

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
 Data File : BM033739.D
 Acq On : 14 Jan 2022 21:47
 Operator : CG/JU
 Sample : N1124-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WASTE-CLASS-BOILER-PIT

Quant Time: Jan 17 00:27:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

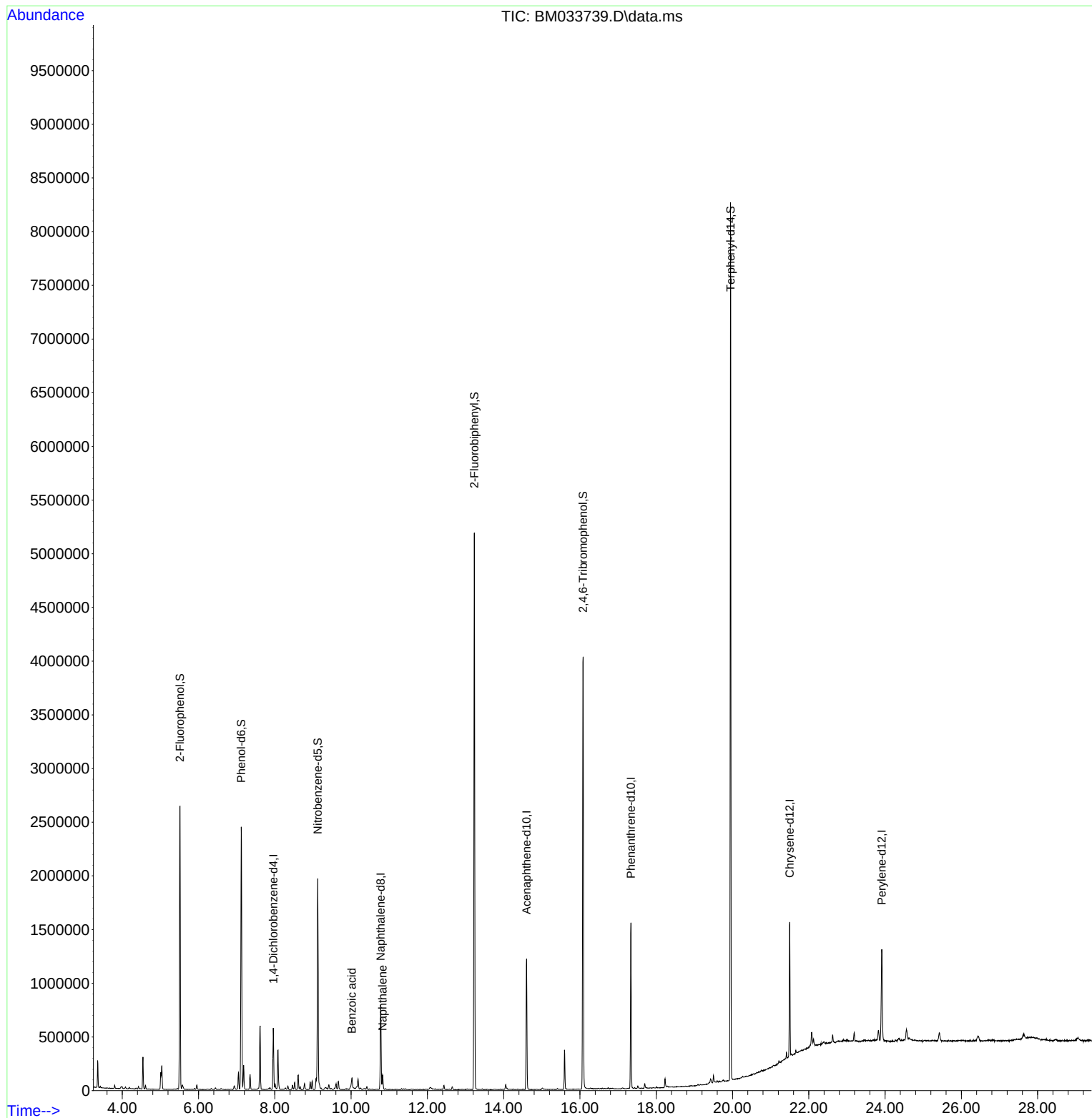
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	144855	20.000	ng	-0.01
21) Naphthalene-d8	10.778	136	625731	20.000	ng	#-0.01
39) Acenaphthene-d10	14.601	164	415965	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	870396	20.000	ng	0.00
76) Chrysene-d12	21.500	240	594573	20.000	ng	0.00
86) Perylene-d12	23.912	264	619963	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1077566	117.322	ng	0.00
7) Phenol-d6	7.119	99	1300689	105.074	ng	0.00
23) Nitrobenzene-d5	9.125	82	1067860	78.814	ng	-0.01
42) 2,4,6-Tribromophenol	16.083	330	734947	169.162	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	2487491	78.326	ng	-0.01
79) Terphenyl-d14	19.948	244	3589422	108.665	ng	-0.01
Target Compounds						
31) Naphthalene	10.825	128	100948	2.944	ng	Qvalue 99
32) Benzoic acid	10.019	122	50478	7.916	ng	# 86

