

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009064.D
 Acq On : 08 Feb 2022 18:18
 Operator : CG/JU
 Sample : N1419-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GRIT-STOCKPILE

Quant Time: Feb 09 00:27:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

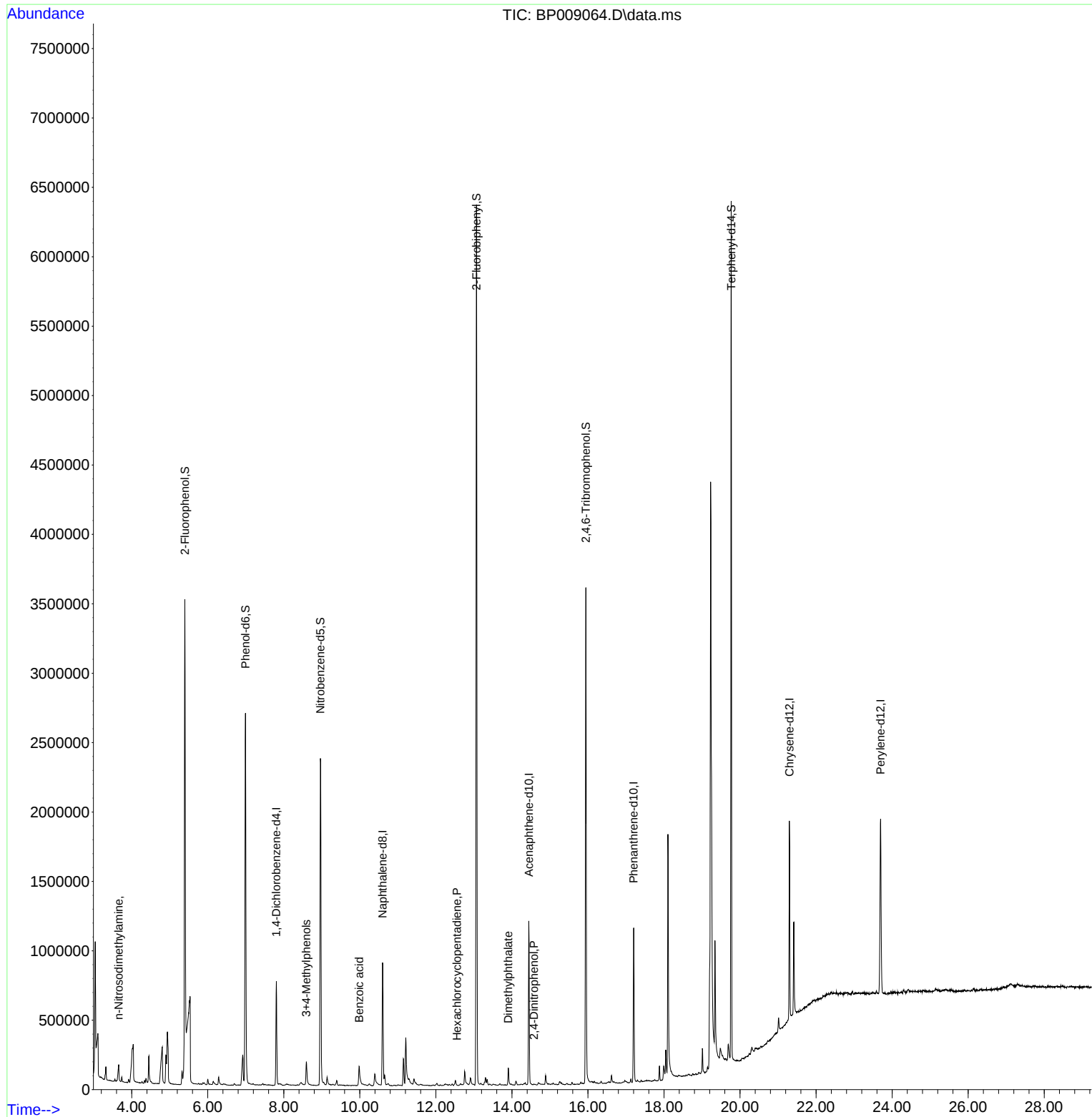
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	219173	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	805451	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	432151	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	709041	20.000	ng	0.00
76) Chrysene-d12	21.298	240	695369	20.000	ng	0.00
86) Perylene-d12	23.698	264	973466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1532697	124.743	ng	0.00
7) Phenol-d6	6.993	99	1669564	103.124	ng	0.00
23) Nitrobenzene-d5	8.963	82	1483158	103.843	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	751190	130.189	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3444196	111.570	ng	0.00
79) Terphenyl-d14	19.769	244	2960761	76.570	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.658	42	10022	2.213	ng	# 1
20) 3+4-Methylphenols	8.593	107	101918	6.824	ng	92
32) Benzoic acid	9.987	122	1514	2.893	ng	# 70
41) Hexachlorocyclopentadiene	12.557	237	30	8.661	ng	84
50) Dimethylphthalate	13.904	163	96173	3.122	ng	99
54) 2,4-Dinitrophenol	14.581	184	60	2.189	ng	# 1

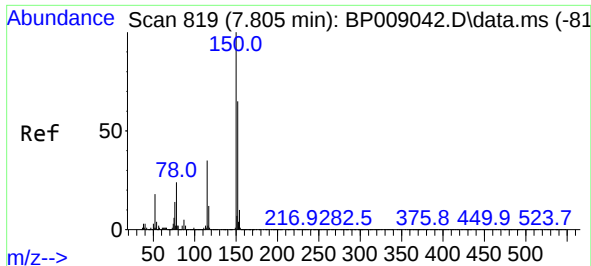
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

