

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006242.D
 Acq On : 15 Jul 2021 17:12
 Operator : CG/JU
 Sample : M3038-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-07-COMP

Quant Time: Jul 15 18:09:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 13:37:02 2021
 Response via : Initial Calibration

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

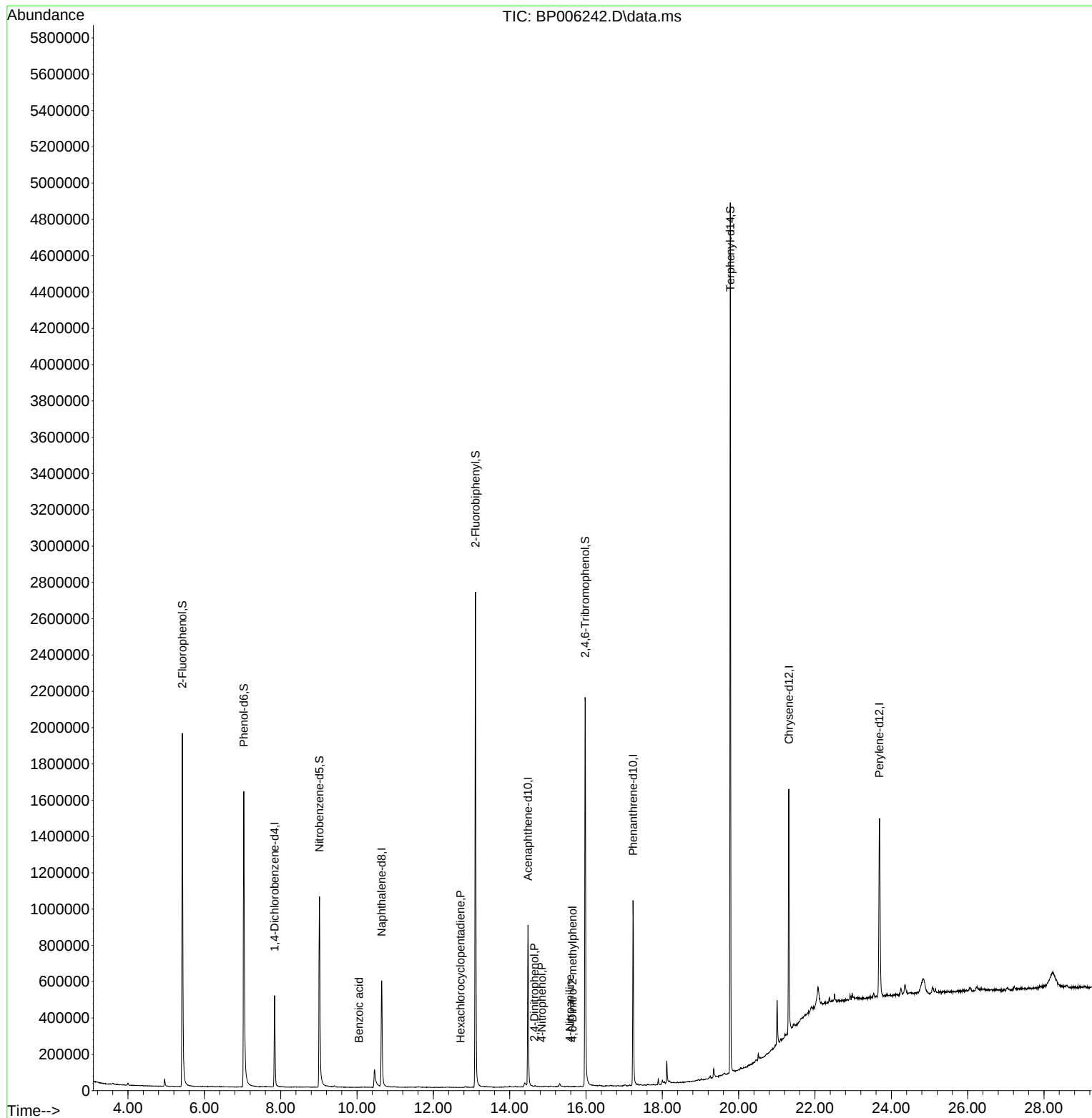
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	151812	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	605313	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	329465	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	657882	20.000	ng	# 0.00
76) Chrysene-d12	21.316	240	656011	20.000	ng	# 0.00
86) Perylene-d12	23.686	264	764717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1048801	118.871	ng	0.00
7) Phenol-d6	7.034	99	1259871	107.954	ng	0.00
23) Nitrobenzene-d5	9.016	82	718667	74.994	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	455317	116.079	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1470451	65.981	ng	0.00
79) Terphenyl-d14	19.780	244	2030785	61.035	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.051	122	15	6.905	ng	# 1
41) Hexachlorocyclopentadiene	12.710	237	14	8.709	ng	74
54) 2,4-Dinitrophenol	14.645	184	36	8.891	ng	# 1
56) 4-Nitrophenol	14.839	139	59	7.138	ng	90
62) 4-Nitroaniline	15.581	138	79	2.972	ng	# 49
65) 4,6-Dinitro-2-methylph...	15.645	198	28	4.425	ng	# 1

