

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008035.D
 Acq On : 19 Nov 2021 01:48
 Operator : CG/JU
 Sample : M4724-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BOTTOM-WEST-CORE-CONCRETE-PANEL

Quant Time: Nov 19 02:26:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

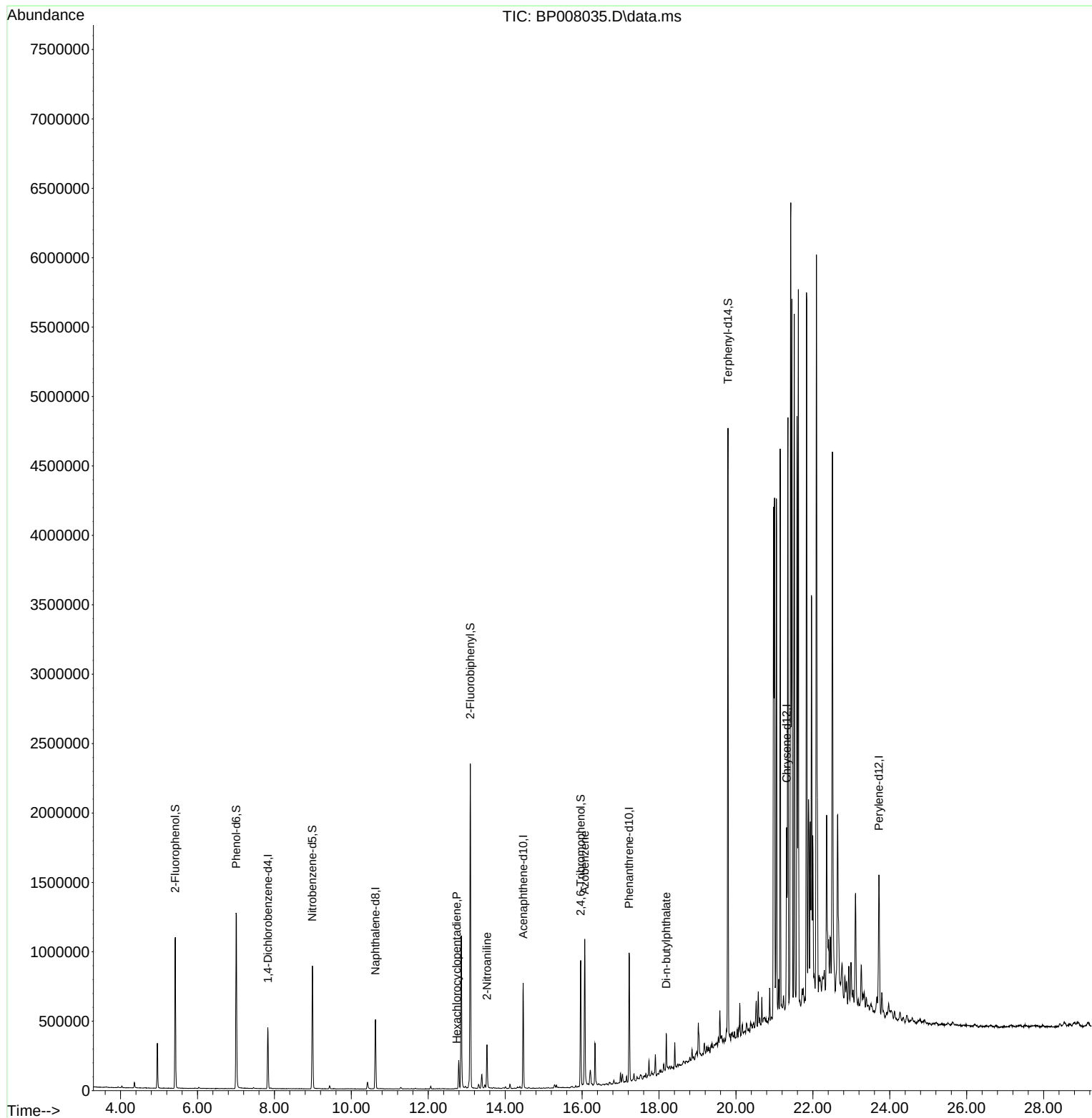
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	119007	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	403323	20.000	ng	#-0.01
39) Acenaphthene-d10	14.469	164	255908	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	559438	20.000	ng	#-0.02
76) Chrysene-d12	21.316	240	647795	20.000	ng	-0.02
86) Perylene-d12	23.715	264	788449	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	475692	64.843	ng	0.00
7) Phenol-d6	7.005	99	722729	74.054	ng	-0.02
23) Nitrobenzene-d5	8.987	82	499714	66.303	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	187713	46.621	ng	-0.01
45) 2-Fluorobiphenyl	13.092	172	1165632	63.892	ng	-0.01
79) Terphenyl-d14	19.792	244	2013339	63.021	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.969	77	284	Below Cal	#	24
16) 2,2'-oxybis(1-Chloropr...	8.381	45	142	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.740	237	20	3.074	ng	75
48) 2-Nitroaniline	13.528	65	12703	2.993	ng	# 24
63) Azobenzene	16.069	77	33517	2.040	ng	# 35
74) Di-n-butylphthalate	18.186	149	186047	5.714	ng	99