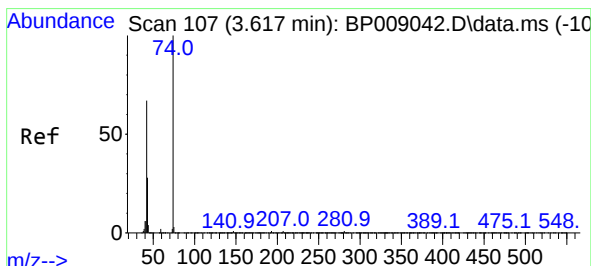
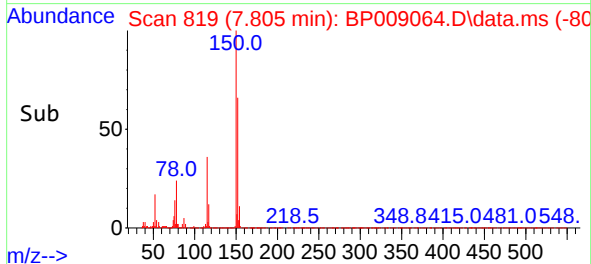
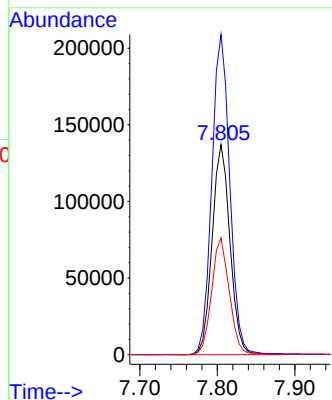
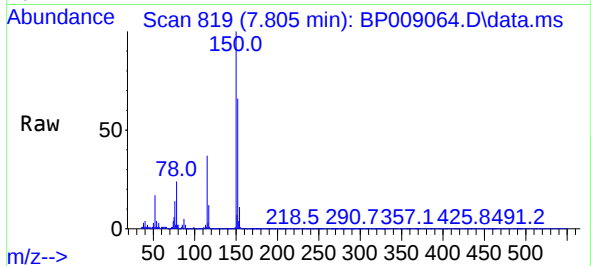




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

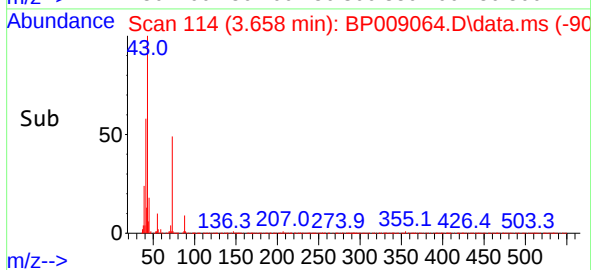
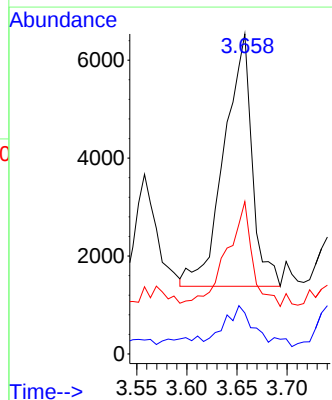
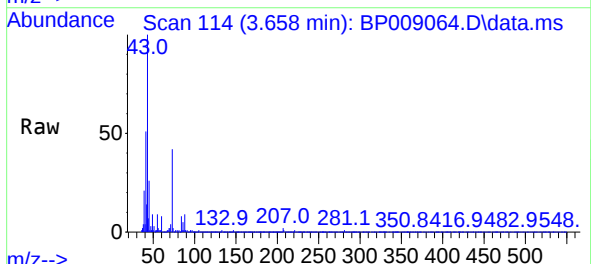
Instrument :
BNA_P
ClientSampleId :
GRIT-STOCKPILE

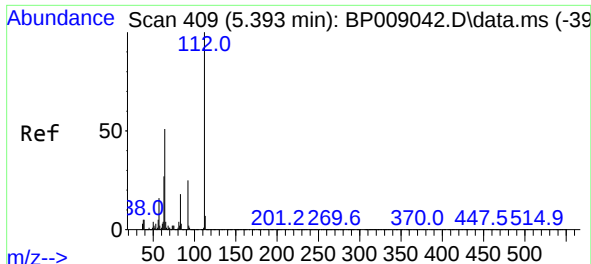
Tgt Ion:152 Resp: 219173
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 55.6 43.7 65.5



#4
n-Nitrosodimethylamine
Concen: 2.213 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.041 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion: 42 Resp: 10022
Ion Ratio Lower Upper
42 100
74 12.8 131.1 196.7#
44 47.6 6.2 9.2#

