

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
 Data File : BP004422.D
 Acq On : 23 Dec 2020 13:59
 Operator : CG/JU
 Sample : L5059-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CALTANK2-20201209

Quant Time: Dec 23 14:37:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 10:27:21 2020
 Response via : Initial Calibration

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

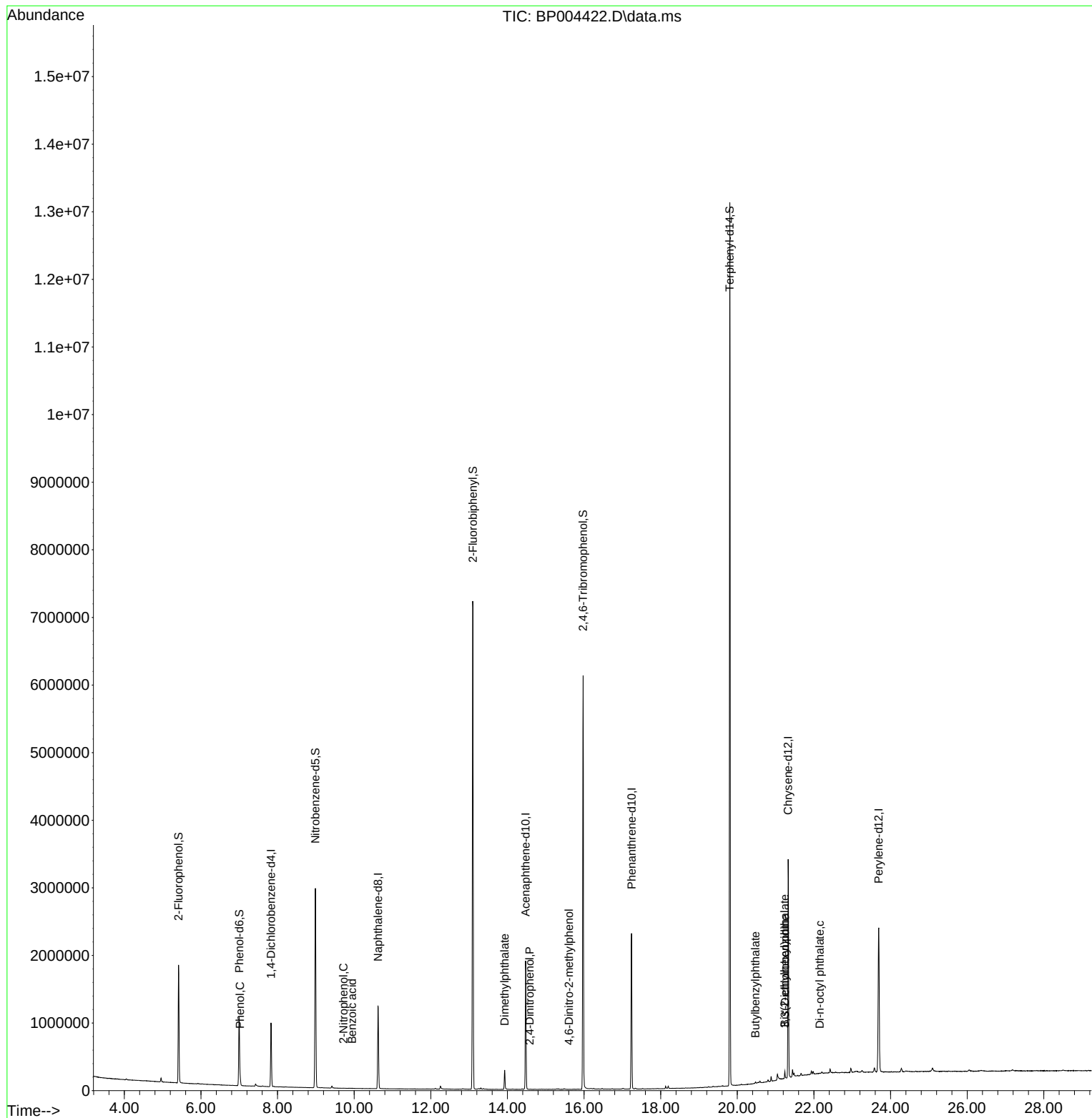
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	268542	20.00	ng	0.00
21) Naphthalene-d8	10.622	136	1065417	20.00	ng	# 0.00
39) Acenaphthene-d10	14.475	164	640670	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	1423920	20.00	ng	# 0.00
76) Chrysene-d12	21.327	240	1560790	20.00	ng	0.00
86) Perylene-d12	23.692	264	1684618	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	827273	50.48	ng	0.00
7) Phenol-d6	6.999	99	642698	27.85	ng	0.00
23) Nitrobenzene-d5	8.987	82	1798371	80.24	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1217959	142.48	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3987333	78.88	ng	0.00
79) Terphenyl-d14	19.804	244	5625254	69.07	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.022	94	65430	2.87	ng	88
26) 2-Nitrophenol	9.716	139	58	2.64	ng	# 1
32) Benzoic acid	9.945	122	180	7.27	ng	94
50) Dimethylphthalate	13.928	163	190649	3.62	ng	99
54) 2,4-Dinitrophenol	14.580	184	23	5.28	ng	# 64
65) 4,6-Dinitro-2-methylph...	15.604	198	15	4.16	ng	# 1
80) Butylbenzylphthalate	20.474	149	4779	3.67	ng	# 82
82) 3,3'-Dichlorobenzidine	21.245	252	878	3.15	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.239	149	38654	3.99	ng	97
85) Di-n-octyl phthalate	22.151	149	1222	4.51	ng	# 89

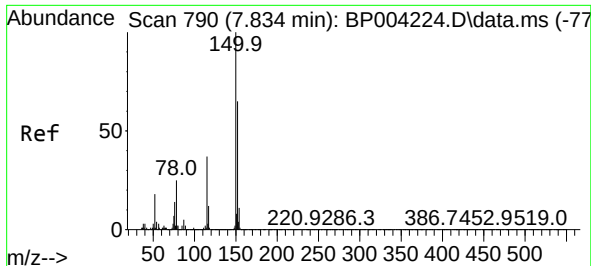
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