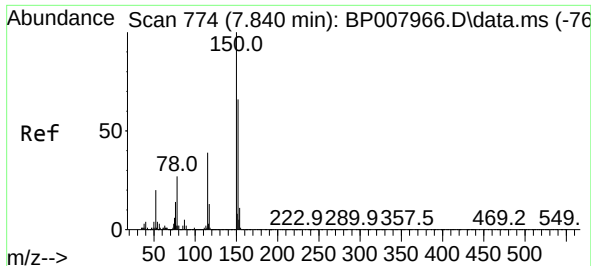
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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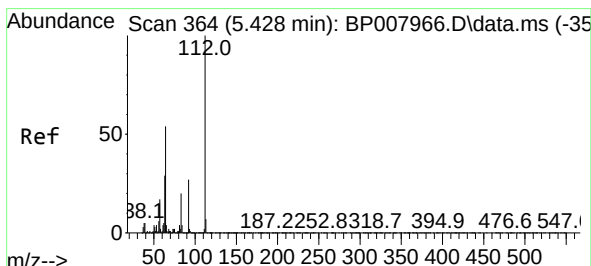
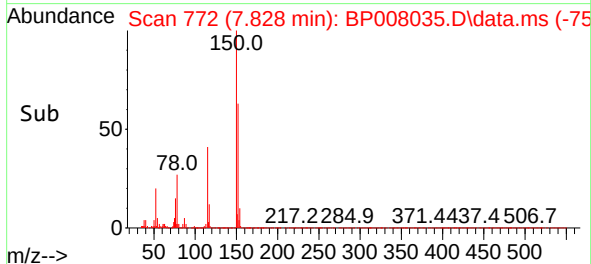
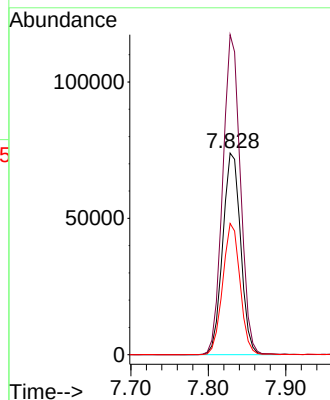
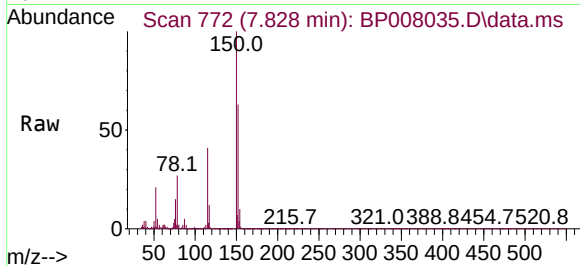




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

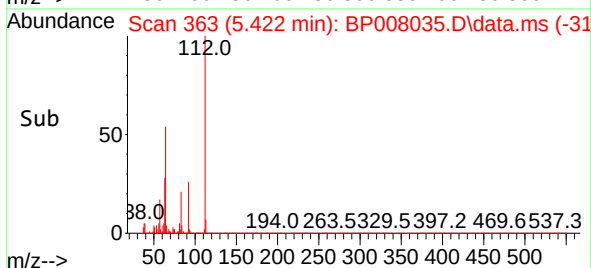
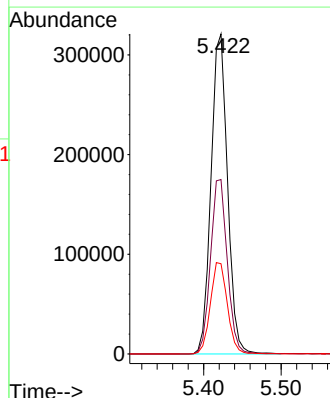
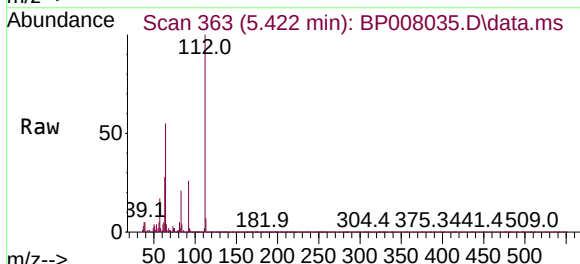
Instrument :
BNA_P
ClientSampleId :
BOTTOM-WEST-CORE-CONCRETE-PANEL

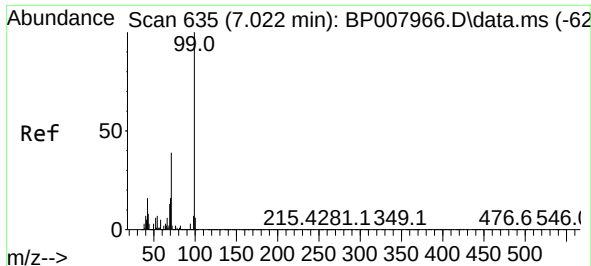
Tgt Ion:152 Resp: 119007
Ion Ratio Lower Upper
152 100
150 158.8 124.1 186.1
115 65.1 48.1 72.1



#5
2-Fluorophenol
Concen: 64.843 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

Tgt Ion:112 Resp: 475692
Ion Ratio Lower Upper
112 100
64 54.5 46.6 70.0
63 28.2 25.0 37.6

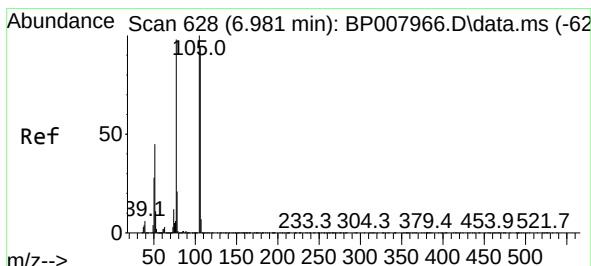
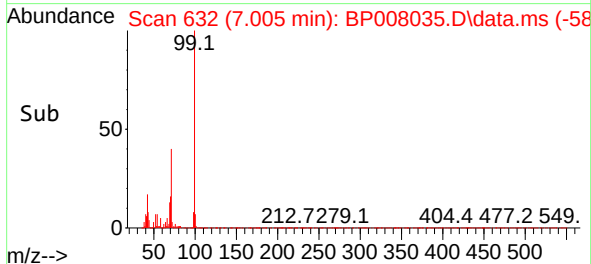
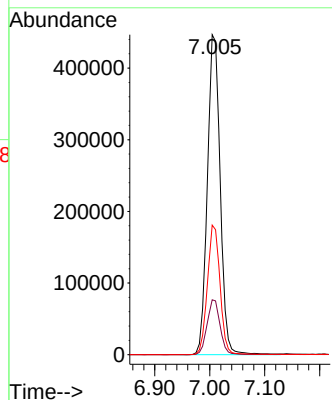
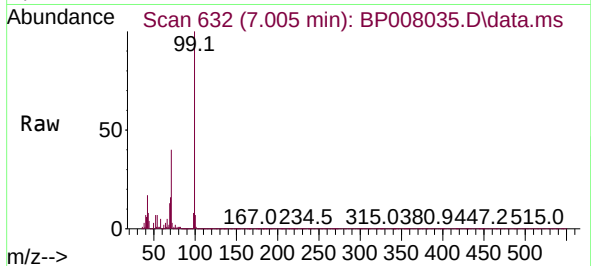