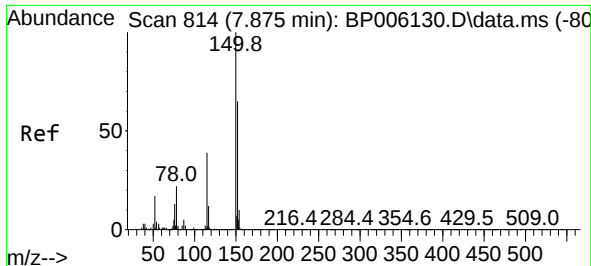
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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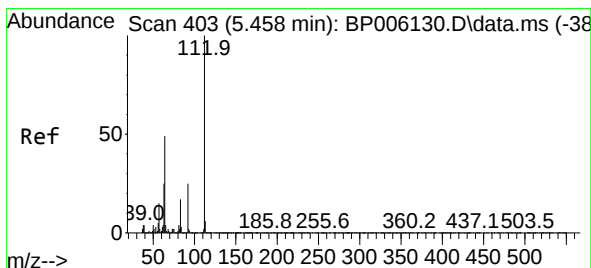
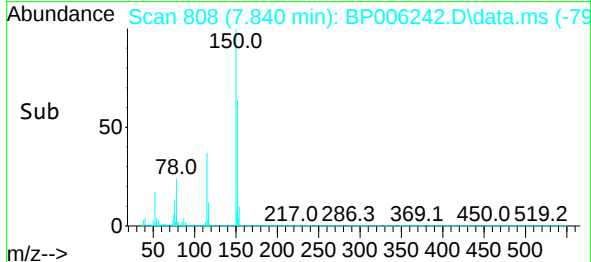
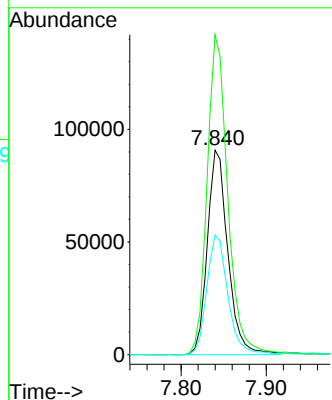
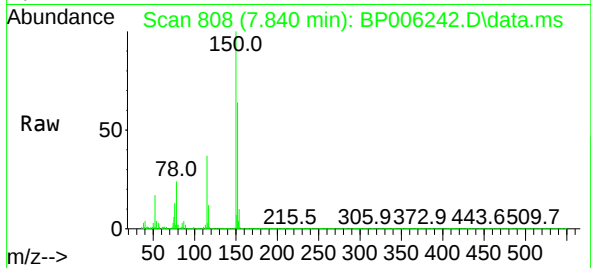




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

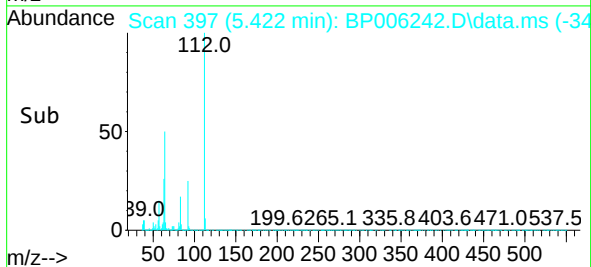
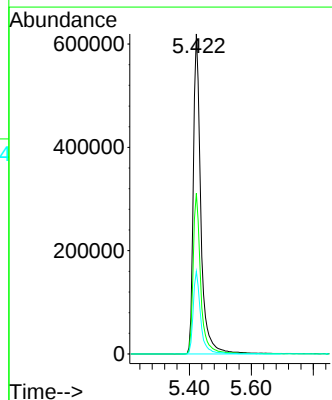
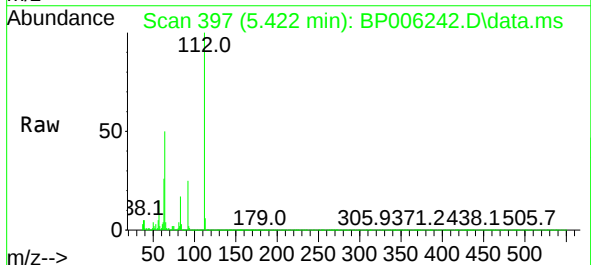
Instrument :
BNA_P
ClientSampleId :
SB-07-COMP

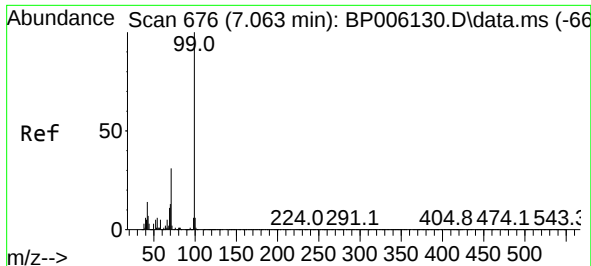
Tgt Ion:152 Resp: 151812
Ion Ratio Lower Upper
152 100
150 156.5 125.6 188.4
115 58.5 48.5 72.7



#5
2-Fluorophenol
Concen: 118.871 ng
RT: 5.422 min Scan# 397
Delta R.T. -0.000 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion:112 Resp: 1048801
Ion Ratio Lower Upper
112 100
64 50.2 41.4 62.2
63 25.8 23.8 35.8