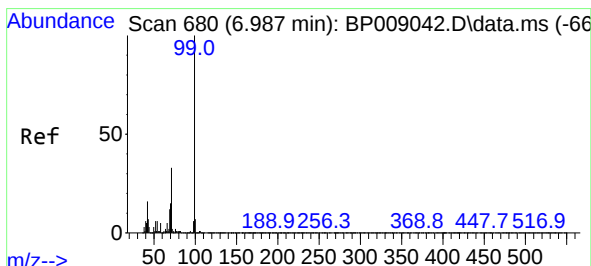
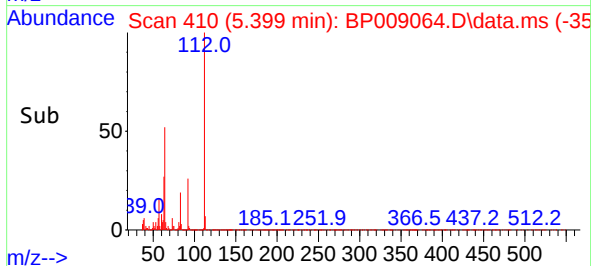
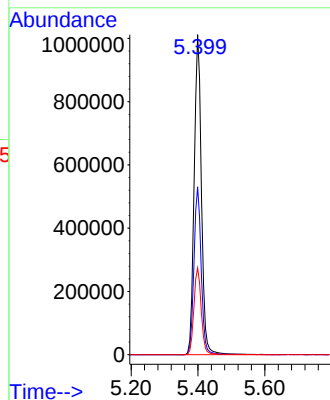
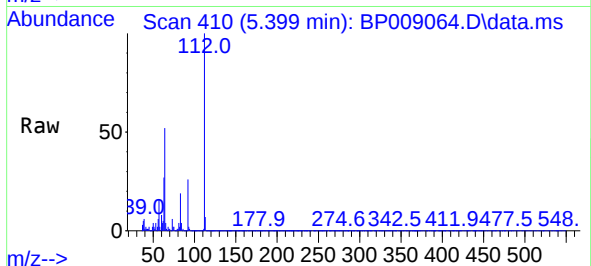




#5
2-Fluorophenol
Concen: 124.743 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

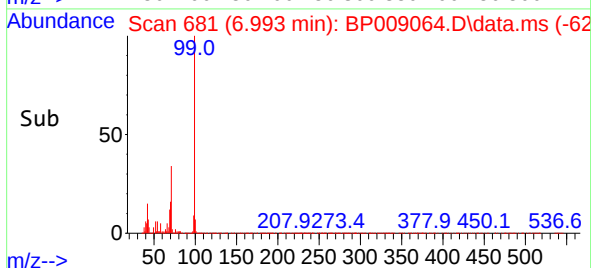
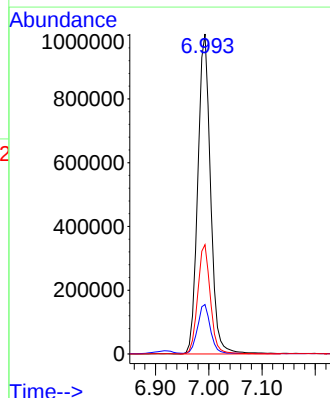
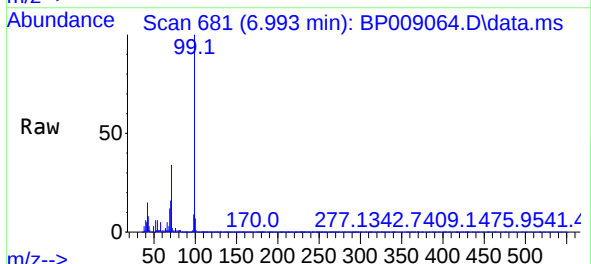
Instrument :
BNA_P
ClientSampleId :
GRIT-STOCKPILE

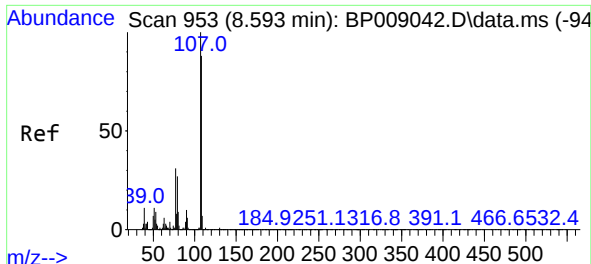
Tgt Ion:112 Resp: 1532697
Ion Ratio Lower Upper
112 100
64 52.5 39.7 59.5
63 27.1 20.0 30.0



#7
Phenol-d6
Concen: 103.124 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion: 99 Resp: 1669564
Ion Ratio Lower Upper
99 100
42 15.5 10.8 16.2
71 34.1 23.8 35.6



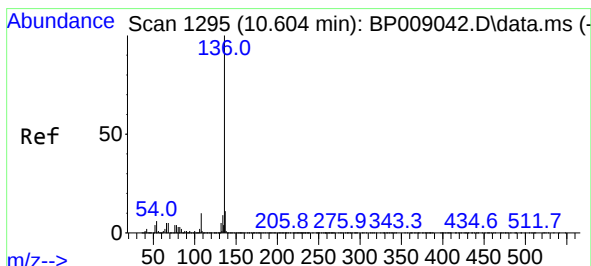
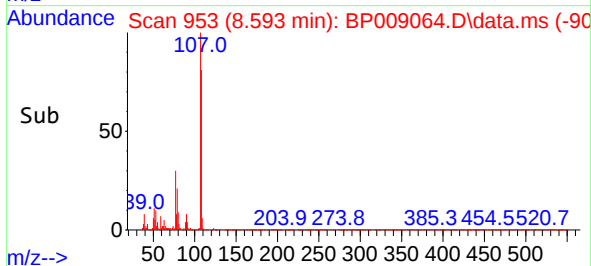
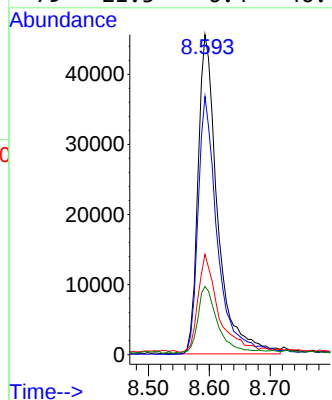
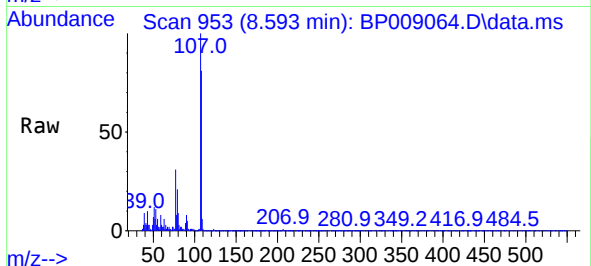


