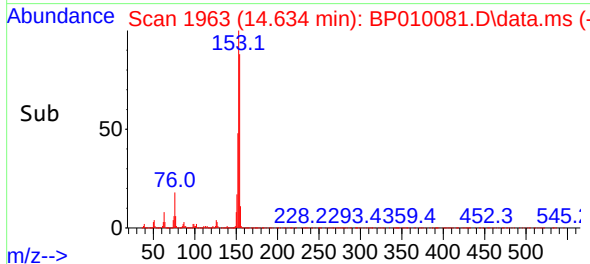
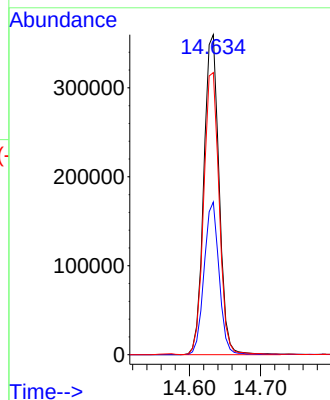
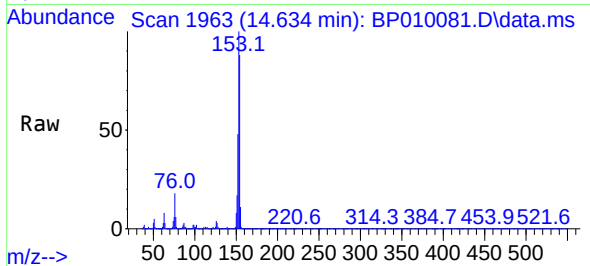




#52
Acenaphthene
Concen: 18.666 ng/ul
RT: 14.634 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

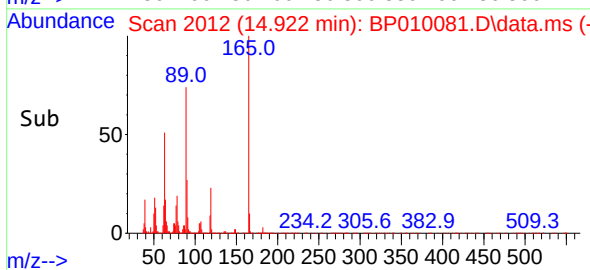
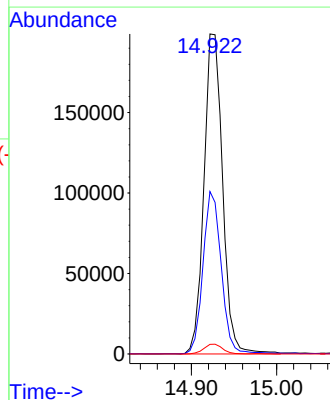
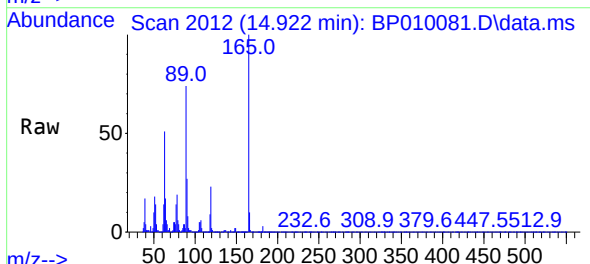
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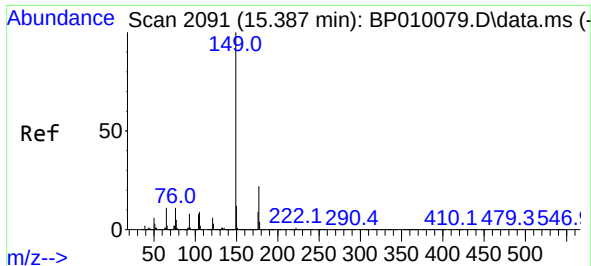
Tgt Ion:153 Resp: 539697
Ion Ratio Lower Upper
153 100
152 47.7 34.3 51.5
154 88.2 70.0 105.0



#57
2,4-Dinitrotoluene
Concen: 28.037 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion:165 Resp: 303000
Ion Ratio Lower Upper
165 100
63 50.7 29.5 44.3
182 3.0 2.8 4.2