#7
Phenol-d6
Concen: 74.054 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

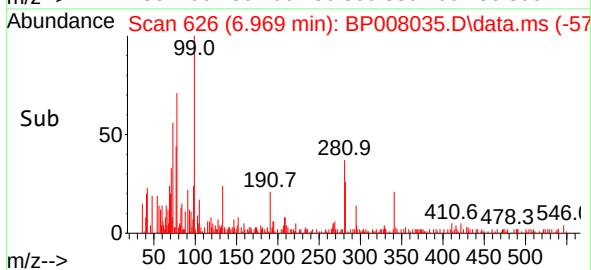
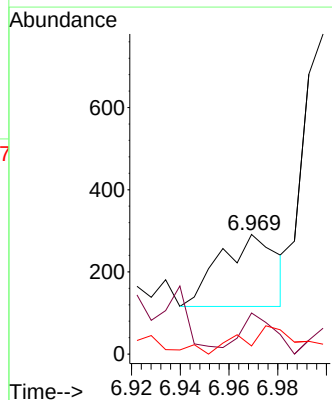
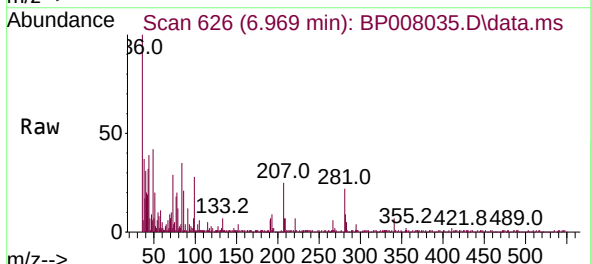
Instrument :
BNA_P
ClientSampleId :
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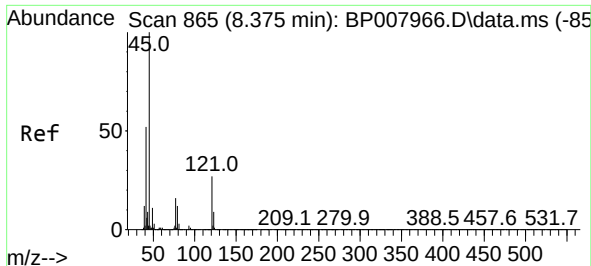
Tgt Ion: 99 Resp: 722729
Ion Ratio Lower Upper
99 100
42 17.2 14.9 22.3
71 40.5 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.969 min Scan# 626
Delta R.T. -0.012 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

Tgt Ion: 77 Resp: 284
Ion Ratio Lower Upper
77 100
105 34.4 77.5 117.5#
106 6.9 72.1 112.1#





#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.381 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

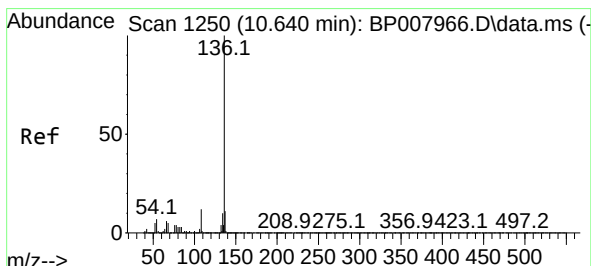
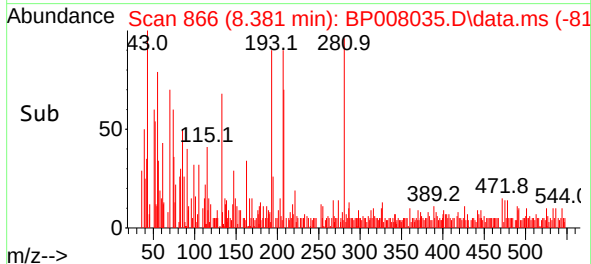
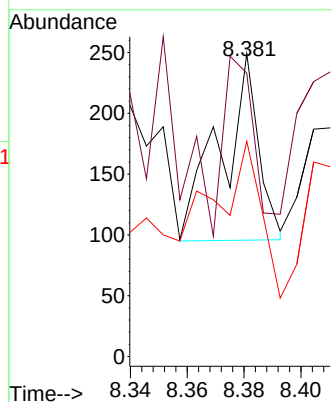
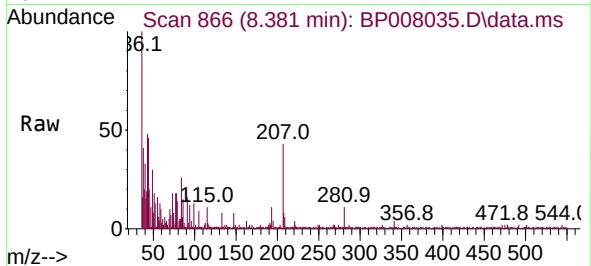
Instrument :

BNA_P

ClientSampleId :