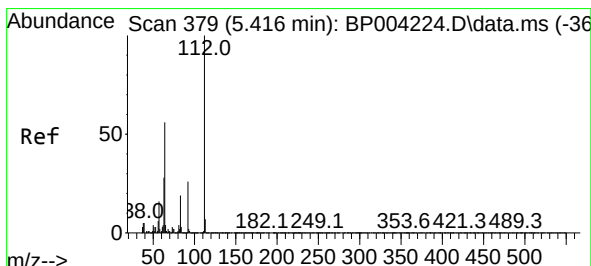
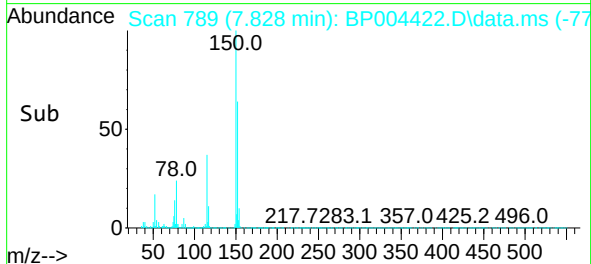
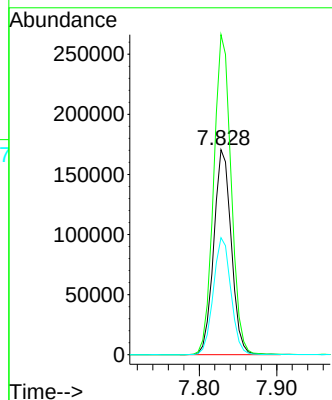
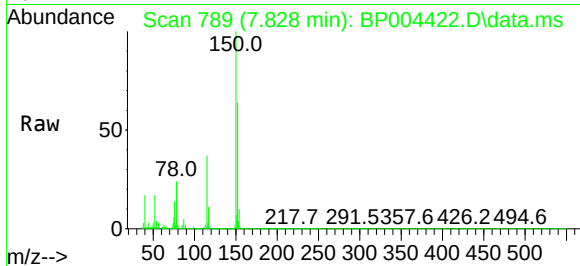




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.828 min Scan# 789
Delta R.T. -0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

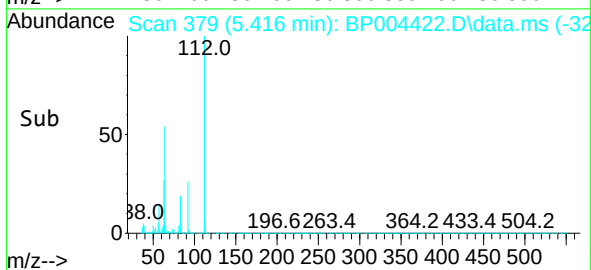
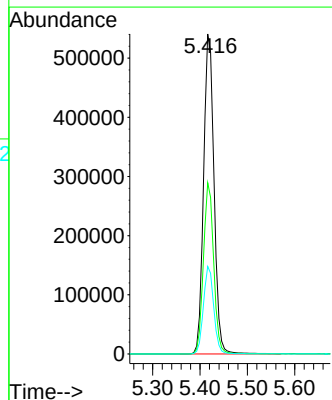
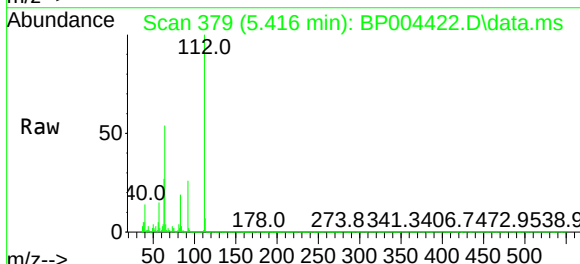
Instrument :
BNA_P
ClientSampleId :
CALTANK2-20201209

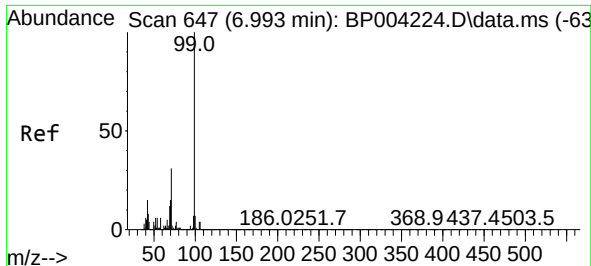
Tgt Ion:152 Resp: 268542
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 57.1 43.8 65.6



#5
2-Fluorophenol
Concen: 50.48 ng
RT: 5.416 min Scan# 379
Delta R.T. -0.000 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:112 Resp: 827273
Ion Ratio Lower Upper
112 100
64 53.5 32.8 49.2#
63 27.4 17.0 25.4#

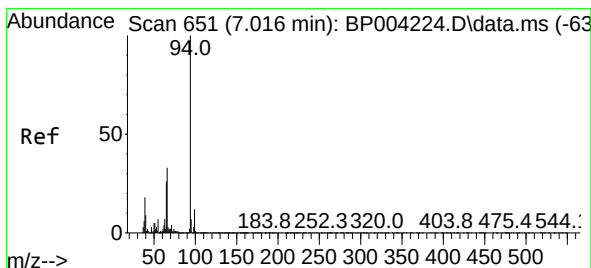
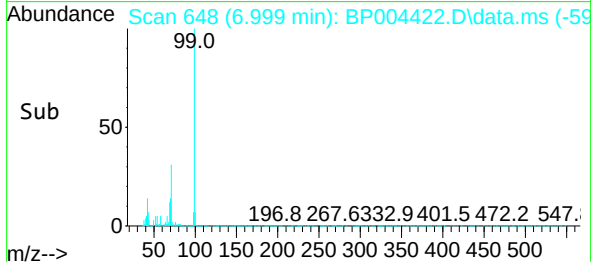
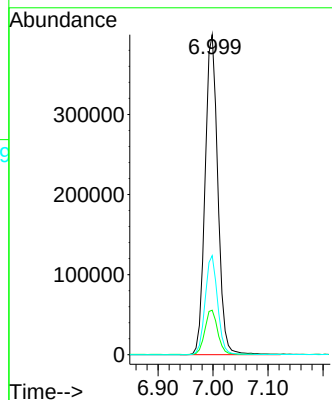
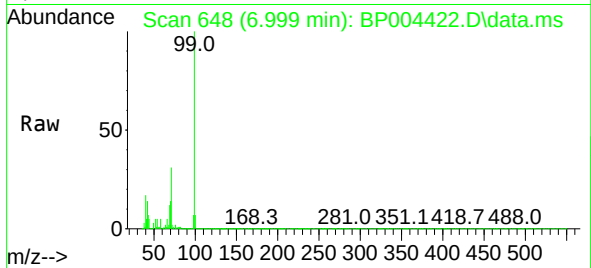




#7
Phenol-d6
Concen: 27.85 ng
RT: 6.999 min Scan# 648
Delta R.T. 0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