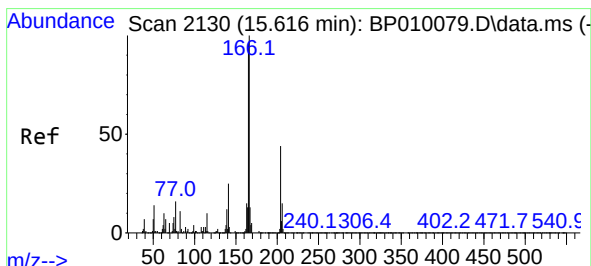
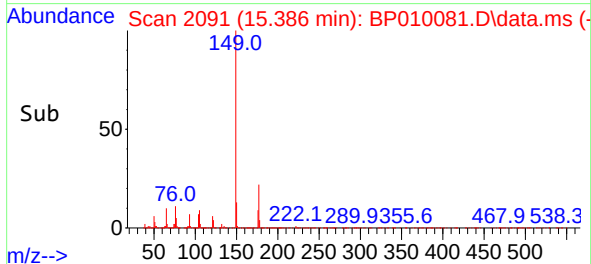
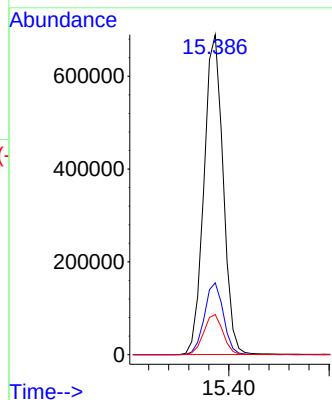
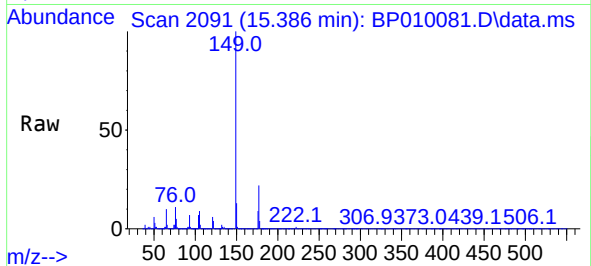




#59
Diethylphthalate
Concen: 24.993 ng/ul
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

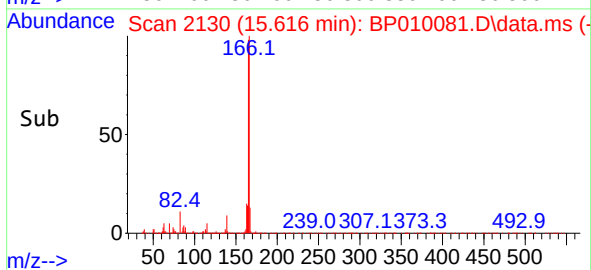
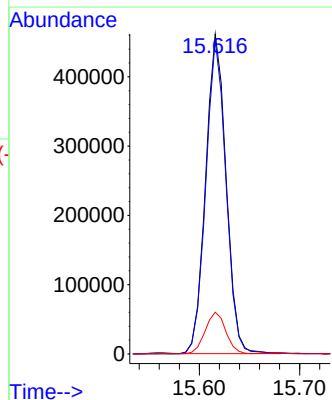
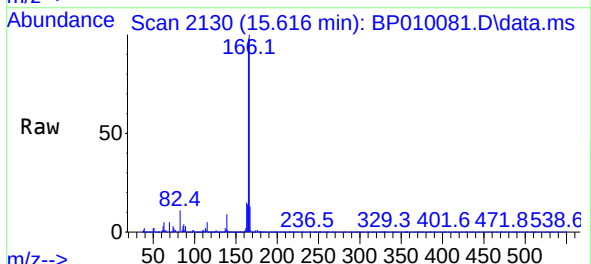
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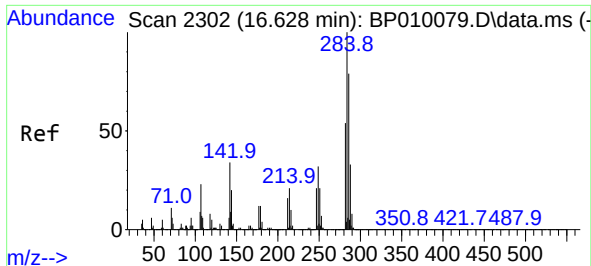
Tgt Ion:149 Resp: 916393
Ion Ratio Lower Upper
149 100
177 22.5 22.0 33.0
150 12.5 10.2 15.2



#61
Fluorene
Concen: 18.671 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
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Tgt Ion:166 Resp: 656345
Ion Ratio Lower Upper
166 100
165 98.3 70.3 105.5
167 13.0 9.5 14.3