#20
3+4-Methylphenols
Concen: 6.824 ng
RT: 8.593 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Instrument :
BNA_P
ClientSampleId :
GRIT-STOCKPILE

Tgt Ion:107 Resp: 101918

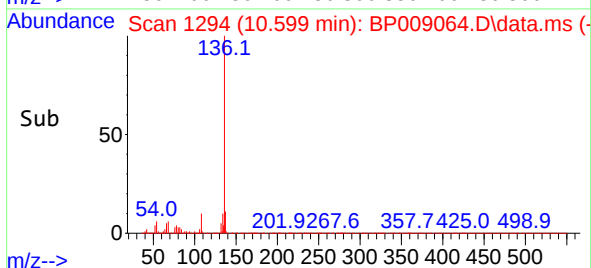
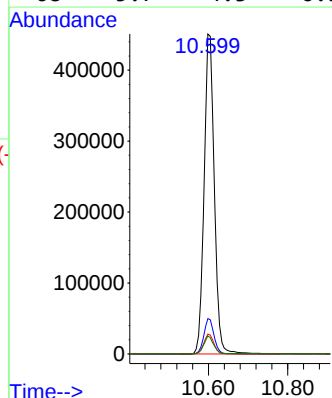
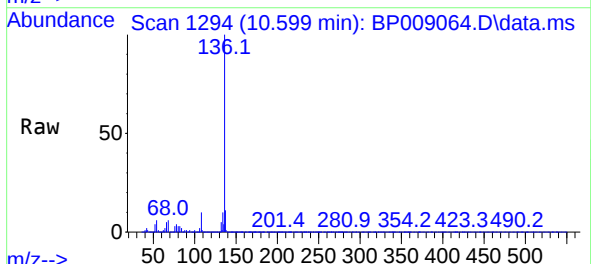
Ion	Ratio	Lower	Upper
107	100		
108	80.7	69.8	109.8
77	31.4	10.4	50.4
79	21.3	6.4	46.4

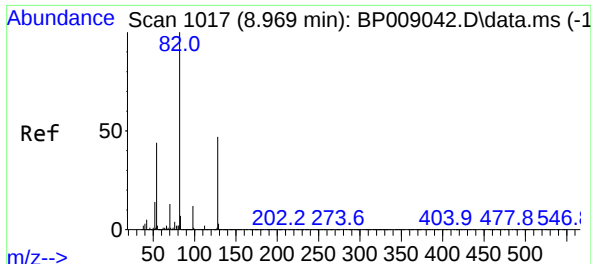


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion:136 Resp: 805451

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.2	4.9	7.3
68	5.7	4.3	6.5

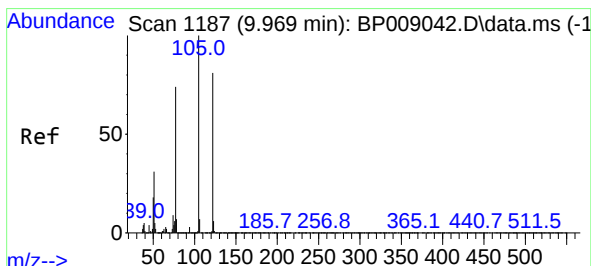
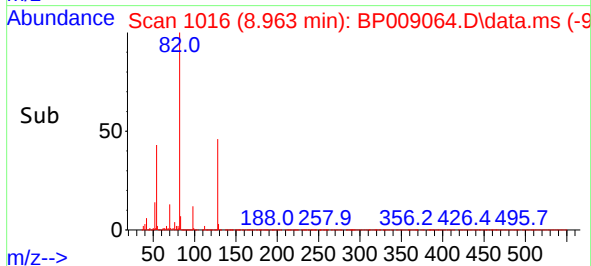
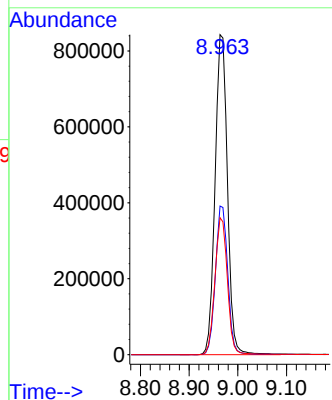
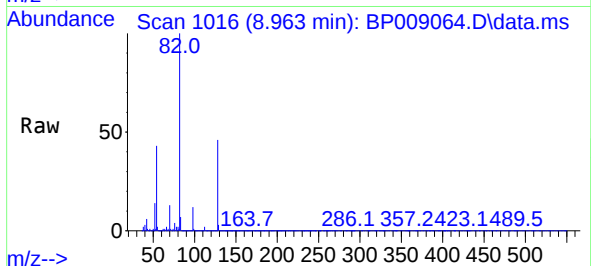




#23
Nitrobenzene-d5
Concen: 103.843 ng
RT: 8.963 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