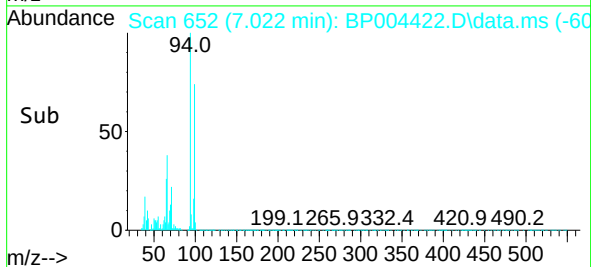
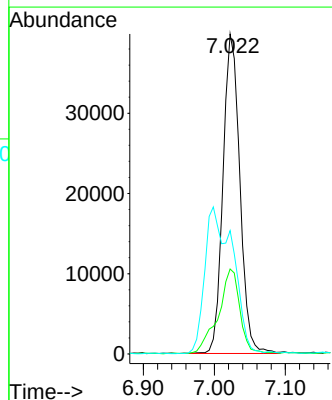
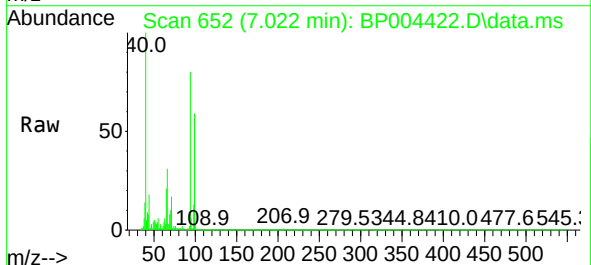
Instrument :
BNA_P
ClientSampleId :
CALTANK2-20201209

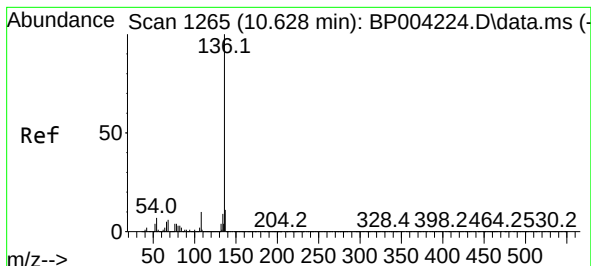
Tgt Ion: 99 Resp: 642698
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 30.9 23.4 35.2



#10
Phenol
Concen: 2.87 ng
RT: 7.022 min Scan# 652
Delta R.T. 0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion: 94 Resp: 65430
Ion Ratio Lower Upper
94 100
65 26.5 2.3 42.3
66 38.5 10.9 50.9



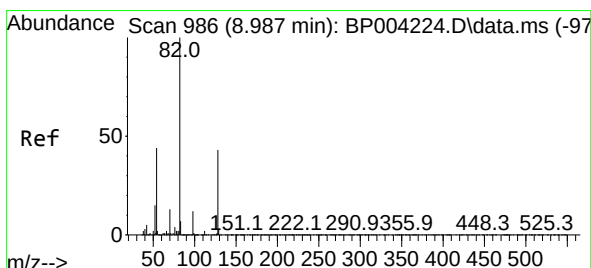
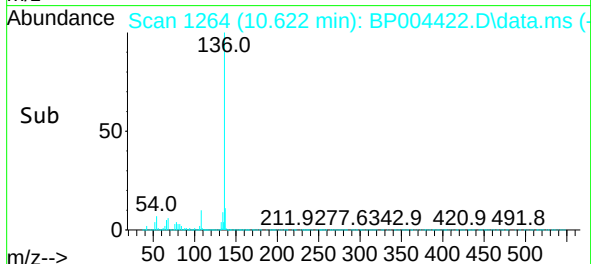
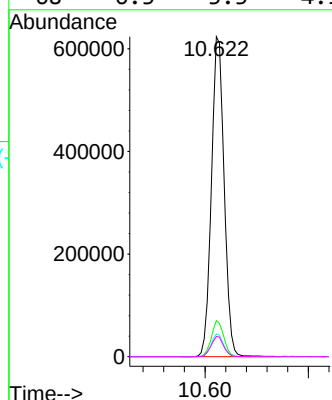
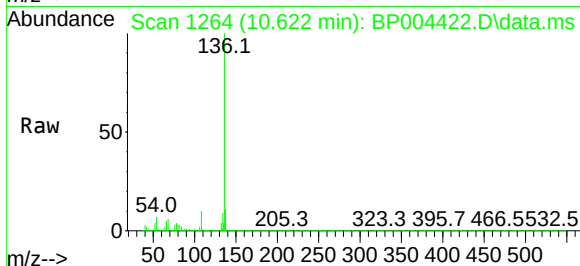


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.622 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Instrument :
BNA_P
ClientSampleId :
CALTANK2-20201209

Tgt Ion:136 Resp: 1065417

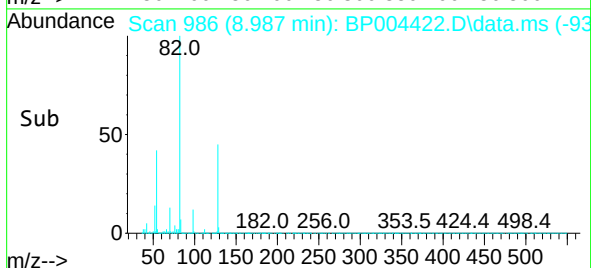
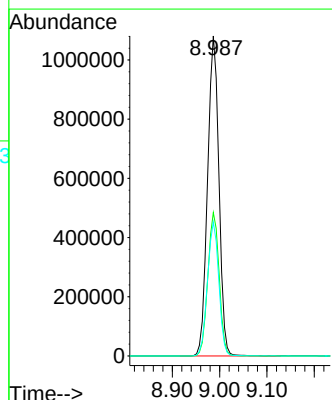
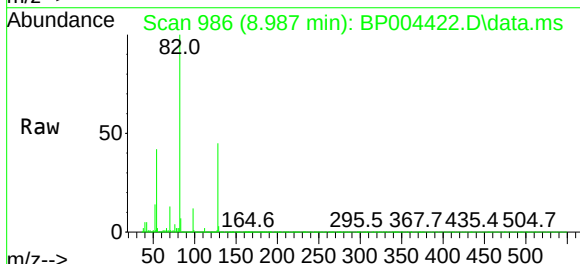
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.2	3.6	5.4#
68	6.3	3.3	4.9#

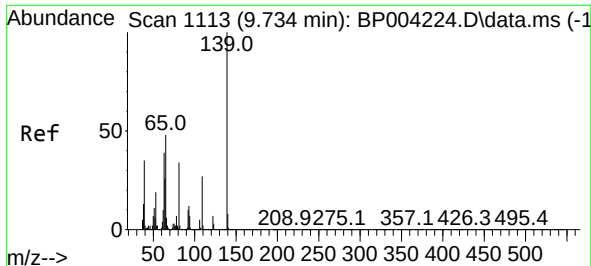


#23
Nitrobenzene-d5
Concen: 80.24 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion: 82 Resp: 1798371