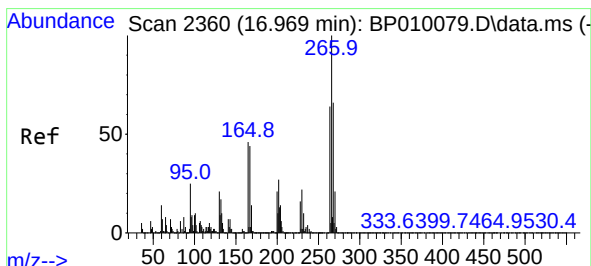
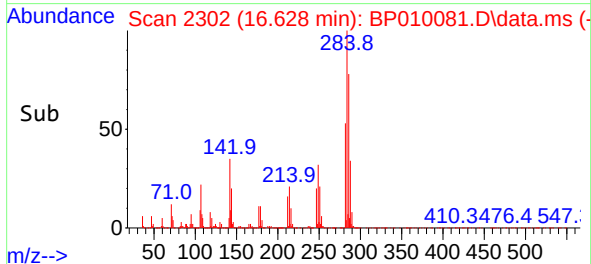
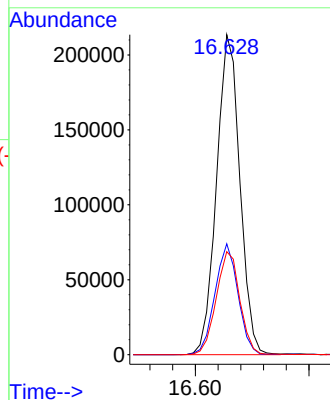
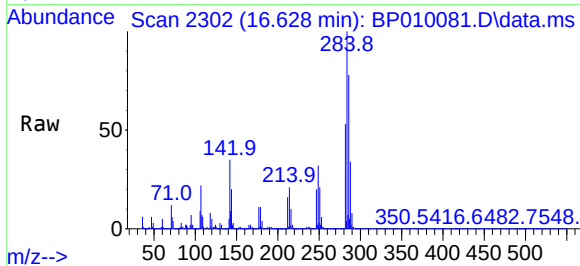




#69
Hexachlorobenzene
Concen: 24.108 ng/ul
RT: 16.628 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

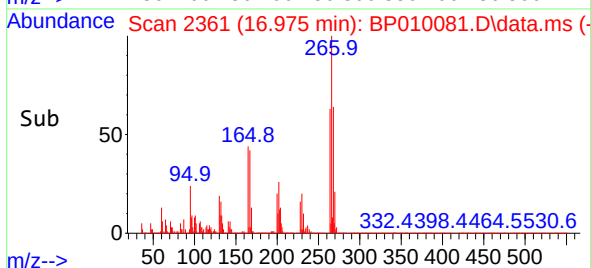
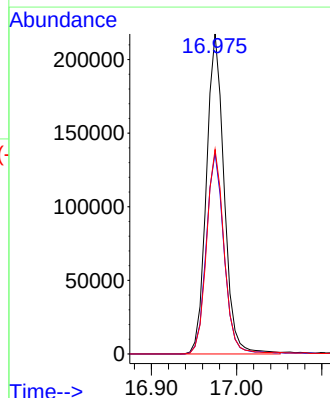
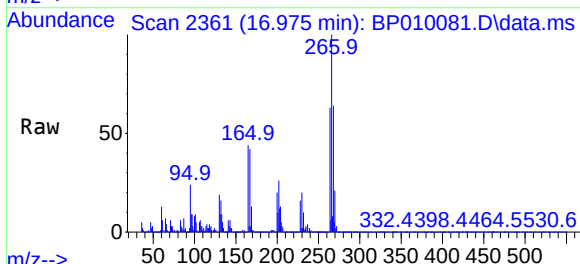
Instrument :
BNA_P
ClientSampleId :
A0BE9

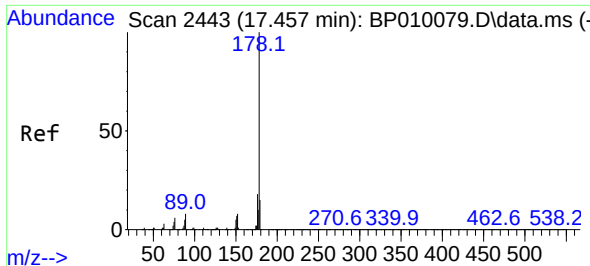
Tgt Ion:284 Resp: 304512
Ion Ratio Lower Upper
284 100
142 34.6 19.2 28.8#
249 32.2 27.4 41.2



#71
Pentachlorophenol
Concen: 39.043 ng/ul
RT: 16.975 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion:266 Resp: 314067
Ion Ratio Lower Upper
266 100
264 62.8 57.3 85.9
268 63.9 65.7 98.5#