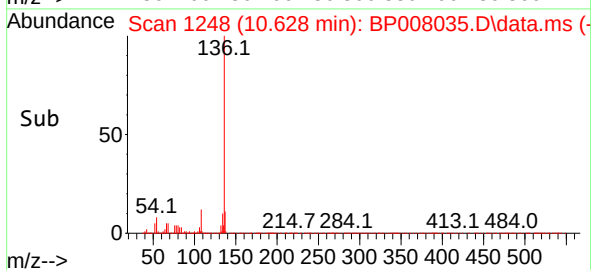
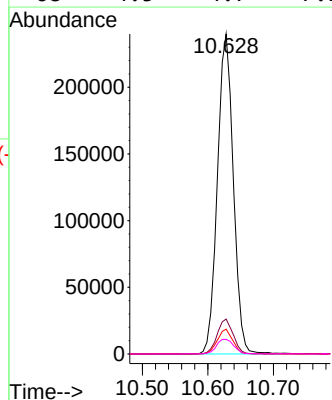
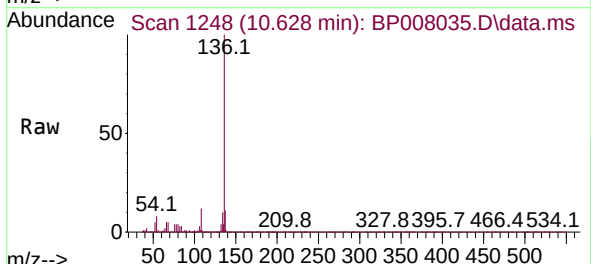
BOTTOM-WEST-CORE-CONCRETE-PANEL

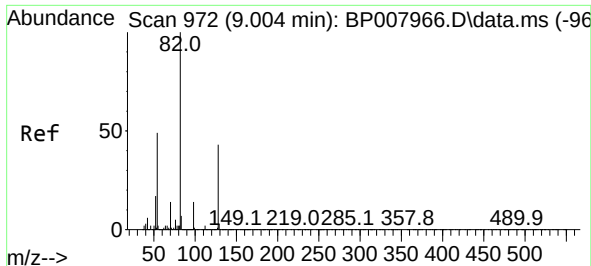
Tgt Ion: 45 Resp: 142
Ion Ratio Lower Upper
45 100
77 87.3 0.0 34.9#
79 66.3 0.0 31.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

Tgt Ion:136 Resp: 403323
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.8 6.2 9.4
68 4.5 4.7 7.1#

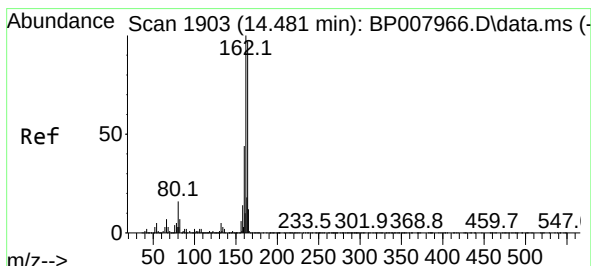
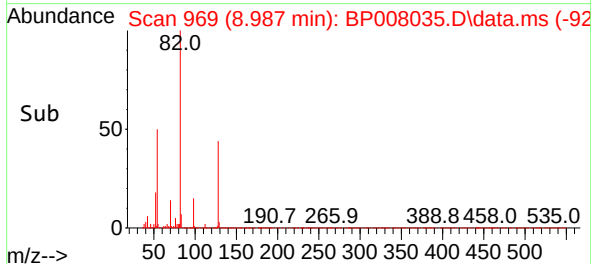
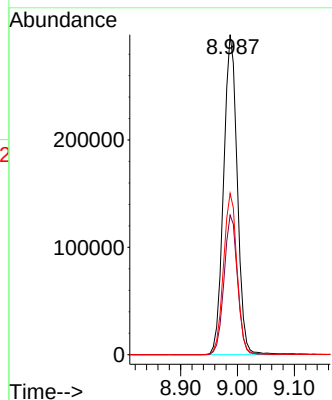
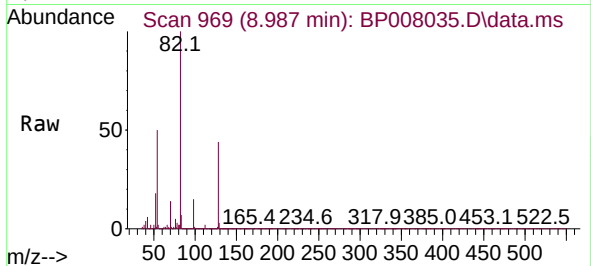




#23
Nitrobenzene-d5
Concen: 66.303 ng
RT: 8.987 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