Ion	Ratio	Lower	Upper
82	100		
128	44.8	45.6	68.4#
54	41.9	30.1	45.1

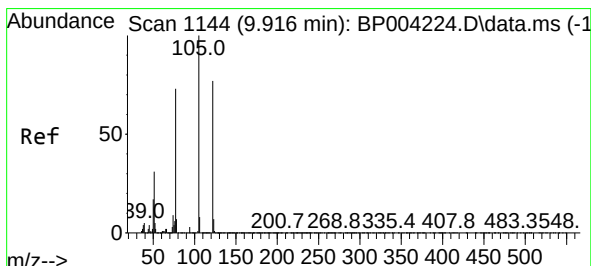
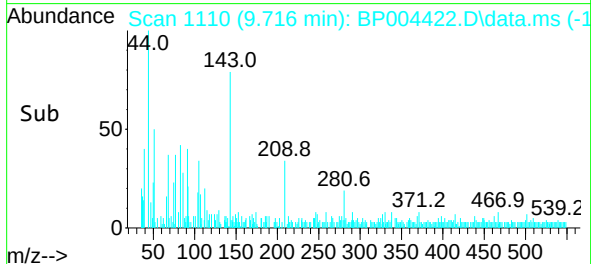
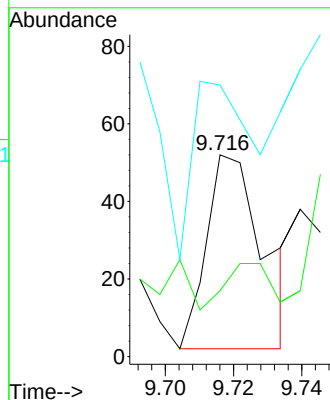
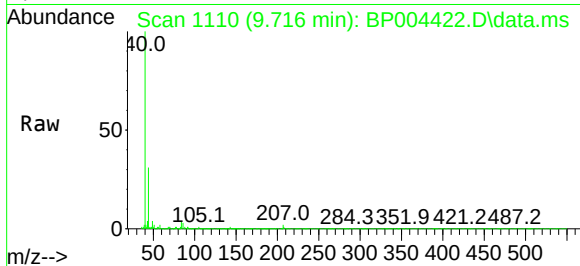




#26
2-Nitrophenol
Concen: 2.64 ng
RT: 9.716 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

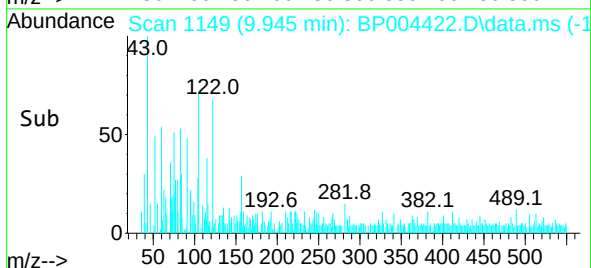
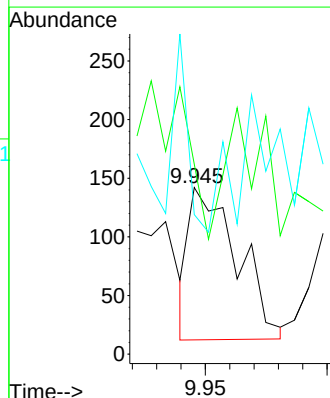
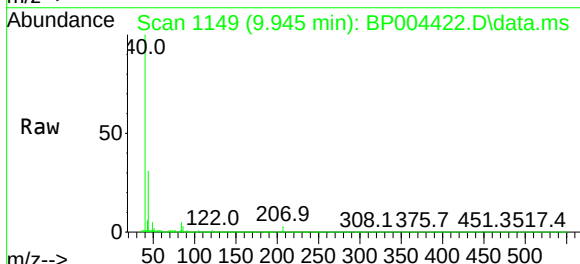
Instrument :
BNA_P
ClientSampleId :
CALTANK2-20201209

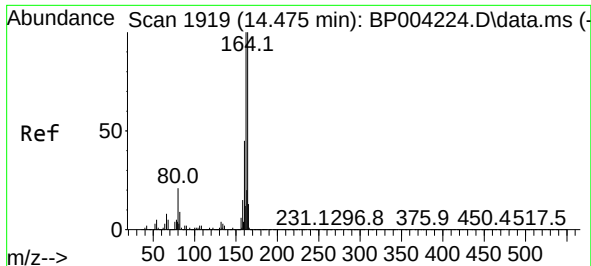
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 32.7 22.1 33.1
65 134.6 26.5 39.7#



#32
Benzoic acid
Concen: 7.27 ng
RT: 9.945 min Scan# 1149
Delta R.T. 0.029 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:122 Resp: 180
Ion Ratio Lower Upper
122 100
105 114.1 94.1 134.1
77 83.8 50.1 90.1

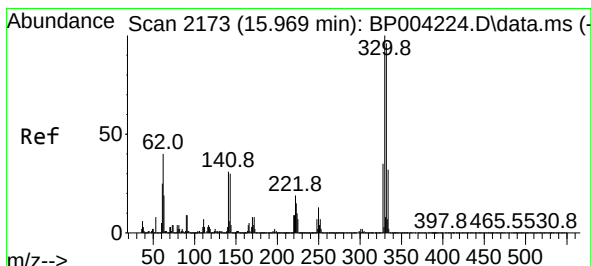
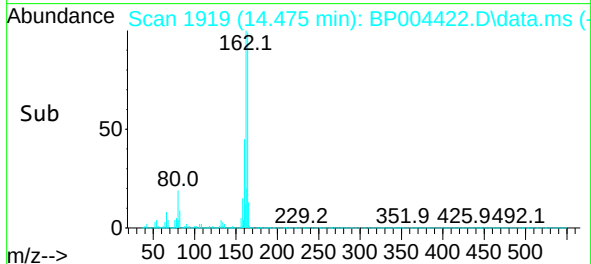
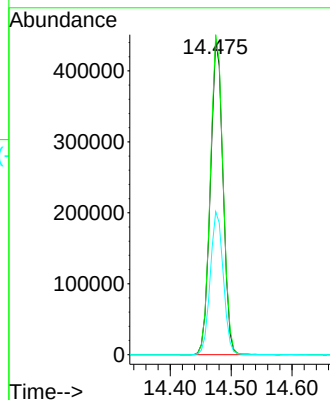
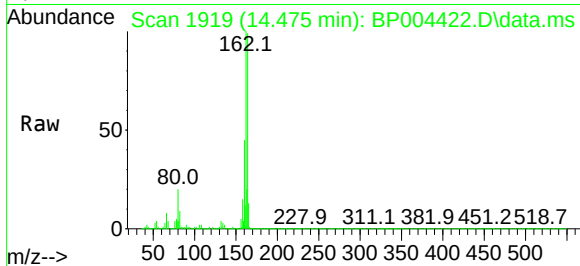




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.475 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