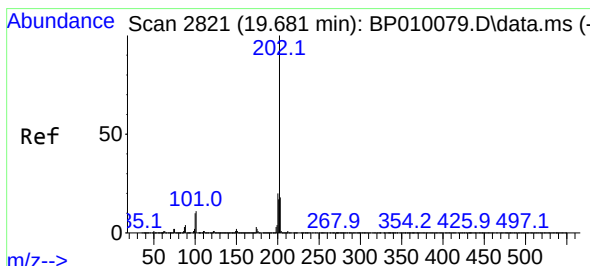
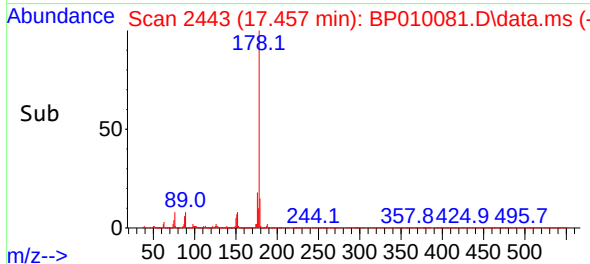
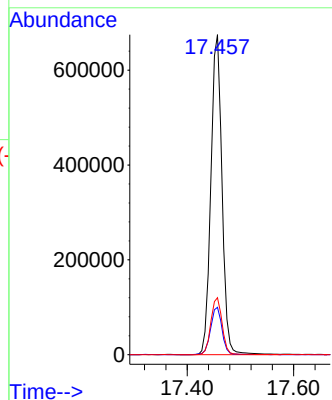
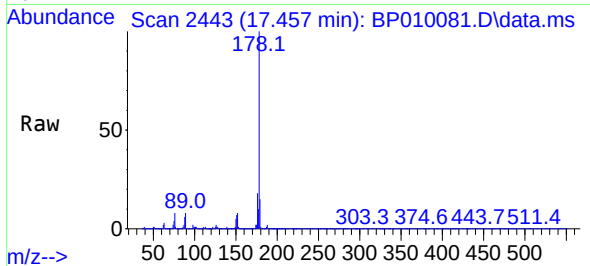




#74
 Anthracene
 Concen: 17.559 ng/ul
 RT: 17.457 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BP010081.D
 Acq: 25 Apr 2022 13:36

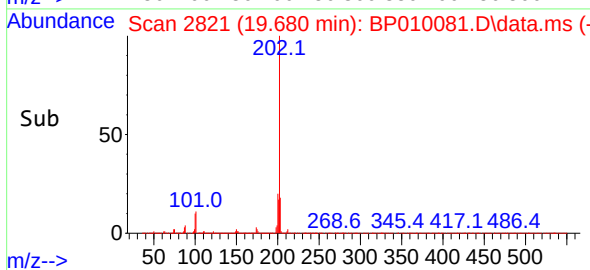
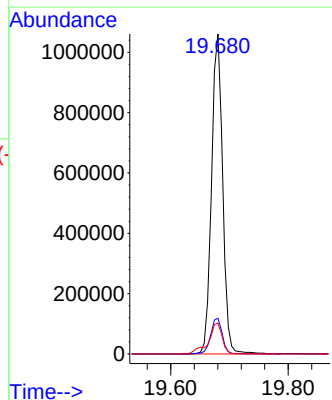
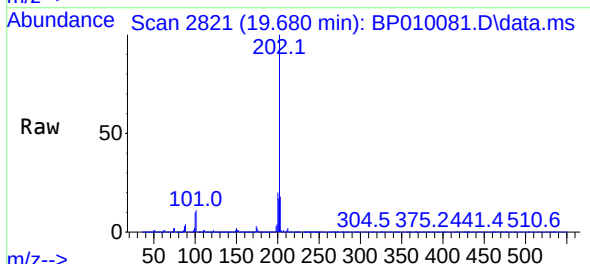
Instrument :
 BNA_P
 ClientSampleId :
 A0BE9

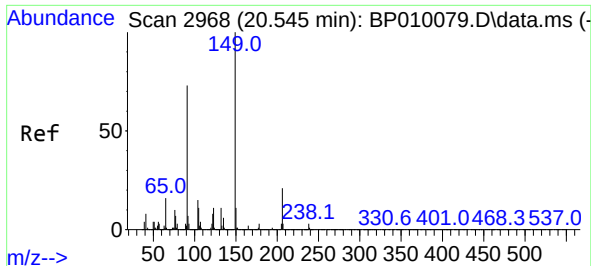
Tgt Ion:178 Resp: 980734
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.3 18.5
 176 17.8 13.4 20.2



#82
 Pyrene
 Concen: 23.661 ng/ul
 RT: 19.680 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BP010081.D
 Acq: 25 Apr 2022 13:36

Tgt Ion:202 Resp: 1392830
 Ion Ratio Lower Upper
 202 100
 101 11.1 10.6 15.8
 100 9.6 9.8 14.6#