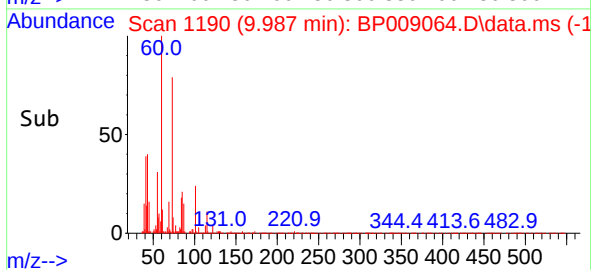
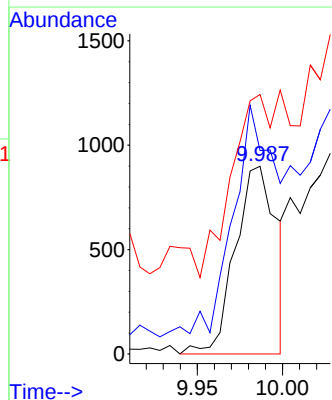
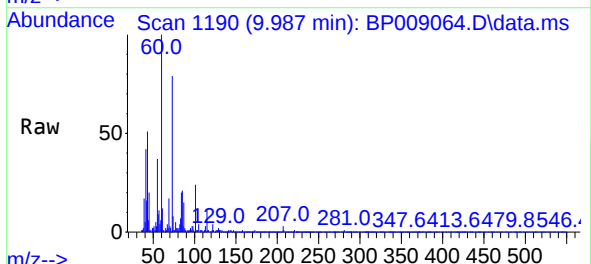
Instrument :
BNA_P
ClientSampleId :
GRIT-STOCKPILE

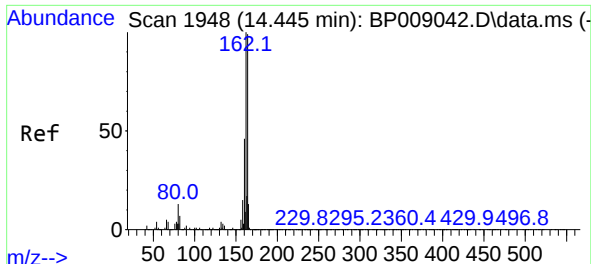
Tgt Ion: 82 Resp: 1483158
Ion Ratio Lower Upper
82 100
128 46.4 39.4 59.2
54 42.8 32.6 48.8



#32
Benzoic acid
Concen: 2.893 ng
RT: 9.987 min Scan# 1190
Delta R.T. 0.018 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion:122 Resp: 1514
Ion Ratio Lower Upper
122 100
105 108.3 100.1 140.1
77 138.3 65.5 105.5#

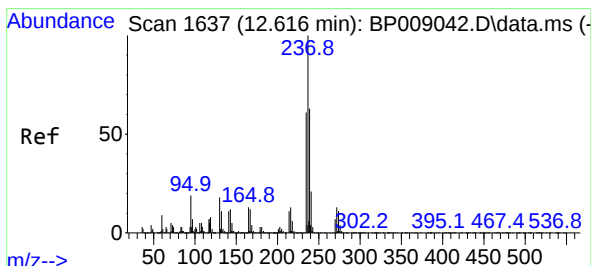
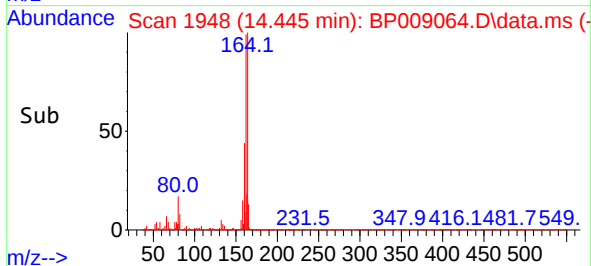
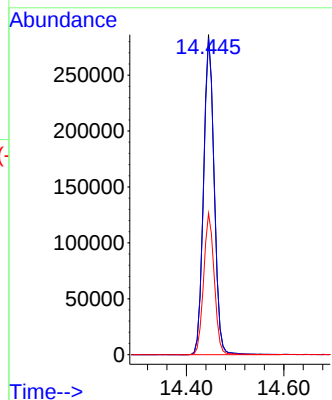
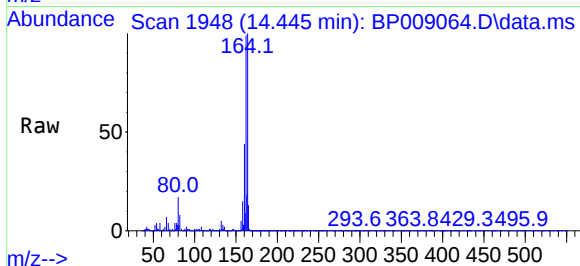




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

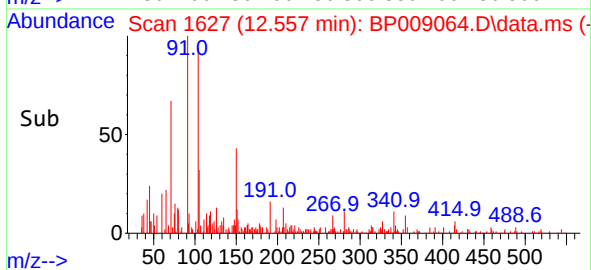
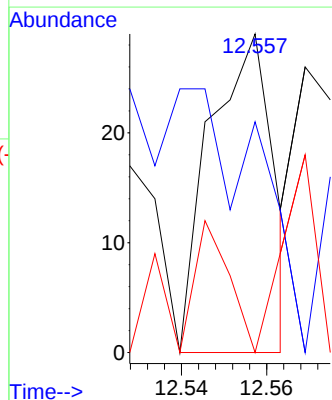
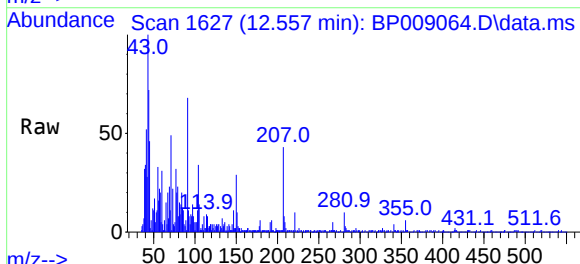
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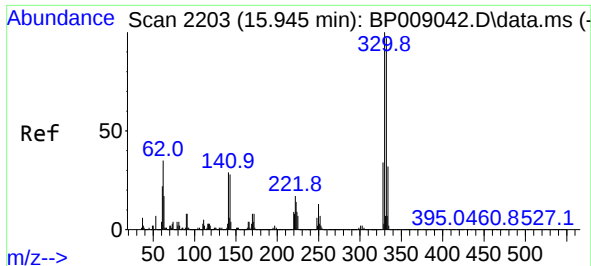
Tgt Ion:164 Resp: 432151
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 44.2 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.557 min Scan# 1627
Delta R.T. -0.059 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion:237 Resp: 30
Ion Ratio Lower Upper
237 100
235 72.4 42.9 82.9
272 0.0 0.0 33.8