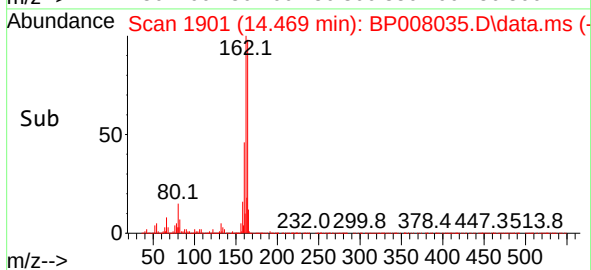
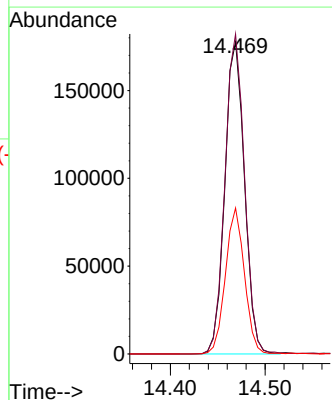
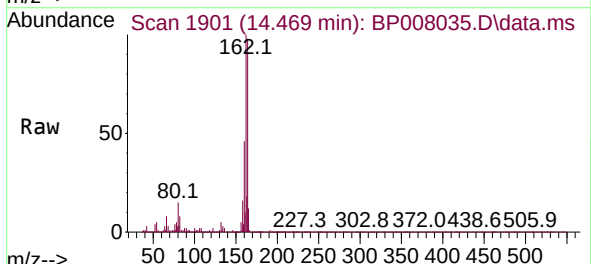
Instrument :
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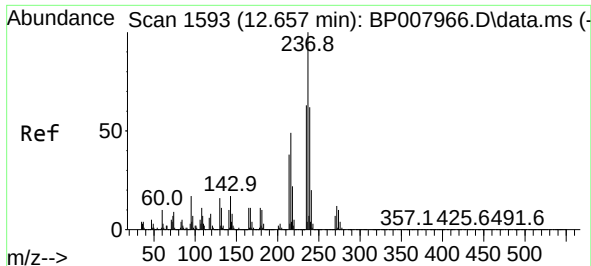
Tgt Ion: 82 Resp: 499714
Ion Ratio Lower Upper
82 100
128 43.6 32.6 48.8
54 50.4 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

Tgt Ion:164 Resp: 255908
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 46.7 36.0 54.0

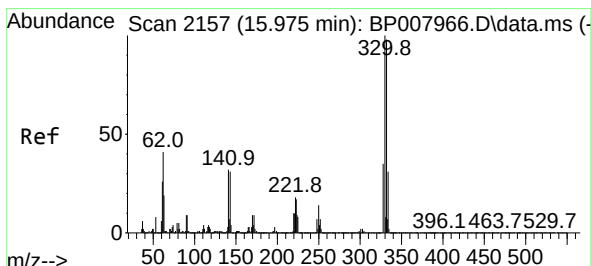
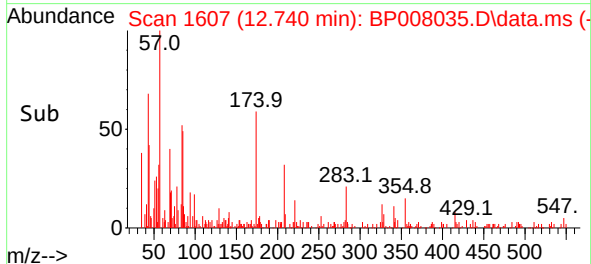
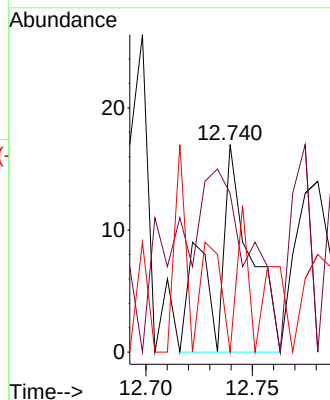
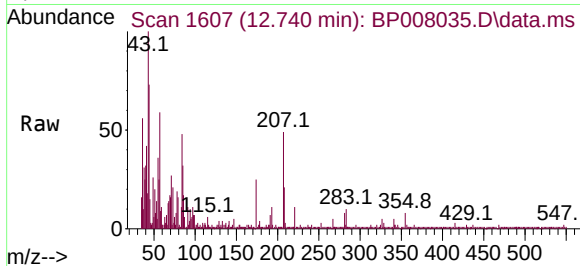




#41
Hexachlorocyclopentadiene
Concen: 3.074 ng
RT: 12.740 min Scan# 1
Delta R.T. 0.083 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

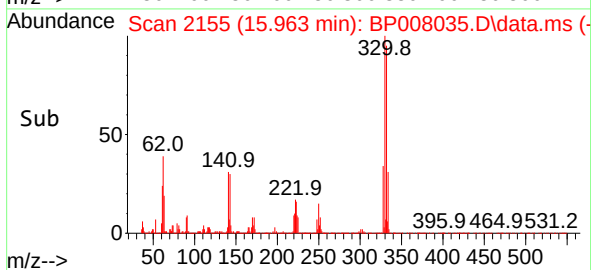
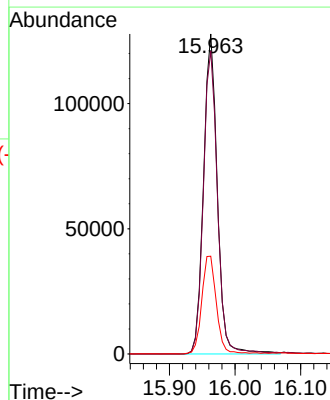
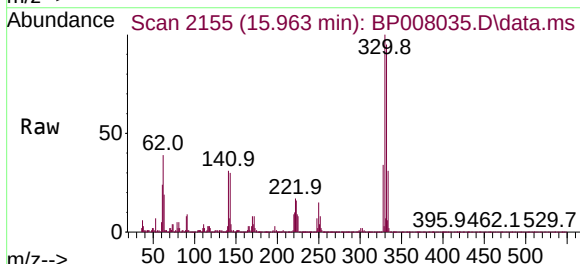
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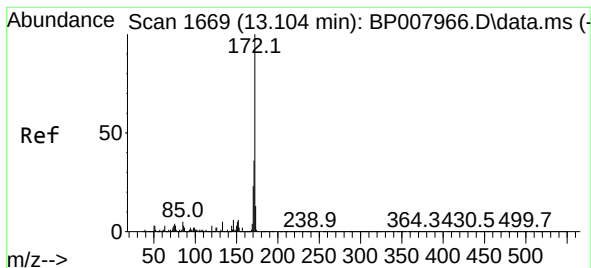
Tgt Ion:	237	Resp:	20
Ion	Ratio	Lower	Upper
237	100		
235	43.3	41.2	81.2
272	0.0	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 46.621 ng
RT: 15.963 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