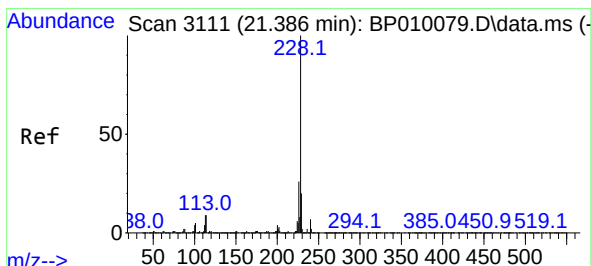
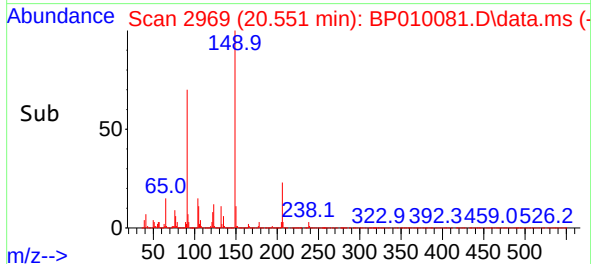
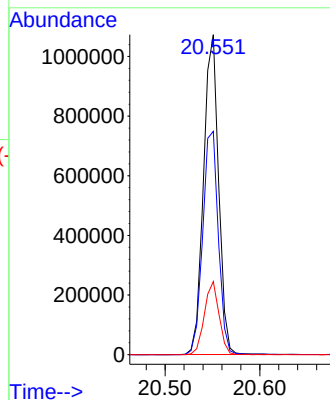
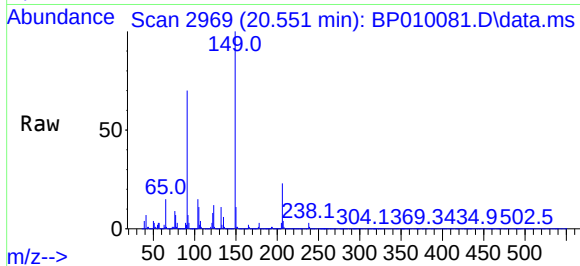




#83
Butylbenzylphthalate
Concen: 48.805 ng/ul
RT: 20.551 min Scan# 2969
Delta R.T. 0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

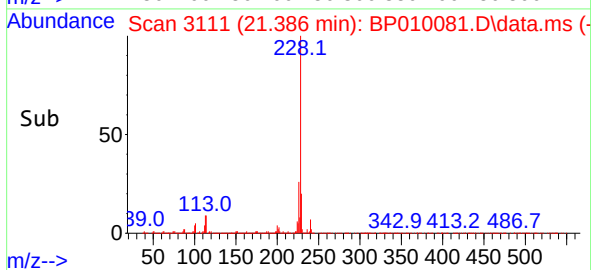
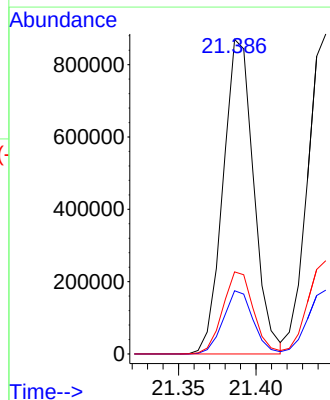
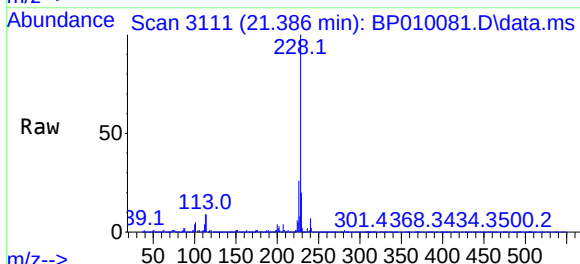
Instrument :
BNA_P
ClientSampleId :
A0BE9

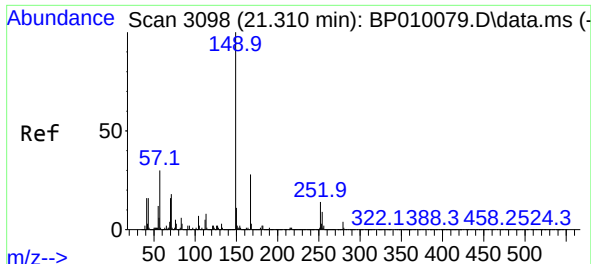
Tgt Ion:149 Resp: 1187584
Ion Ratio Lower Upper
149 100
91 69.8 71.1 106.7#
206 22.9 28.8 43.2#



#85
Benzo(a)anthracene
Concen: 21.097 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion:228 Resp: 1192574
Ion Ratio Lower Upper
228 100
229 20.1 18.2 27.2
226 26.1 22.8 34.2