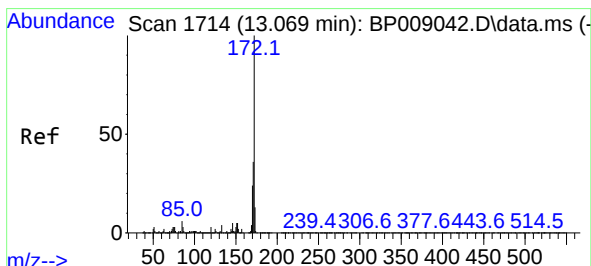
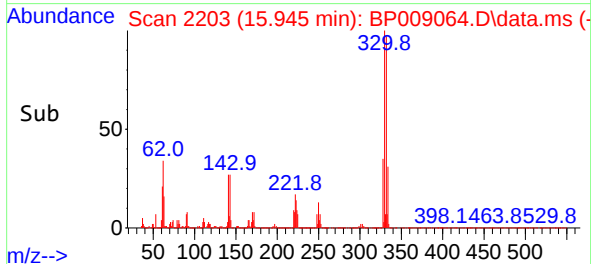
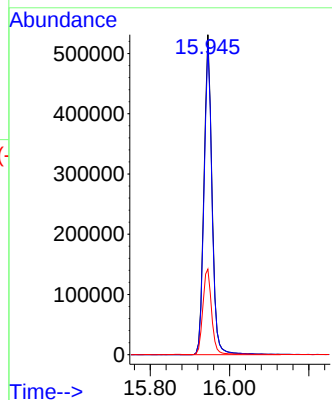
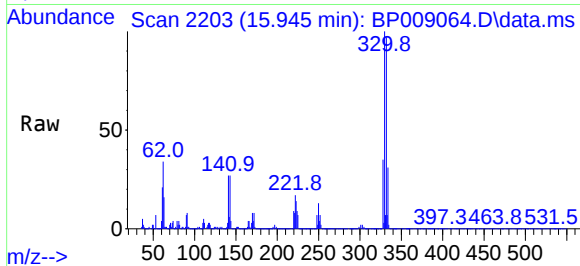




#42
2,4,6-Tribromophenol
Concen: 130.189 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

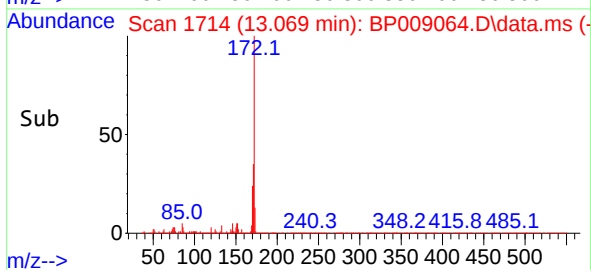
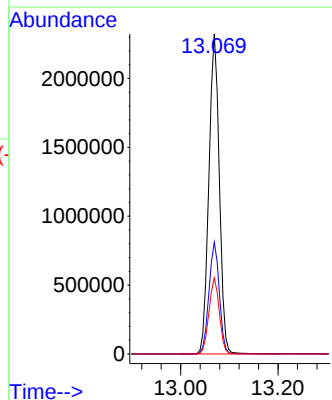
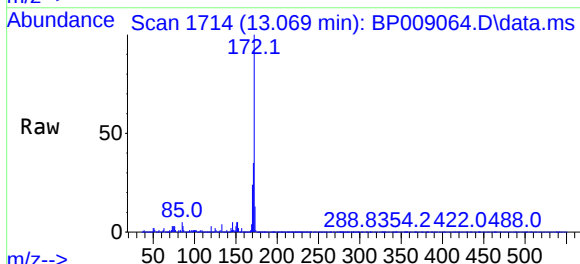
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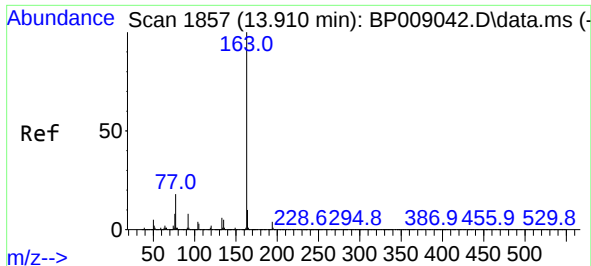
Tgt Ion:330 Resp: 751190
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 28.8 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 111.570 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion:172 Resp: 3444196
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.8 19.5 29.3