Tgt Ion:	330	Resp:	187713
Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.9	118.3
141	32.4	30.7	46.1





#45

2-Fluorobiphenyl

Concen: 63.892 ng

RT: 13.092 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008035.D

Acq: 19 Nov 2021 01:48

Instrument :

BNA_P

ClientSampleId :

BOTTOM-WEST-CORE-CONCRETE-PANEL

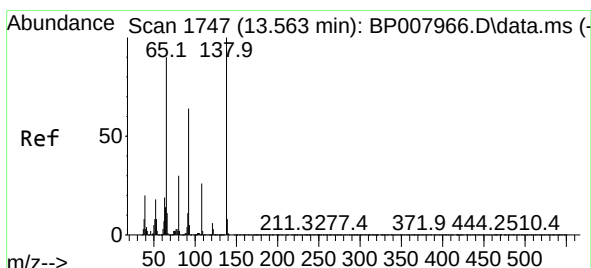
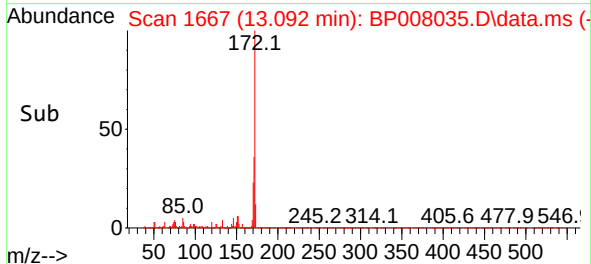
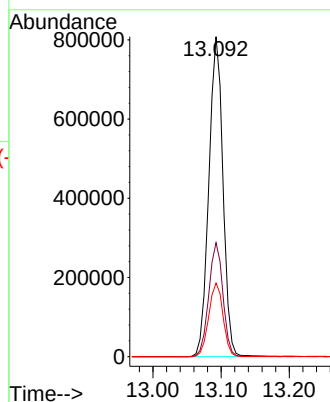
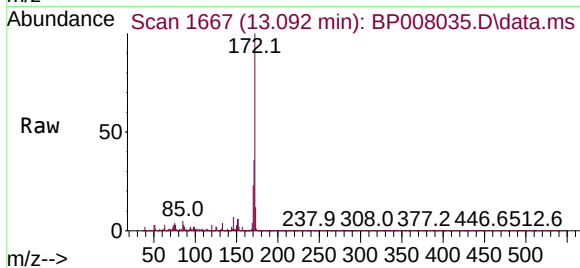
Tgt Ion:172 Resp: 1165632

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.0 19.0 28.4



#48

2-Nitroaniline

Concen: 2.993 ng

RT: 13.528 min Scan# 1741

Delta R.T. -0.035 min

Lab File: BP008035.D

Acq: 19 Nov 2021 01:48

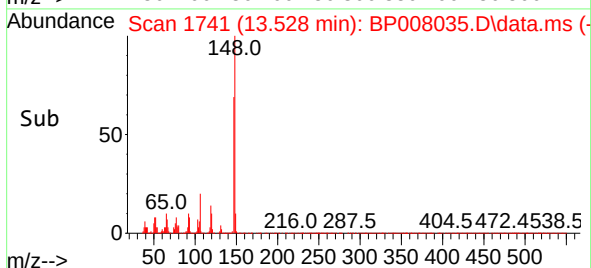
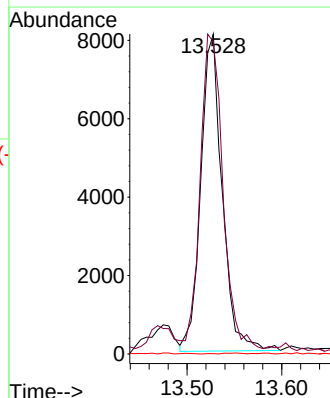
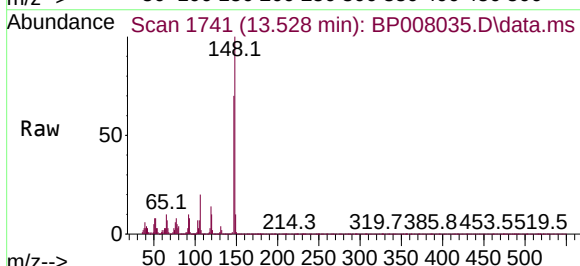
Tgt Ion: 65 Resp: 12703