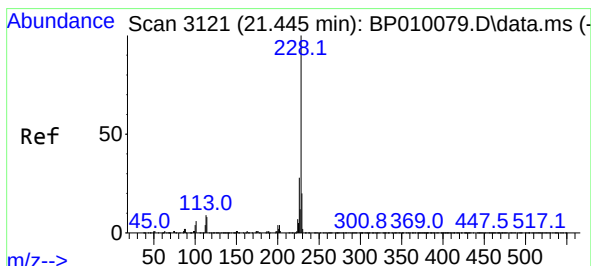
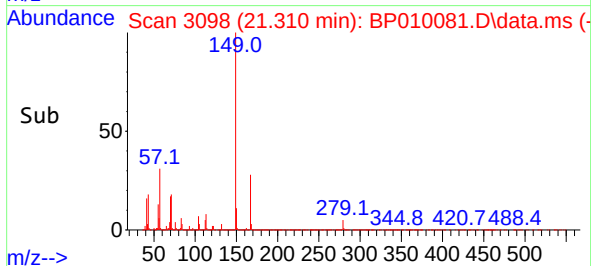
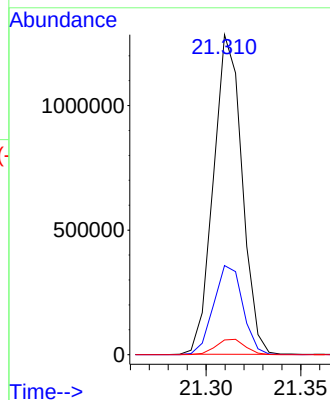
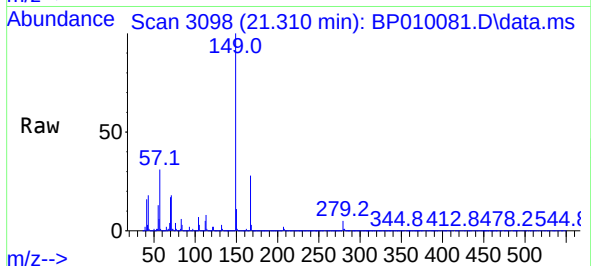




#86
Bis(2-ethylhexyl)phthalate
Concen: 37.390 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

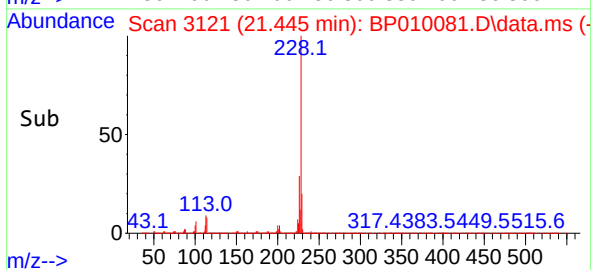
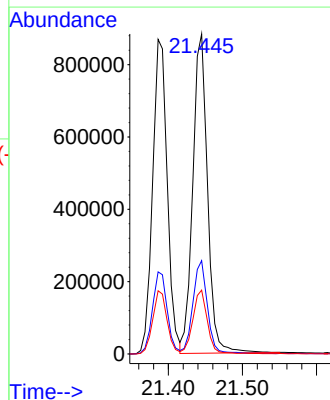
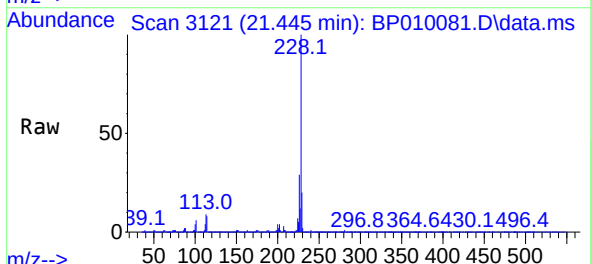
Instrument :
BNA_P
ClientSampleId :
A0BE9

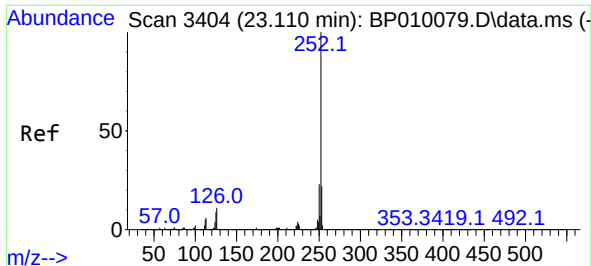
Tgt Ion:149 Resp: 1348446
Ion Ratio Lower Upper
149 100
167 27.8 32.8 49.2#
279 4.6 5.6 8.4#



#87
Chrysene
Concen: 21.845 ng/ul
RT: 21.445 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion:228 Resp: 1215924
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 19.9 15.2 22.8