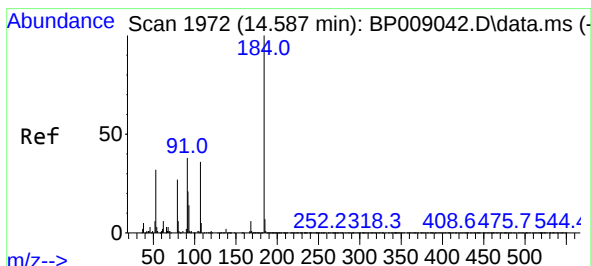
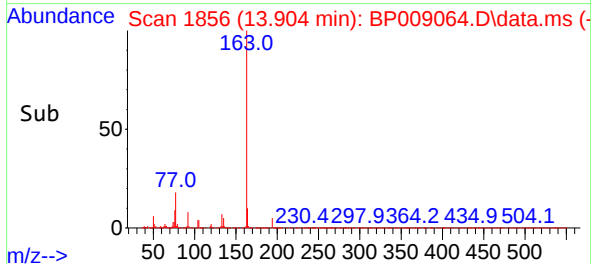
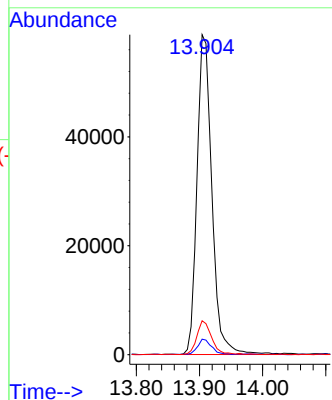
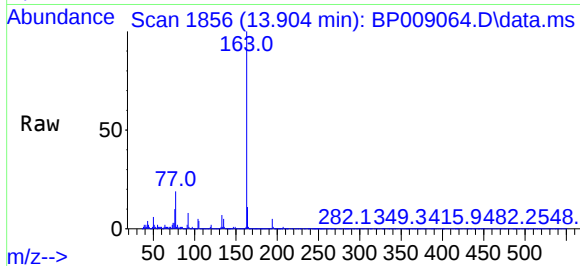




#50
Dimethylphthalate
Concen: 3.122 ng
RT: 13.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

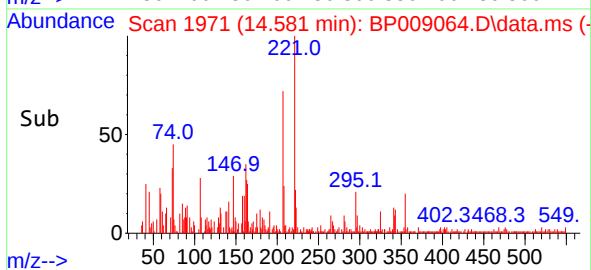
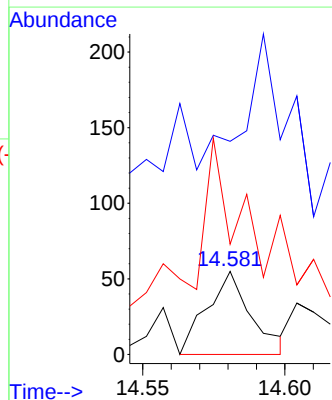
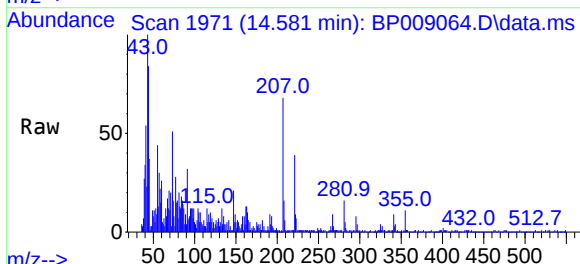
Instrument :
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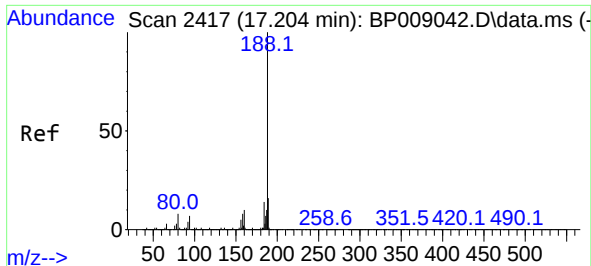
Tgt Ion:163 Resp: 96173
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.6 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.189 ng
RT: 14.581 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 256.4 35.6 53.4#
154 132.7 43.4 65.0#

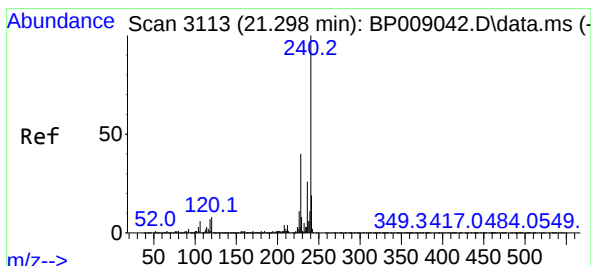
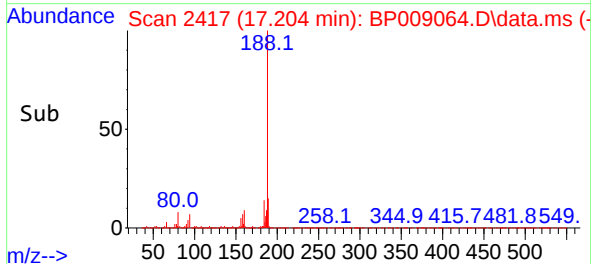
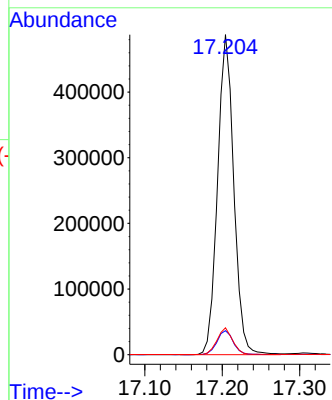
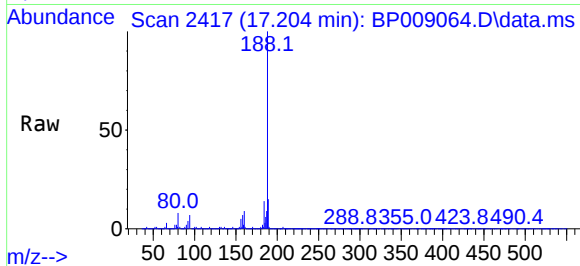