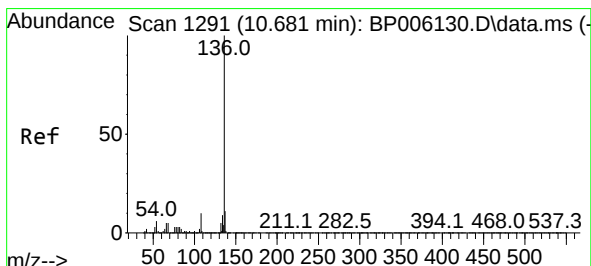
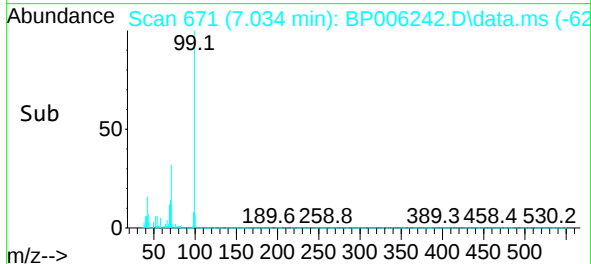
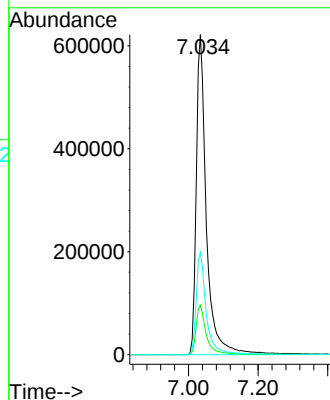
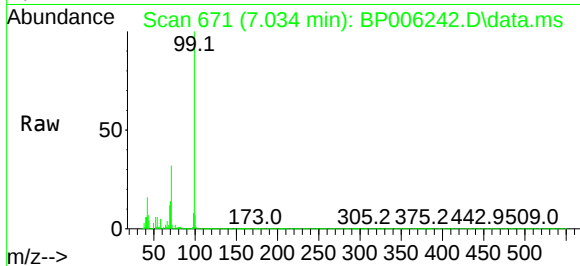


#7
Phenol-d6
Concen: 107.954 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Instrument :
BNA_P
ClientSampleId :
SB-07-COMP

Tgt Ion: 99 Resp: 1259871

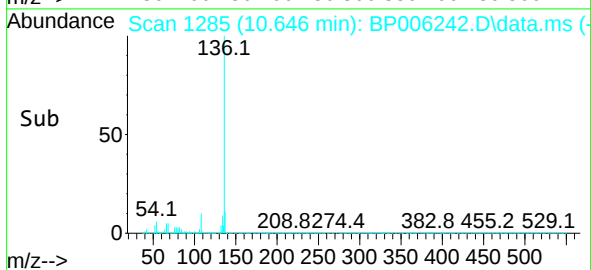
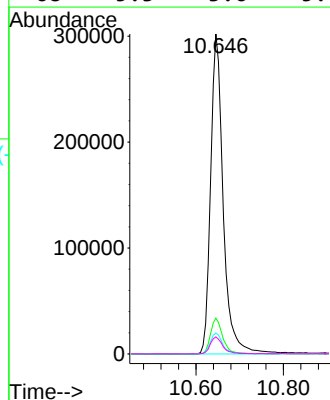
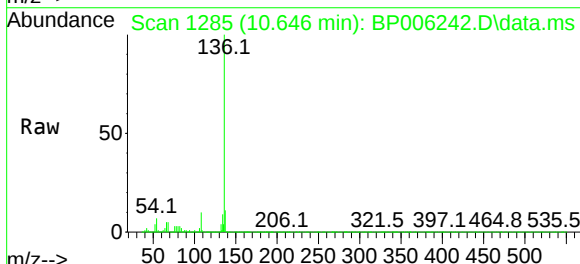
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.0
71	32.0	30.6	46.0

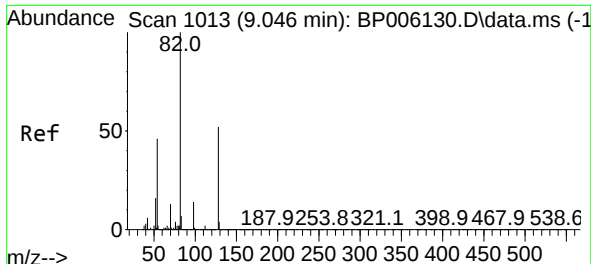


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 136 Resp: 605313

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.5	4.6	6.8
68	5.3	3.6	5.4

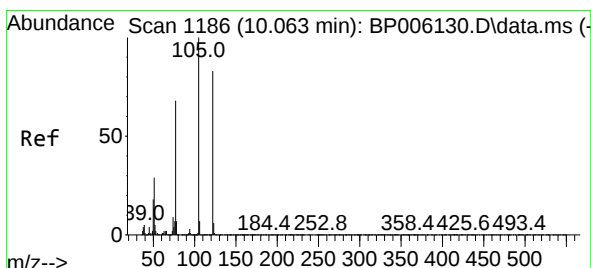
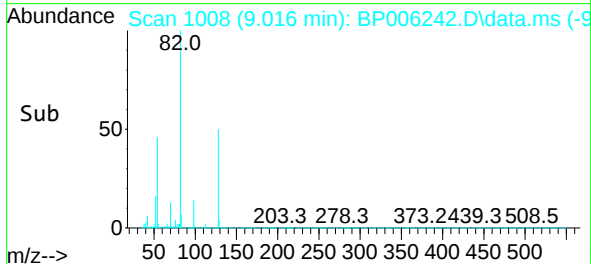
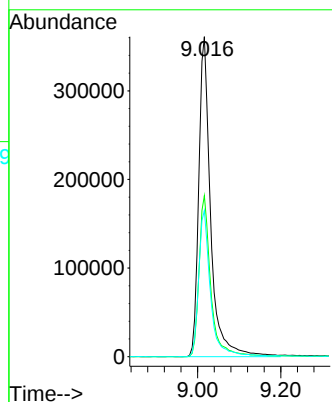
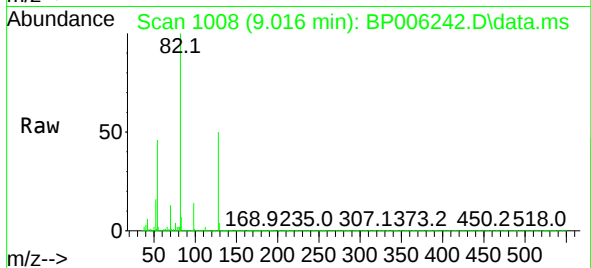