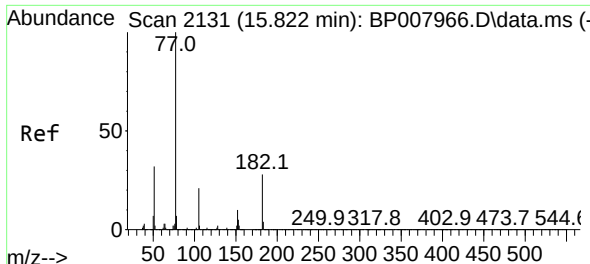
Ion Ratio Lower Upper

65 100

92 97.5 55.9 83.9#

138 0.1 86.3 129.5#

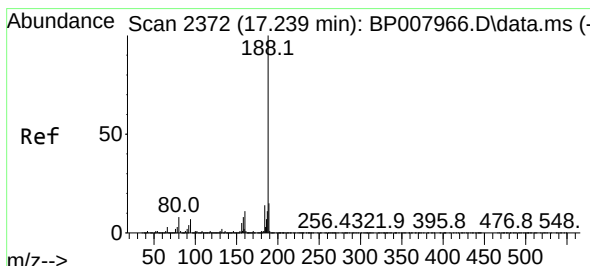
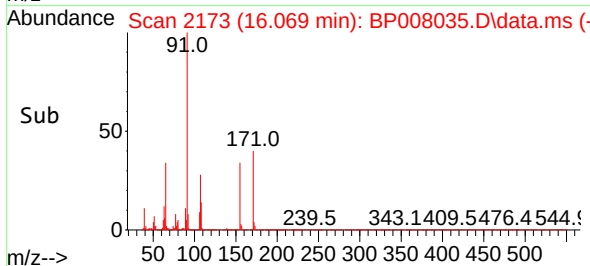
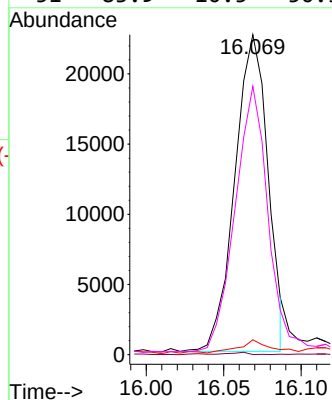
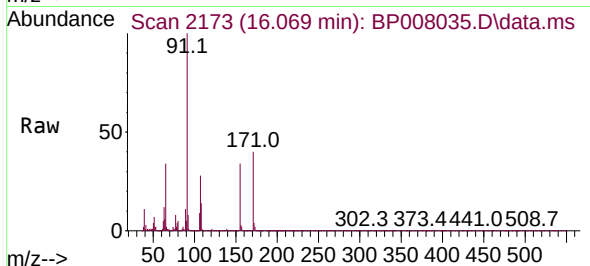




#63
Azobenzene
Concen: 2.040 ng
RT: 16.069 min Scan# 2131
Delta R.T. 0.247 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

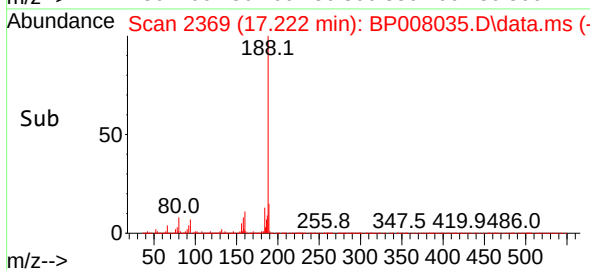
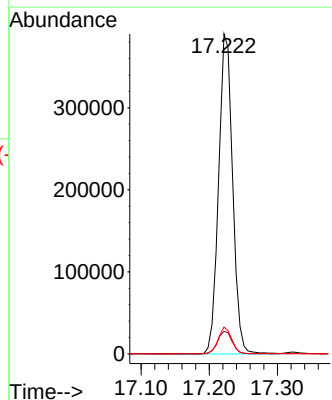
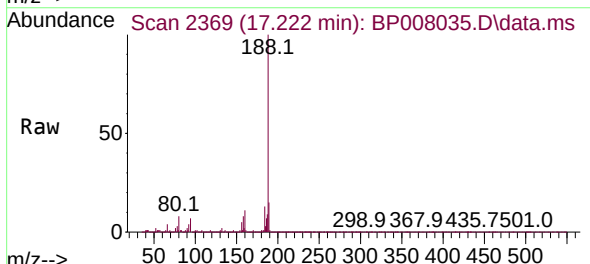
Instrument :
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BOTTOM-WEST-CORE-CONCRETE-PANEL

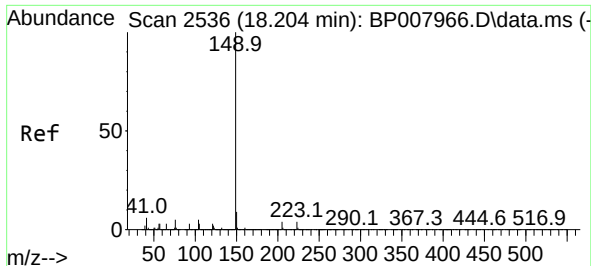
Tgt Ion: 77	Resp: 33517
Ion Ratio	Lower Upper
77 100	
182 0.1	6.5 46.5#
105 4.6	1.3 41.3
51 83.9	10.5 50.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2369
Delta R.T. -0.018 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

Tgt Ion: 188	Resp: 559438
Ion Ratio	Lower Upper
188 100	
94 7.1	7.1 10.7#
80 8.4	7.8 11.6

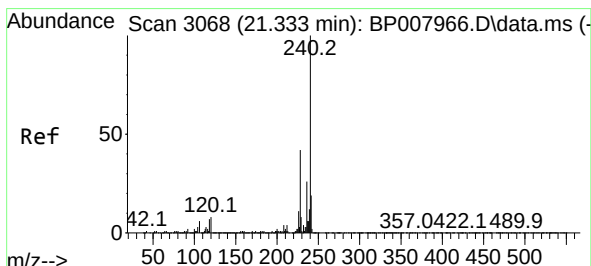
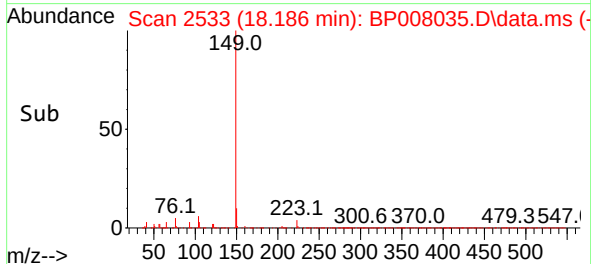
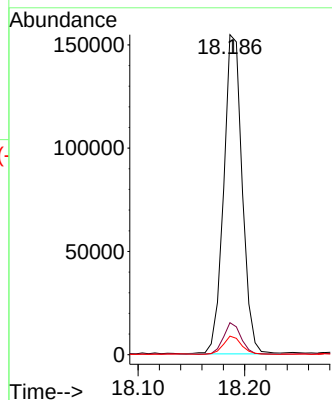
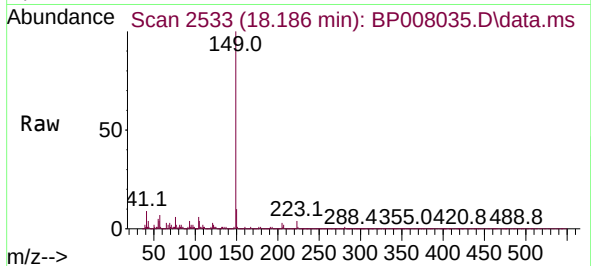