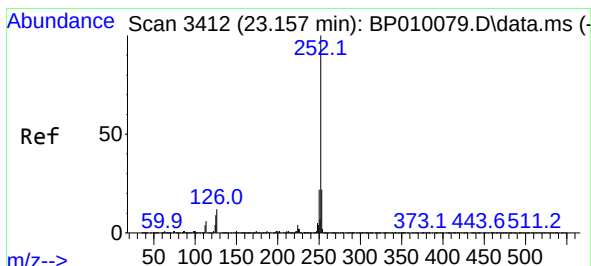
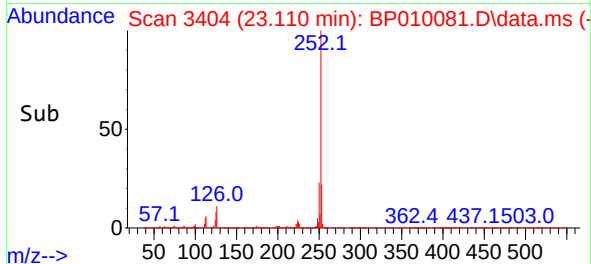
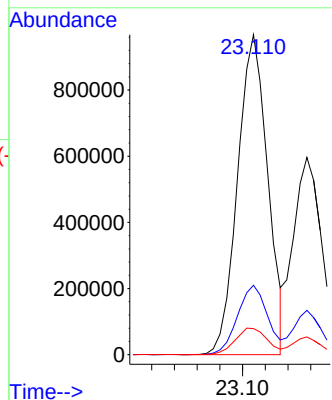
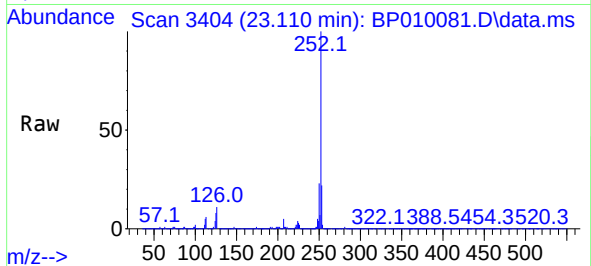




#90
Benzo(b)fluoranthene
Concen: 35.652 ng/u1
RT: 23.110 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

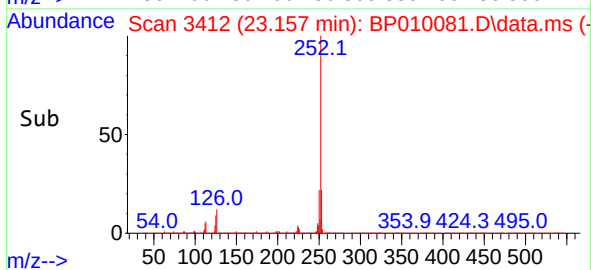
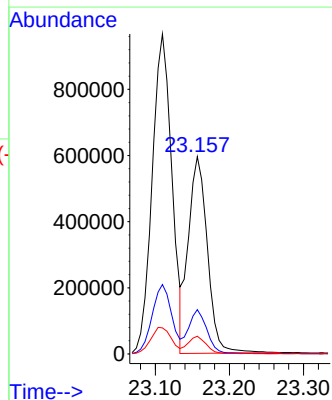
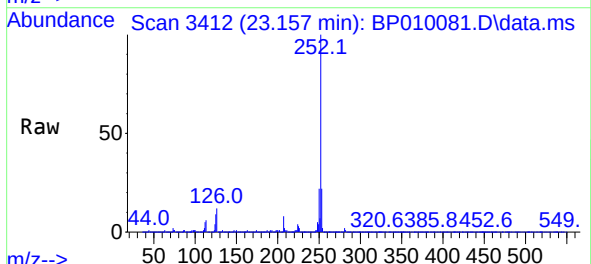
Instrument :
BNA_P
ClientSampleId :
A0BE9

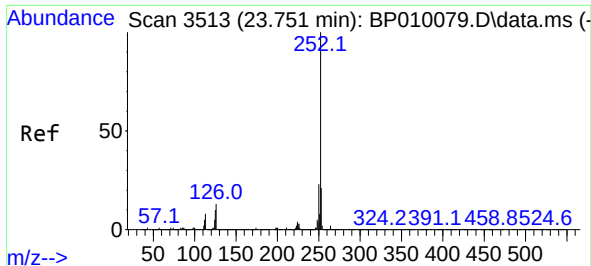
Tgt Ion:252 Resp: 1779103
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.2 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 22.470 ng/u1
RT: 23.157 min Scan# 3412
Delta R.T. -0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

Tgt Ion:252 Resp: 1062154
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.0 5.1 7.7#

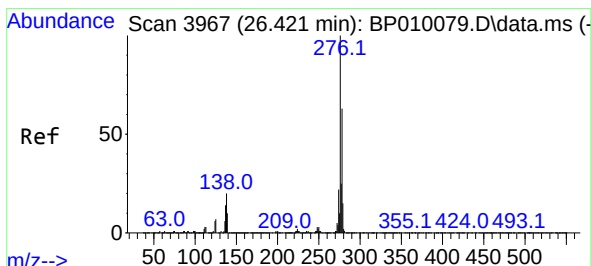
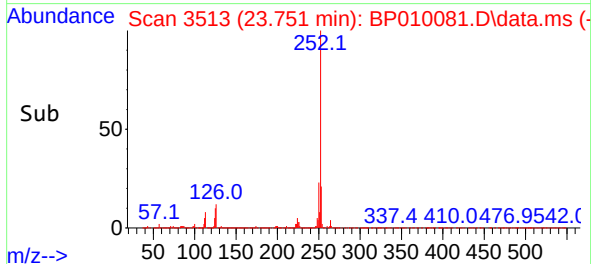
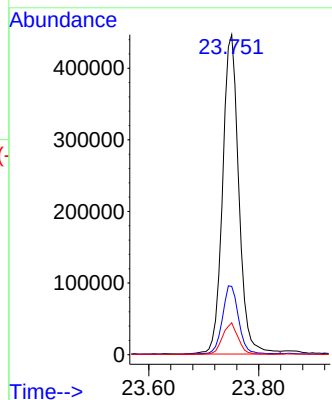
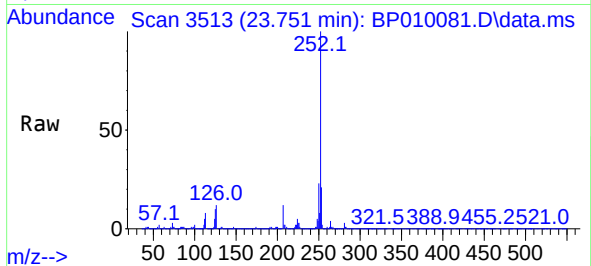