#23
Nitrobenzene-d5
Concen: 74.994 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

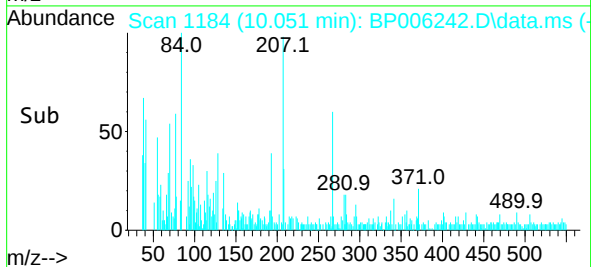
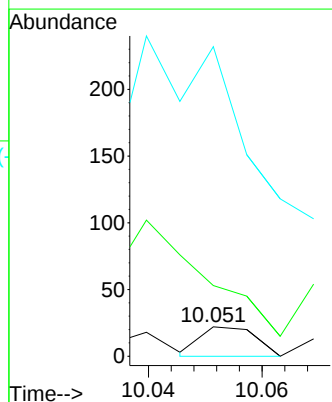
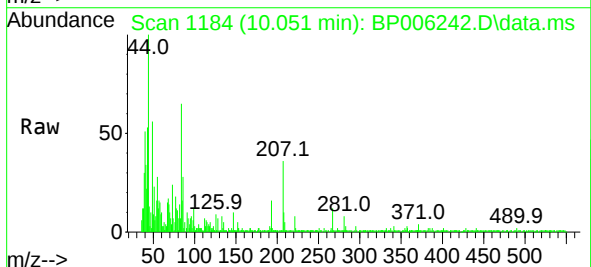
Instrument :
BNA_P
ClientSampleId :
SB-07-COMP

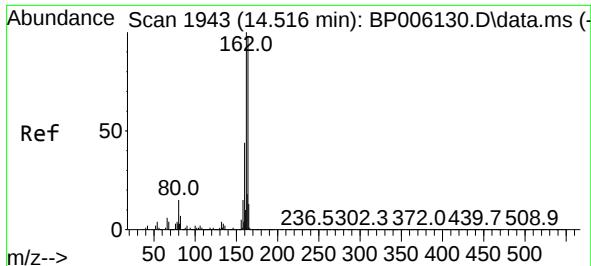
Tgt Ion: 82 Resp: 718667
Ion Ratio Lower Upper
82 100
128 50.3 35.7 53.5
54 45.7 35.0 52.4



#32
Benzoic acid
Concen: 6.905 ng
RT: 10.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion: 122 Resp: 15
Ion Ratio Lower Upper
122 100
105 240.9 103.2 143.2#
77 1054.5 76.2 116.2#

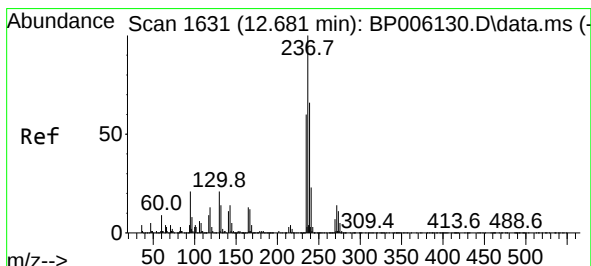
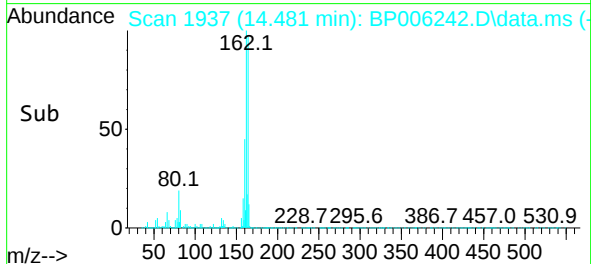
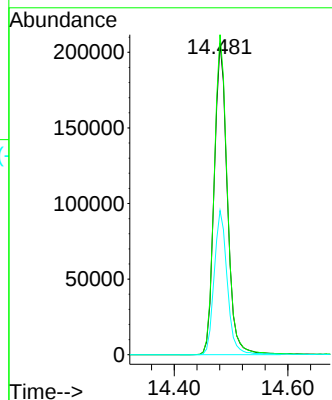
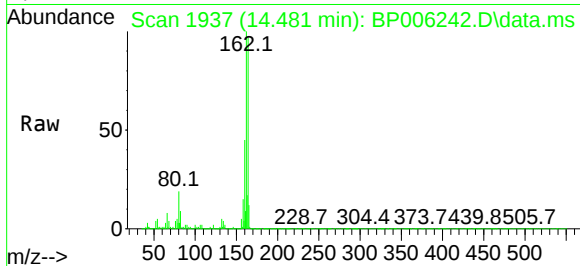