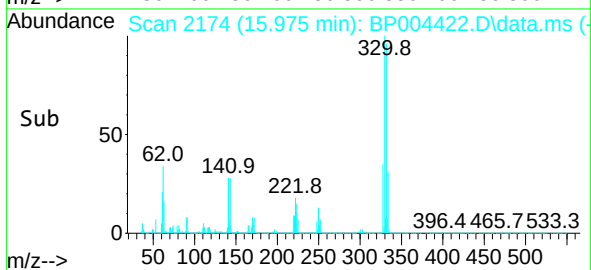
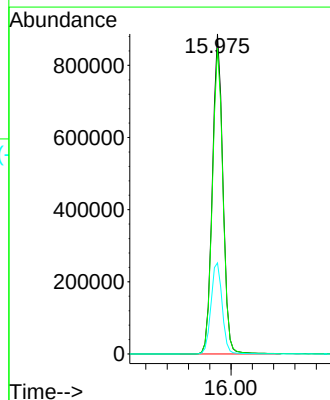
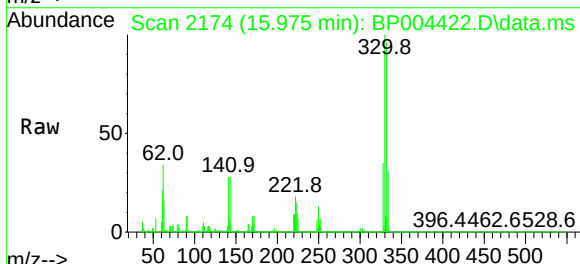
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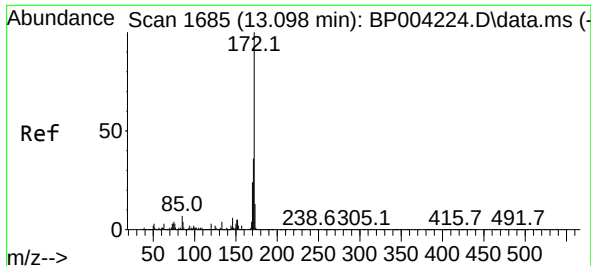
Tgt Ion:164 Resp: 640670
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 45.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 142.48 ng
RT: 15.975 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:330 Resp: 1217959
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 30.2 23.4 35.2

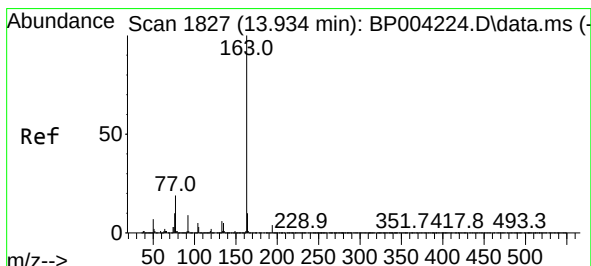
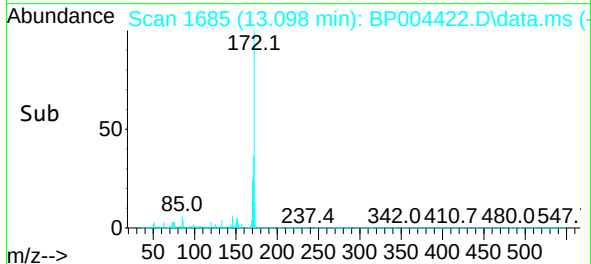
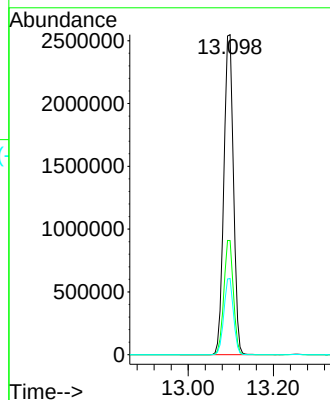
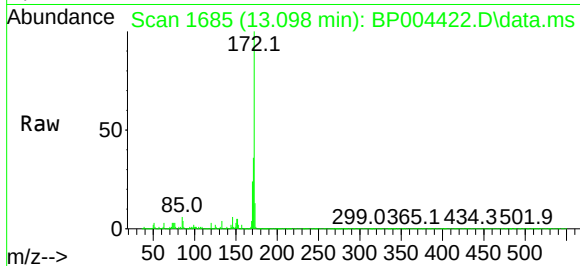




#45
2-Fluorobiphenyl
Concen: 78.88 ng
RT: 13.098 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

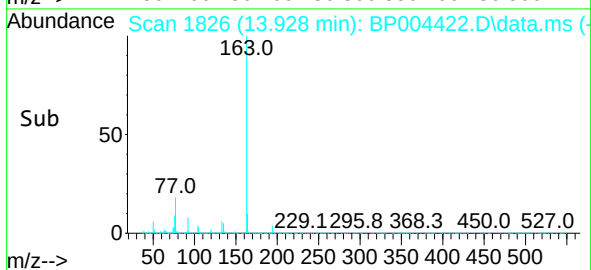
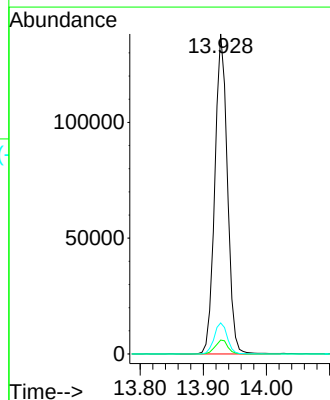
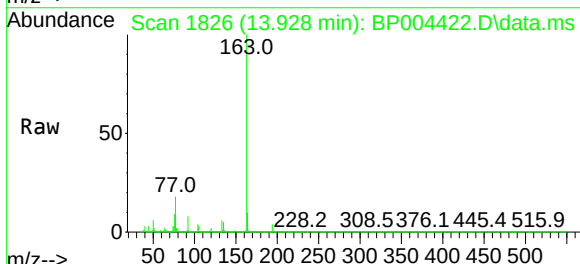
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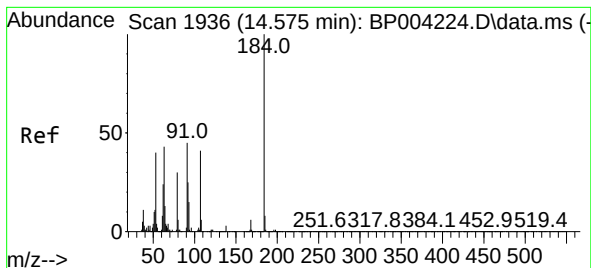
Tgt Ion:172 Resp: 3987333
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 3.62 ng
RT: 13.928 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:163 Resp: 190649
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.7 8.2 12.2