#93
Benzo(a)pyrene
Concen: 19.844 ng/ul
RT: 23.751 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

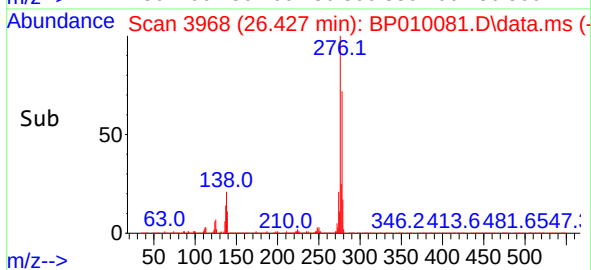
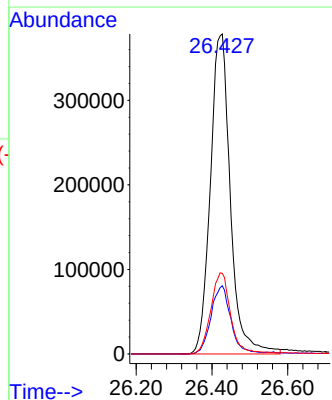
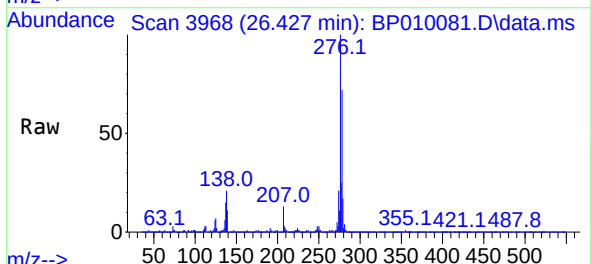
Instrument :
BNA_P
ClientSampleId :
A0BE9

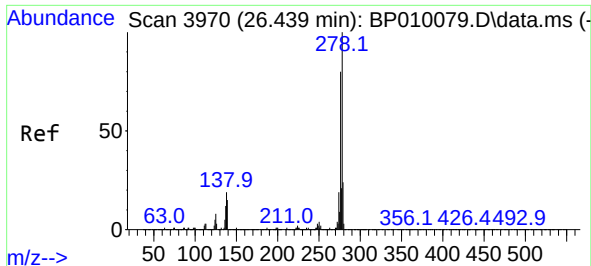
Tgt Ion:252 Resp: 915737
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.9 6.4 9.6#



#94
Indeno(1,2,3-cd)pyrene
Concen: 30.201 ng/ul
RT: 26.427 min Scan# 3968
Delta R.T. -0.000 min
Lab File: BP010081.D
Acq: 25 Apr 2022 13:36

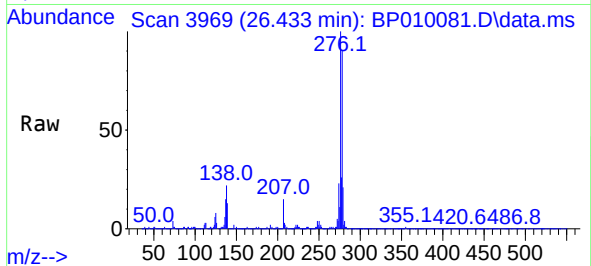
Tgt Ion:276 Resp: 1386389
Ion Ratio Lower Upper
276 100
138 21.3 12.3 18.5#
277 25.2 19.3 28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 25.960 ng/ul
 RT: 26.433 min Scan# 3969
 Delta R.T. -0.006 min
 Lab File: BP010081.D
 Acq: 25 Apr 2022 13:36

Instrument :
 BNA_P
 ClientSampleId :
 A0BE9



Tgt Ion:278 Resp: 1019711
 Ion Ratio Lower Upper
 278 100
 139 14.2 6.6 10.0#
 279 23.5 18.4 27.6