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

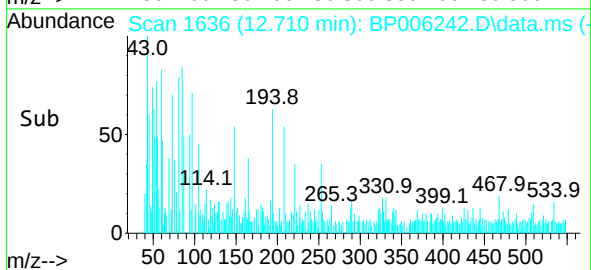
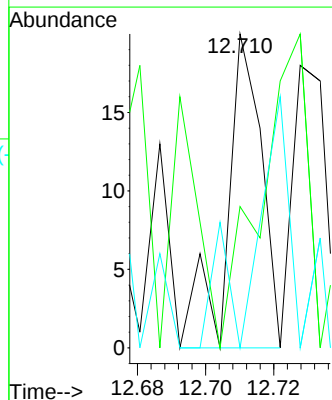
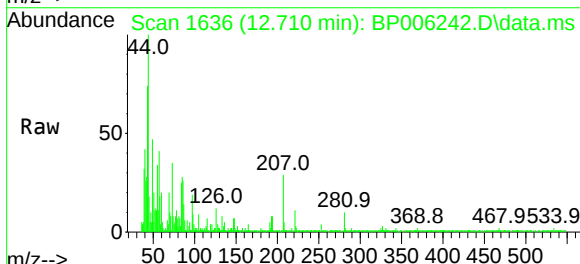
Instrument :
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ClientSampleId :
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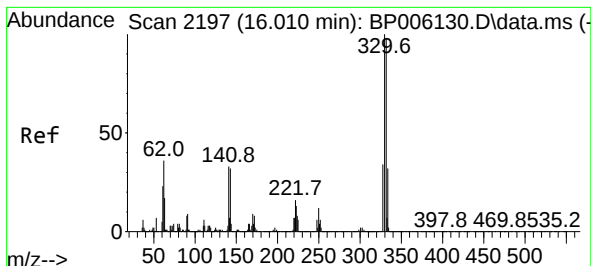
Tgt Ion:164 Resp: 329465
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 46.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.709 ng
RT: 12.710 min Scan# 1636
Delta R.T. 0.065 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 45.0 44.5 84.5
272 0.0 0.0 32.5

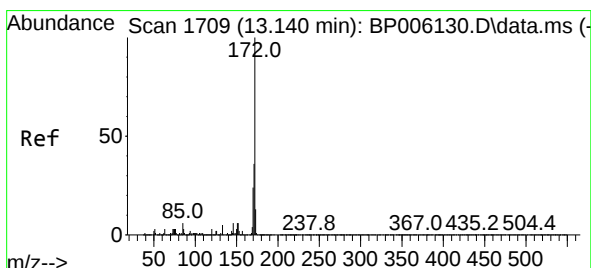
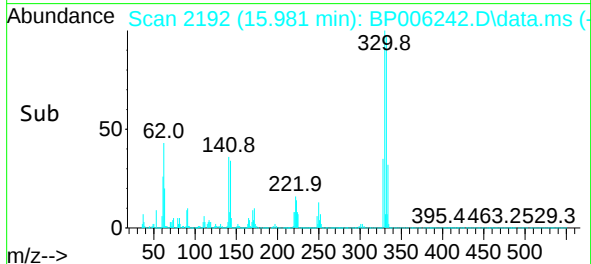
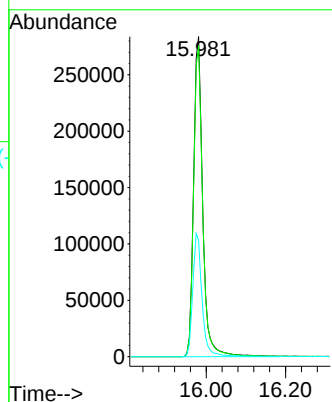
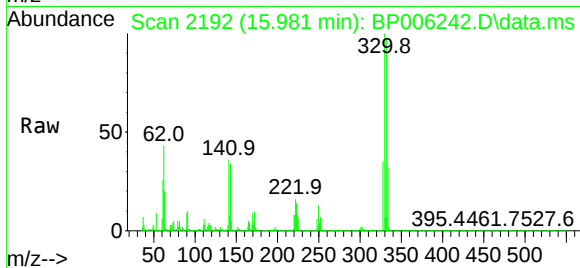




#42
2,4,6-Tribromophenol
Concen: 116.079 ng
RT: 15.981 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

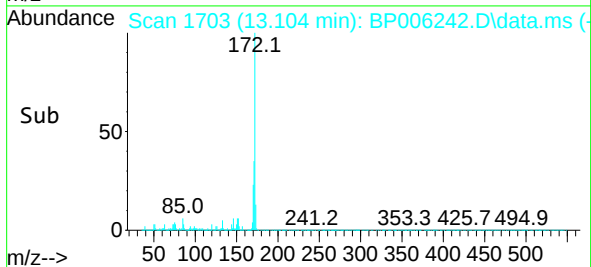
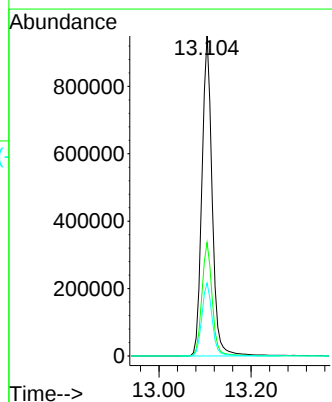
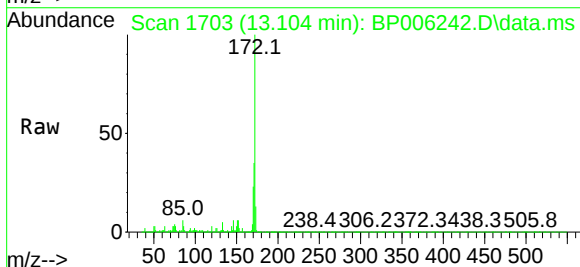
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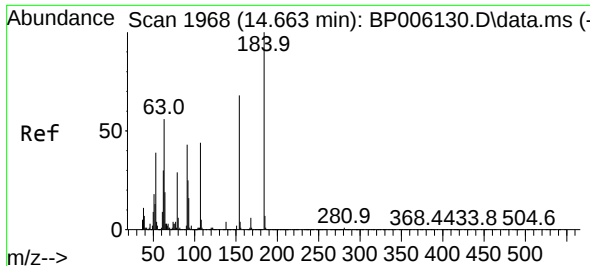
Tgt Ion:330 Resp: 455317
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 39.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 65.981 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion:172 Resp: 1470451
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.8 18.6 27.8