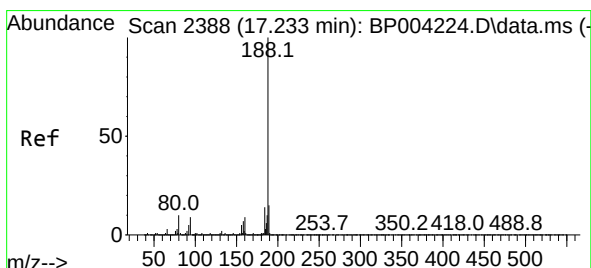
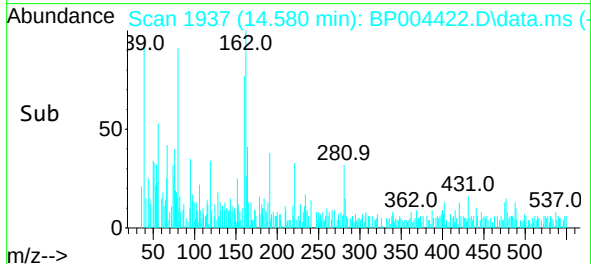
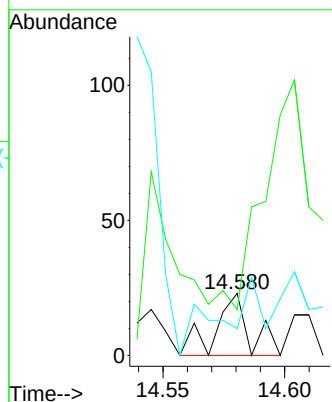
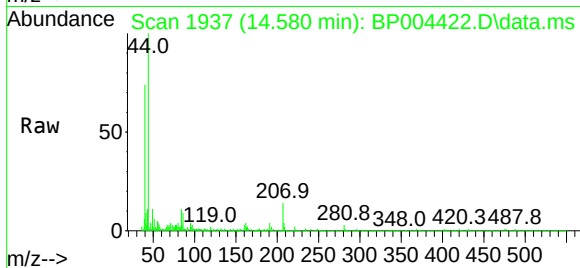




#54
2,4-Dinitrophenol
Concen: 5.28 ng
RT: 14.580 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

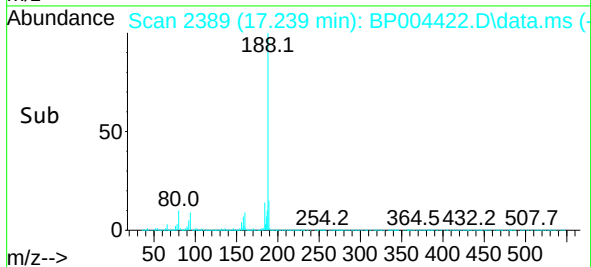
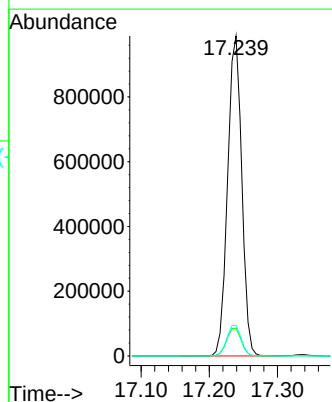
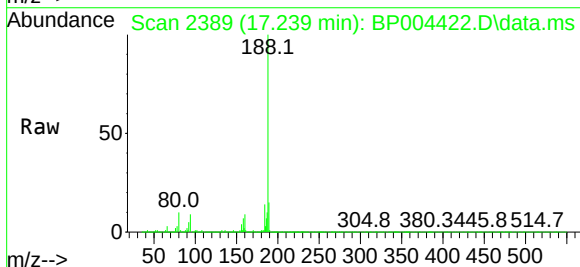
Instrument :
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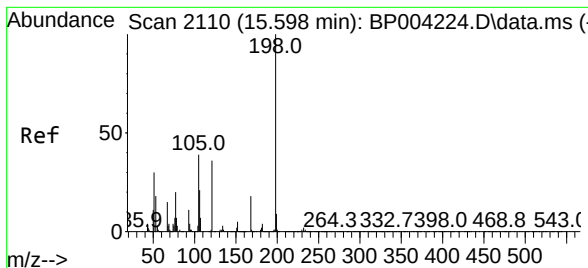
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 73.9 32.3 48.5#
154 43.5 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2389
Delta R.T. 0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:188 Resp: 1423920
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.5 6.2 9.2#

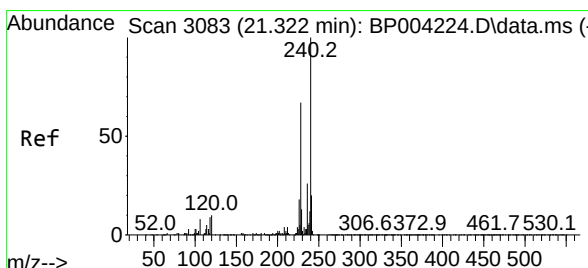
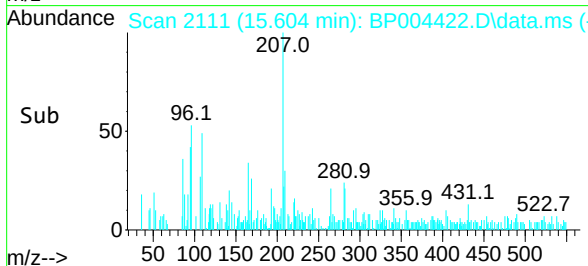
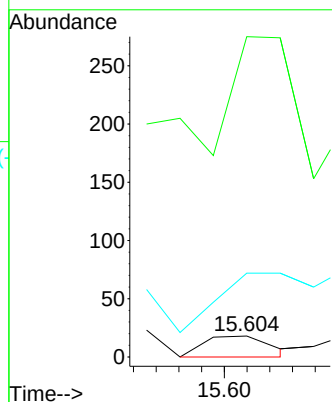
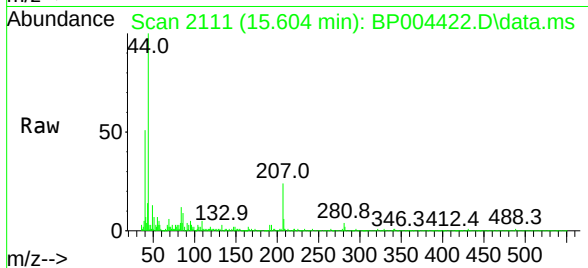




#65
4,6-Dinitro-2-methylphenol
Concen: 4.16 ng
RT: 15.604 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

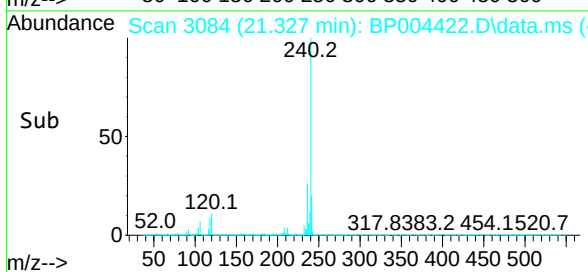
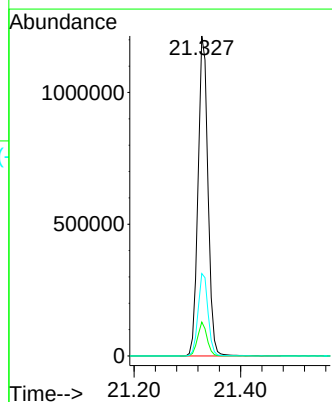
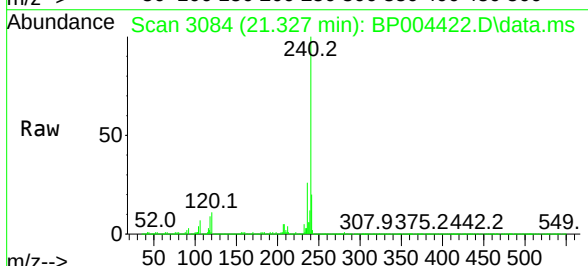
Instrument :
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ClientSampleId :
CALTANK2-20201209