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

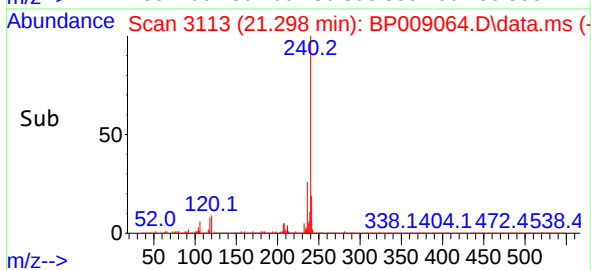
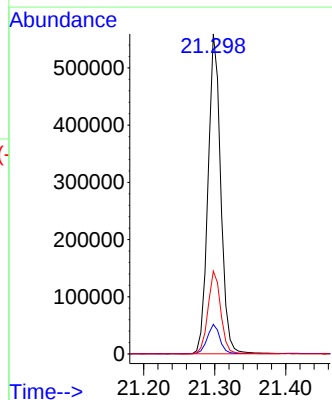
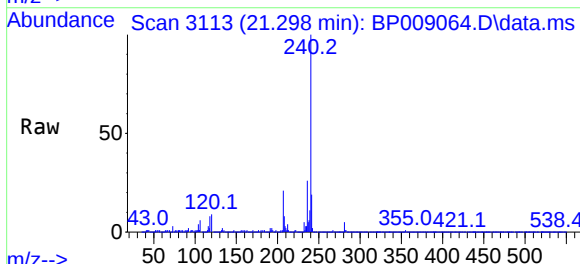
Instrument :
BNA_P
ClientSampleId :
GRIT-STOCKPILE

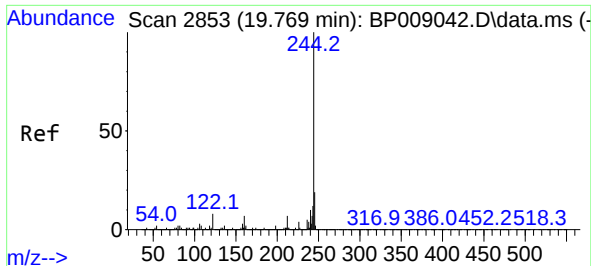
Tgt Ion:188 Resp: 709041
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009064.D
Acq: 08 Feb 2022 18:18

Tgt Ion:240 Resp: 695369
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 25.9 21.2 31.8

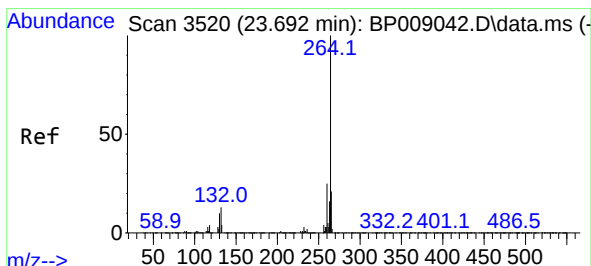
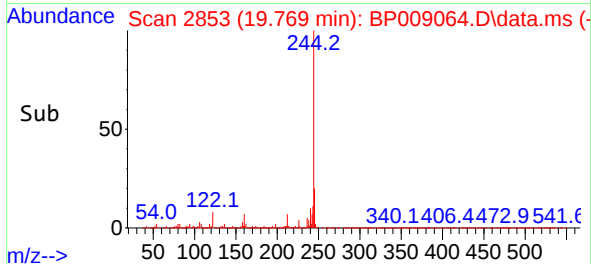
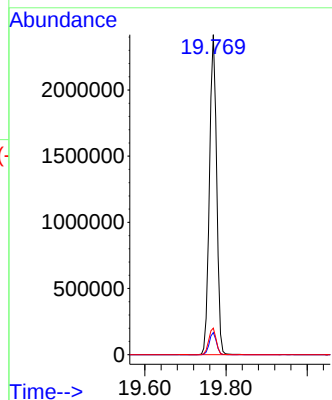
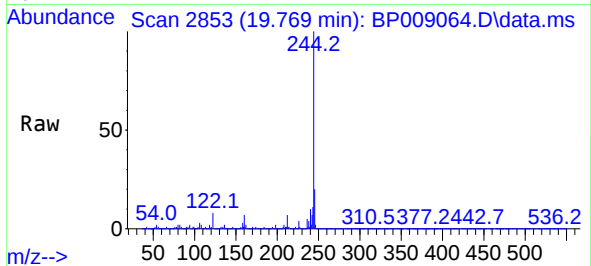




#79
 Terphenyl-d14
 Concen: 76.570 ng
 RT: 19.769 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP009064.D
 Acq: 08 Feb 2022 18:18

Instrument :
 BNA_P
 ClientSampleId :
 GRIT-STOCKPILE

Tgt Ion:244 Resp: 2960761
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 8.3 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3521
 Delta R.T. 0.006 min
 Lab File: BP009064.D
 Acq: 08 Feb 2022 18:18

Tgt Ion:264 Resp: 973466
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.8 17.1 25.7