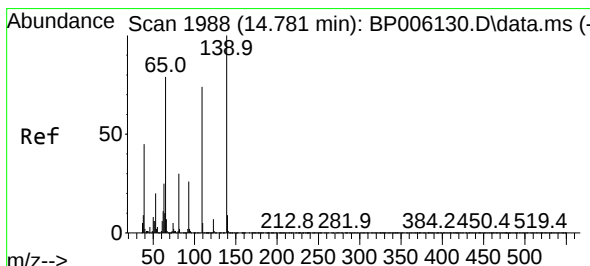
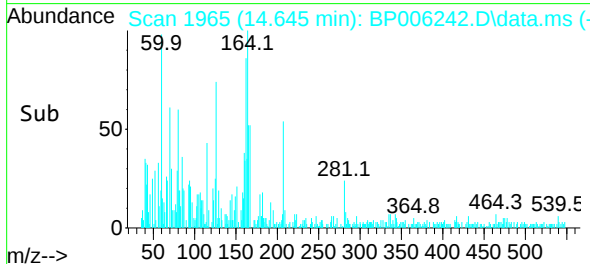
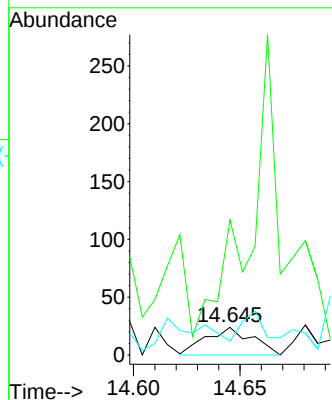
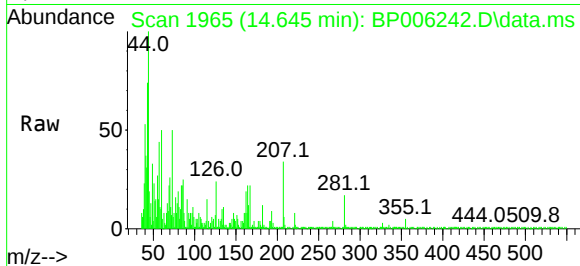




#54
2,4-Dinitrophenol
Concen: 8.891 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

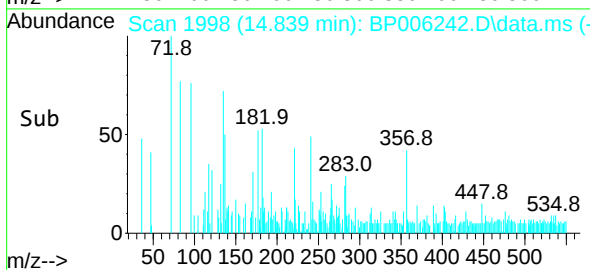
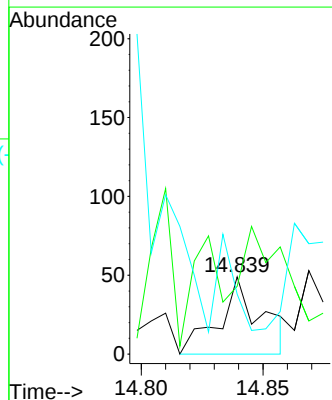
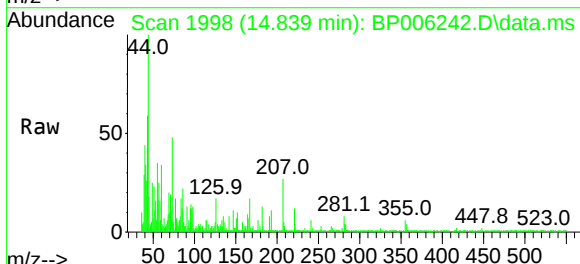
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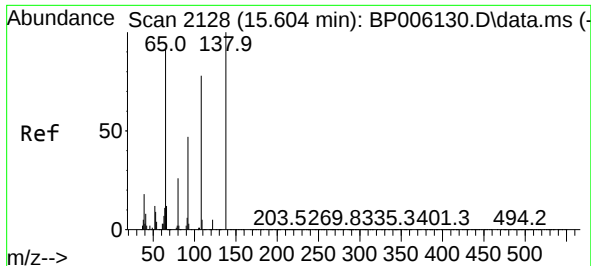
Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 487.5 47.0 70.6#
154 50.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.138 ng
RT: 14.839 min Scan# 1998
Delta R.T. 0.065 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 87.8 72.3 112.3
65 77.6 72.5 112.5