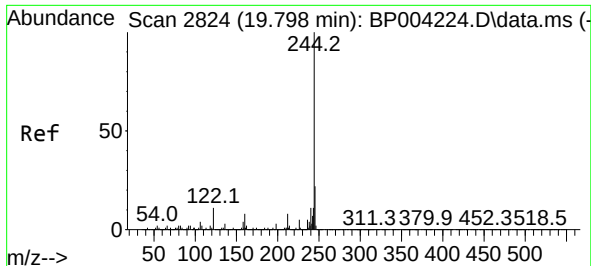
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 1527.8 6.4 46.4#
105 400.0 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.327 min Scan# 3084
Delta R.T. 0.005 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:240 Resp: 1560790
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 25.8 20.8 31.2

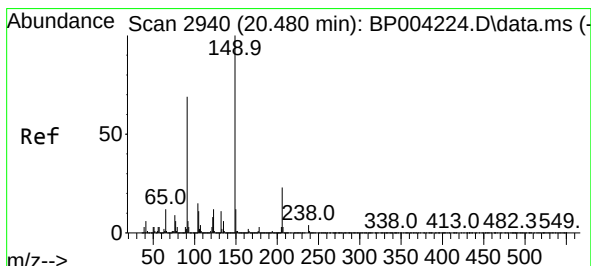
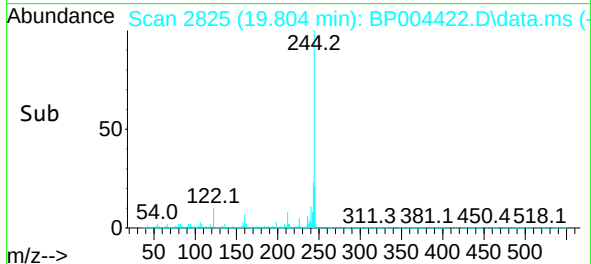
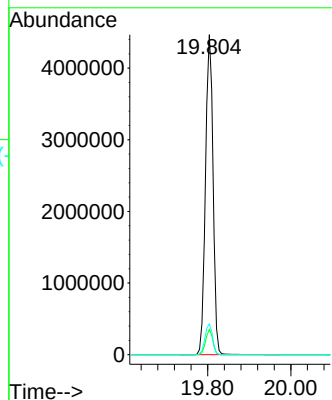
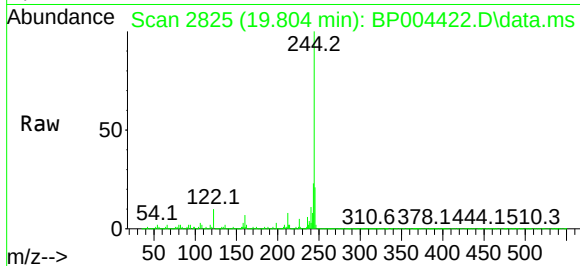




#79
 Terphenyl-d14
 Concen: 69.07 ng
 RT: 19.804 min Scan# 2825
 Delta R.T. 0.006 min
 Lab File: BP004422.D
 Acq: 23 Dec 2020 13:59

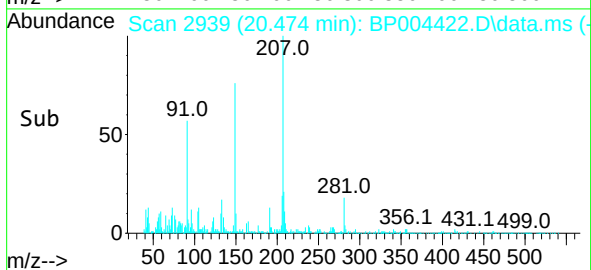
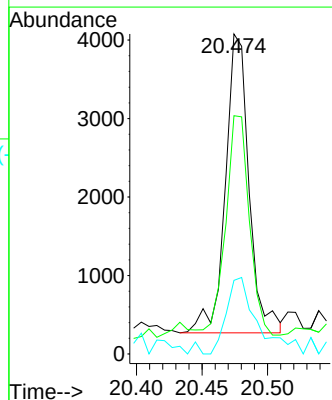
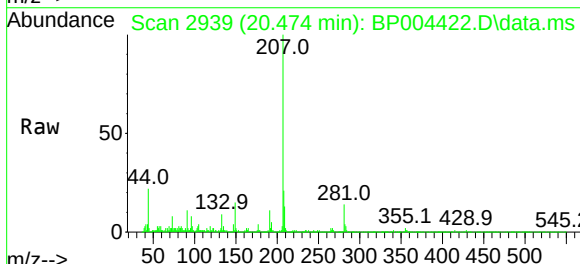
Instrument :
 BNA_P
 ClientSampleId :
 CALTANK2-20201209

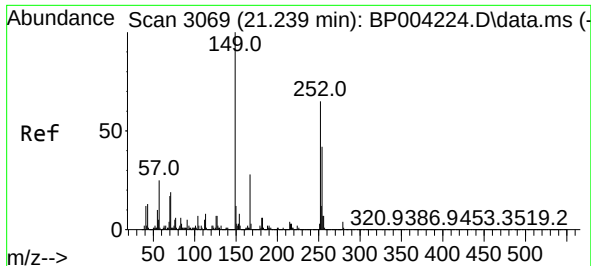
Tgt Ion:244 Resp: 5625254
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.6
 122 9.6 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 3.67 ng
 RT: 20.474 min Scan# 2939
 Delta R.T. -0.006 min
 Lab File: BP004422.D
 Acq: 23 Dec 2020 13:59

Tgt Ion:149 Resp: 4779
 Ion Ratio Lower Upper
 149 100
 91 74.4 45.4 68.0#
 206 23.0 17.1 25.7