#74
Di-n-butylphthalate
Concen: 5.714 ng
RT: 18.186 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

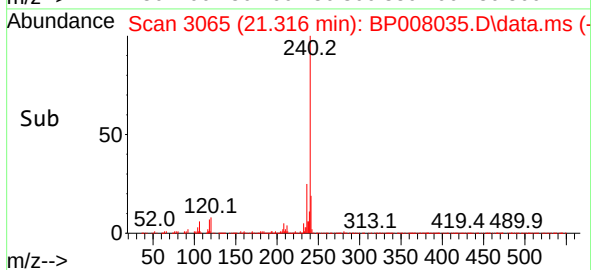
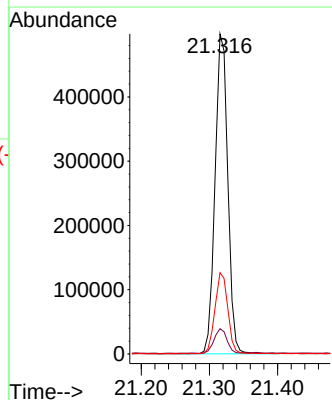
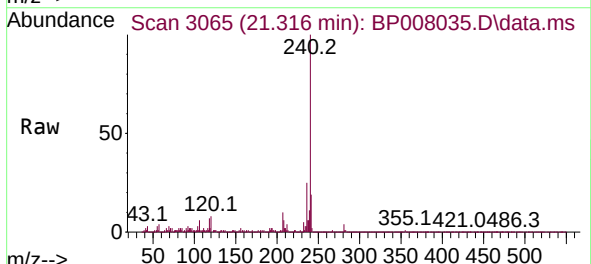
Instrument :
BNA_P
ClientSampleId :
BOTTOM-WEST-CORE-CONCRETE-PANEL

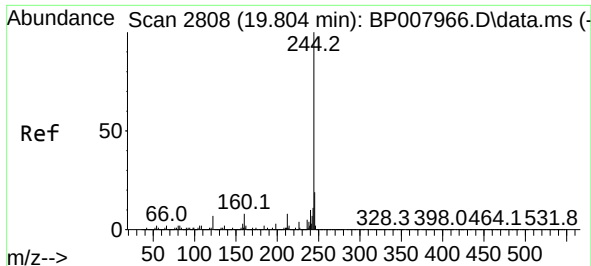
Tgt Ion:149 Resp: 186047
Ion Ratio Lower Upper
149 100
150 10.0 7.6 11.4
104 5.8 4.2 6.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3065
Delta R.T. -0.018 min
Lab File: BP008035.D
Acq: 19 Nov 2021 01:48

Tgt Ion:240 Resp: 647795
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.8
236 25.4 20.6 30.8

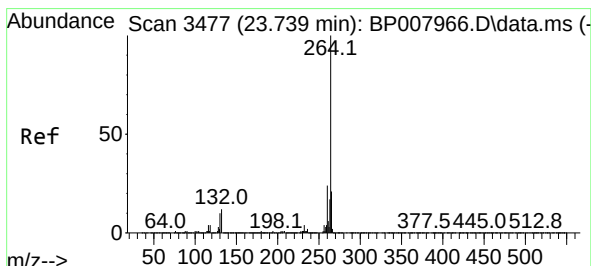
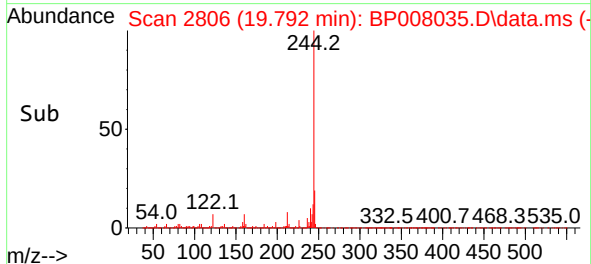
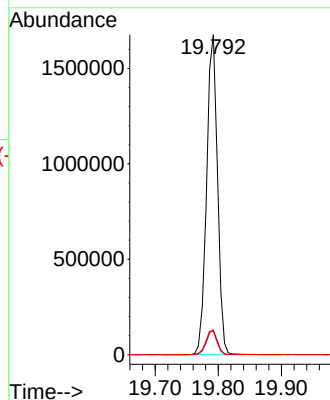
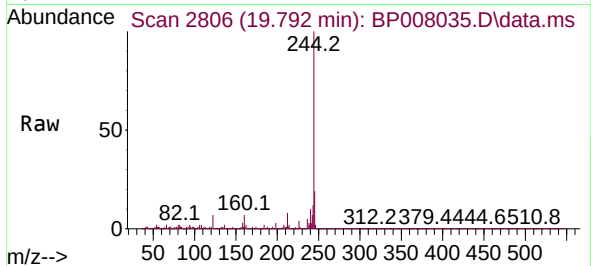




#79
 Terphenyl-d14
 Concen: 63.021 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008035.D
 Acq: 19 Nov 2021 01:48

Instrument : BNA_P
 ClientSampleId : BOTTOM-WEST-CORE-CONCRETE-PANEL

Tgt Ion:244 Resp: 2013339
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 7.3 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3473
 Delta R.T. -0.024 min
 Lab File: BP008035.D
 Acq: 19 Nov 2021 01:48

Tgt Ion:264 Resp: 788449
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.4 16.7 25.1