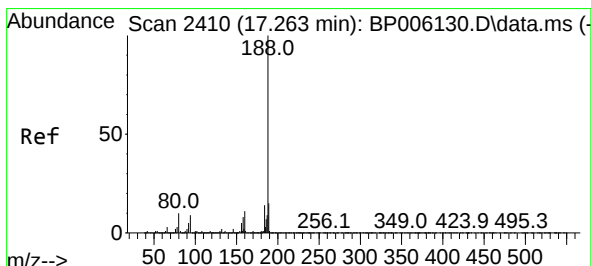
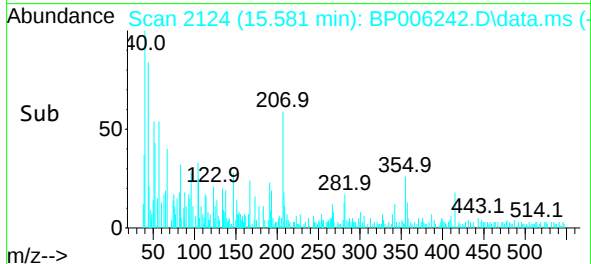
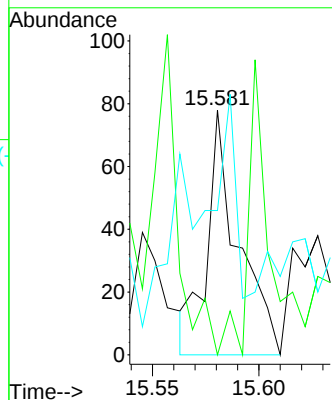
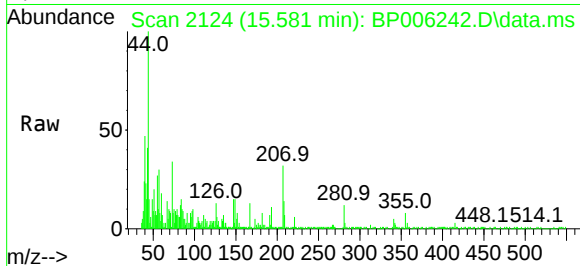




#62
4-Nitroaniline
Concen: 2.972 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

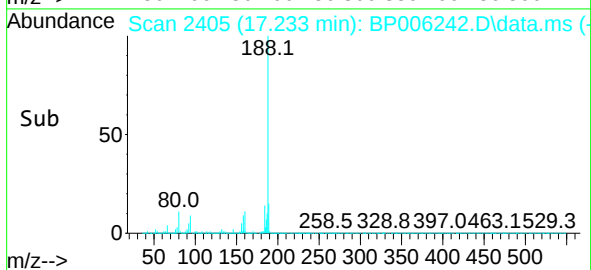
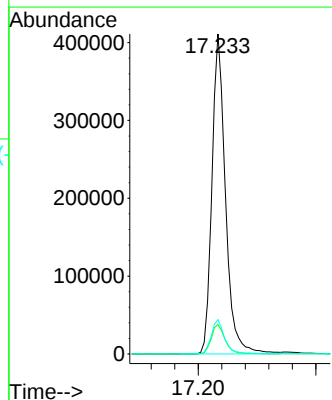
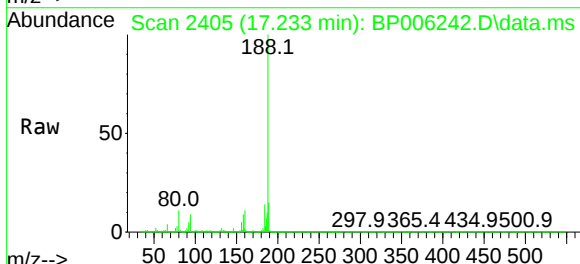
Instrument :
BNA_P
ClientSampleId :
SB-07-COMP

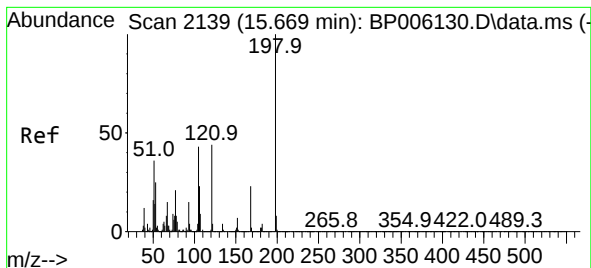
Tgt Ion:138 Resp: 79
Ion Ratio Lower Upper
138 100
92 0.0 31.2 71.2#
108 59.0 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion:188 Resp: 657882
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 10.7 6.3 9.5#

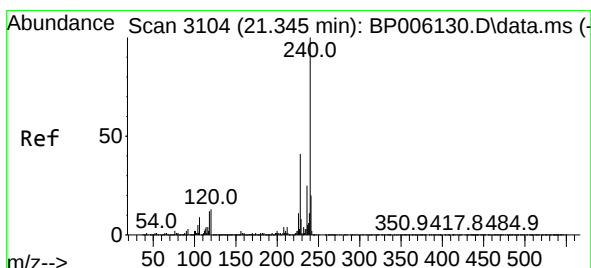
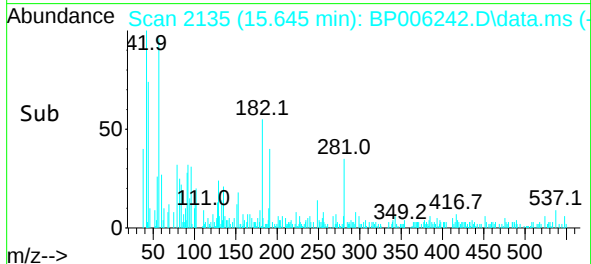
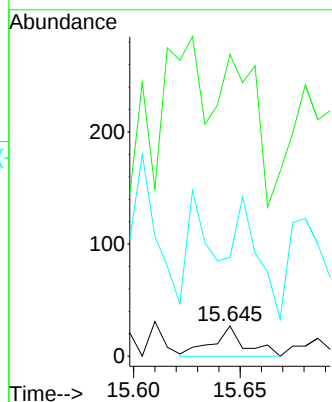
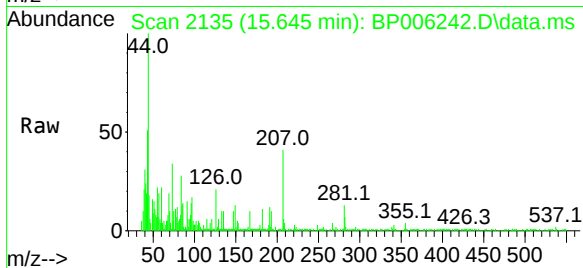