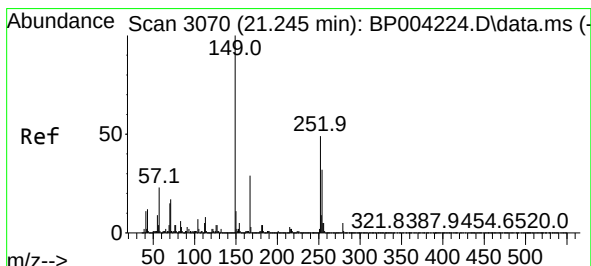
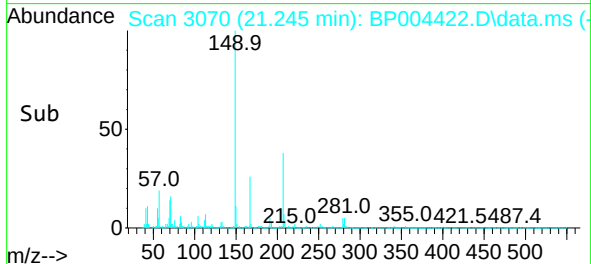
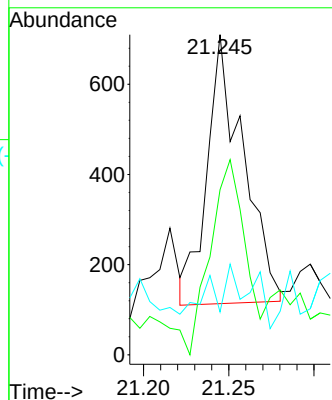
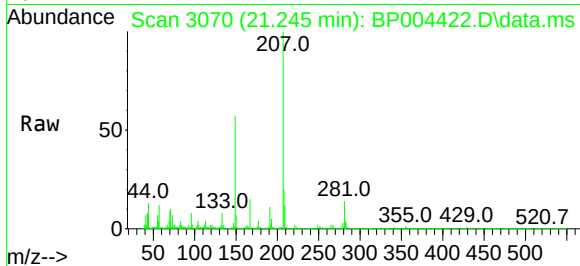




#82
3,3'-Dichlorobenzidine
Concen: 3.15 ng
RT: 21.245 min Scan# 3070
Delta R.T. 0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

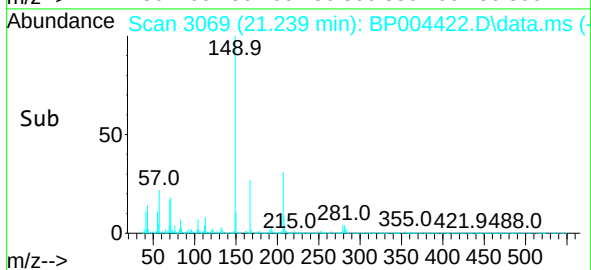
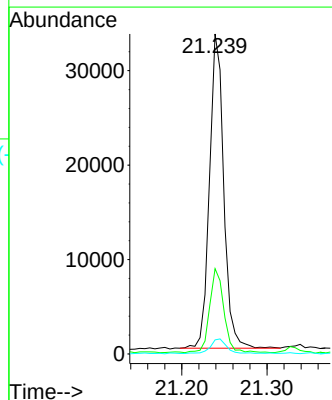
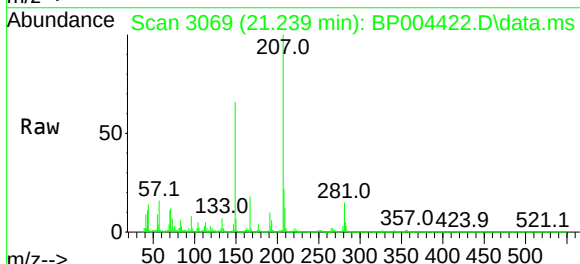
Instrument :
BNA_P
ClientSampleId :
CALTANK2-20201209

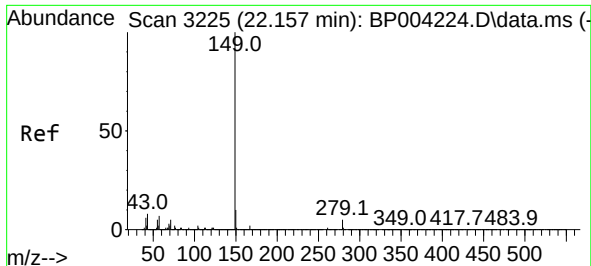
Tgt Ion:252 Resp: 878
Ion Ratio Lower Upper
252 100
254 51.5 51.0 76.4
126 13.4 7.9 11.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.99 ng
RT: 21.239 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:149 Resp: 38654
Ion Ratio Lower Upper
149 100
167 26.7 22.6 34.0
279 4.4 4.2 6.2

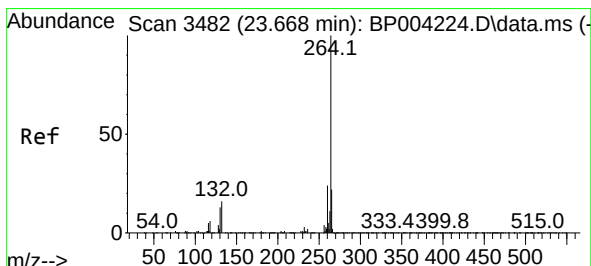
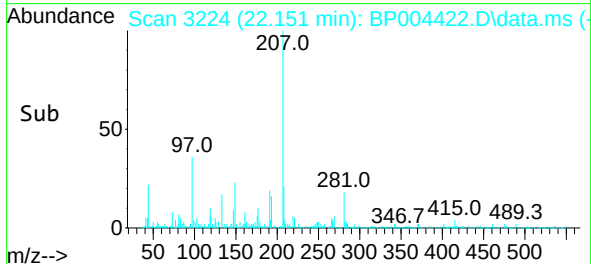
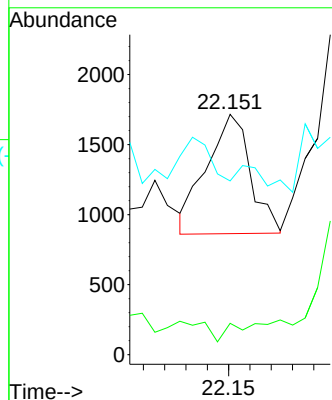
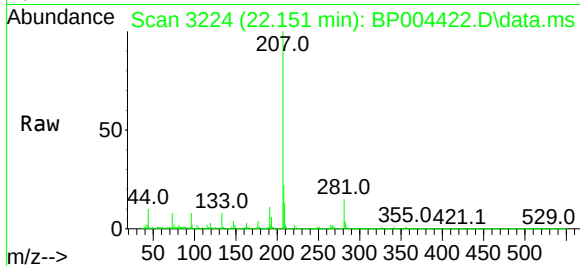




#85
Di-n-octyl phthalate
Concen: 4.51 ng
RT: 22.151 min Scan# 3224
Delta R.T. -0.006 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Instrument :
BNA_P
ClientSampleId :
CALTANK2-20201209

Tgt Ion:	149	Resp:	1222
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.3	1.9#
43	0.0	3.7	5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.692 min Scan# 3486
Delta R.T. 0.023 min
Lab File: BP004422.D
Acq: 23 Dec 2020 13:59

Tgt Ion:	264	Resp:	1684618
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.8	28.2
265	21.9	17.4	26.2