#65
4,6-Dinitro-2-methylphenol
Concen: 4.425 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

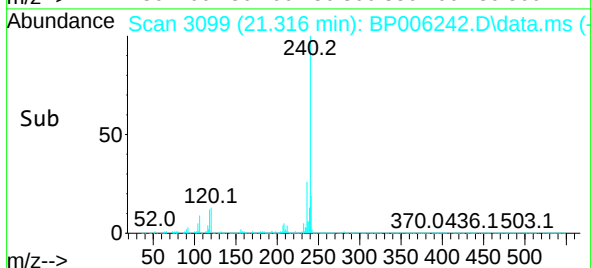
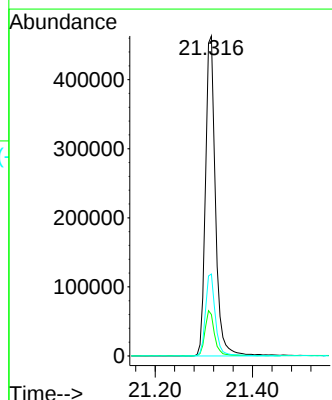
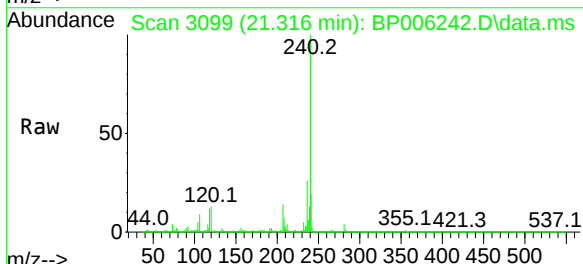
Instrument :
BNA_P
ClientSampleId :
SB-07-COMP

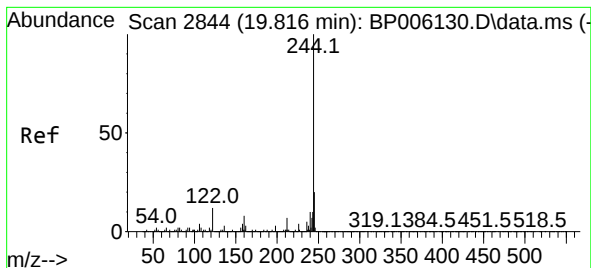
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 996.3 14.0 54.0#
105 325.9 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. 0.006 min
Lab File: BP006242.D
Acq: 15 Jul 2021 17:12

Tgt Ion:240 Resp: 656011
Ion Ratio Lower Upper
240 100
120 12.9 6.5 9.7#
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 61.035 ng

RT: 19.780 min Scan# 2838

Delta R.T. -0.000 min

Lab File: BP006242.D

Acq: 15 Jul 2021 17:12

Instrument :

BNA_P

ClientSampleId :

SB-07-COMP

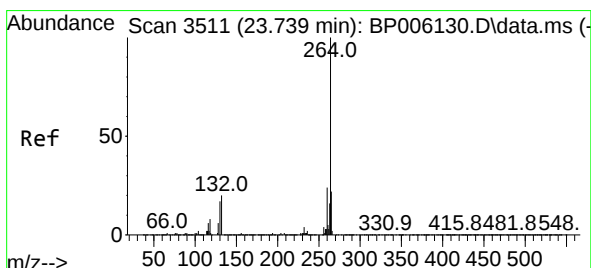
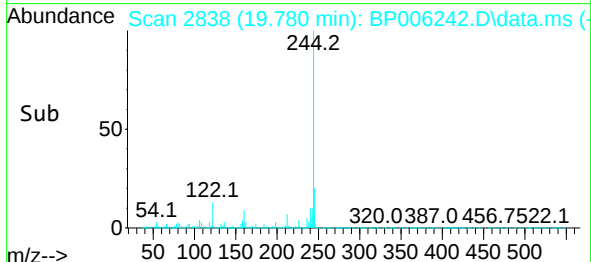
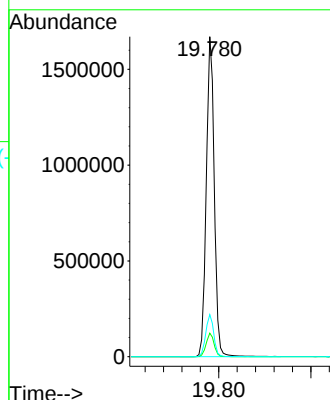
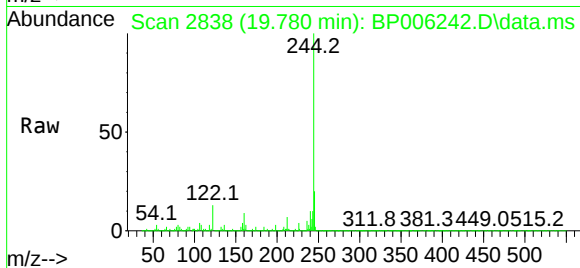
Tgt Ion:244 Resp: 2030785

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.2 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3502

Delta R.T. -0.006 min

Lab File: BP006242.D

Acq: 15 Jul 2021 17:12

Tgt Ion:264 Resp: 764717

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.7 17.6 26.4