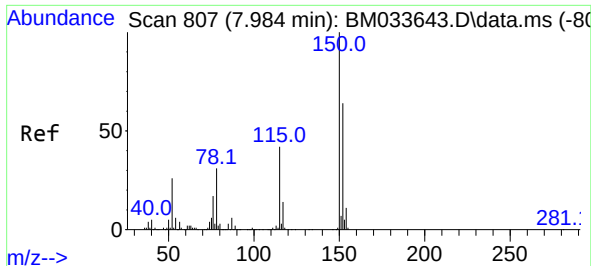
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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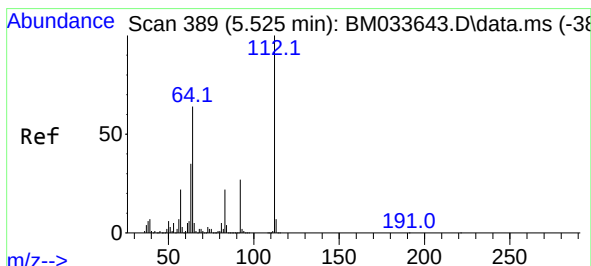
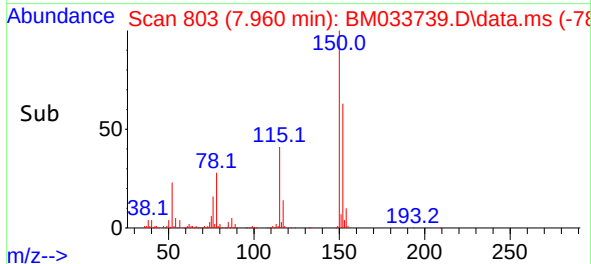
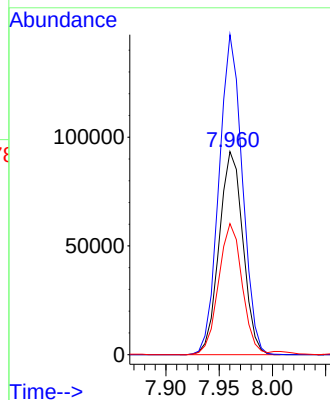
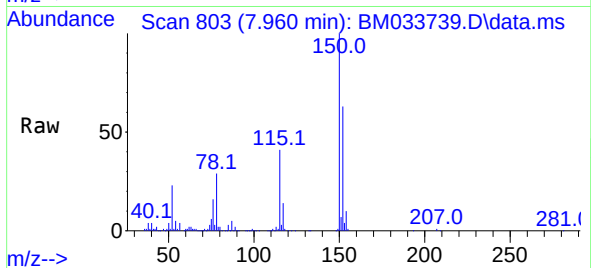




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.960 min Scan# 807
Delta R.T. -0.012 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

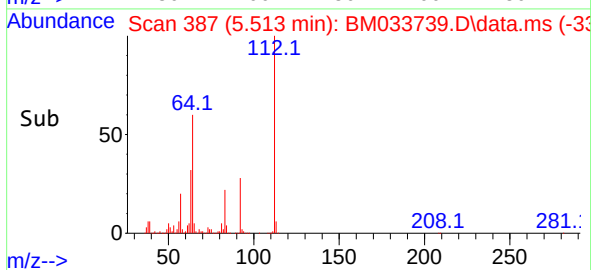
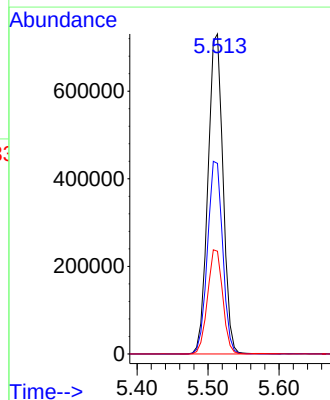
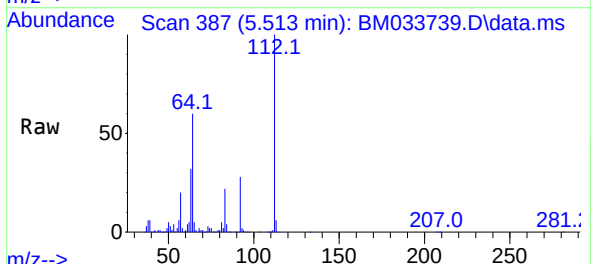
Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-BOILER-PIT

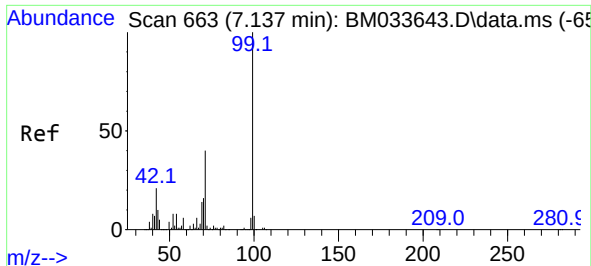
Tgt Ion:152 Resp: 144855
Ion Ratio Lower Upper
152 100
150 157.6 128.9 193.3
115 64.5 53.0 79.6



#5
2-Fluorophenol
Concen: 117.322 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

Tgt Ion:112 Resp: 1077566
Ion Ratio Lower Upper
112 100
64 59.6 55.5 83.3
63 32.1 31.3 46.9

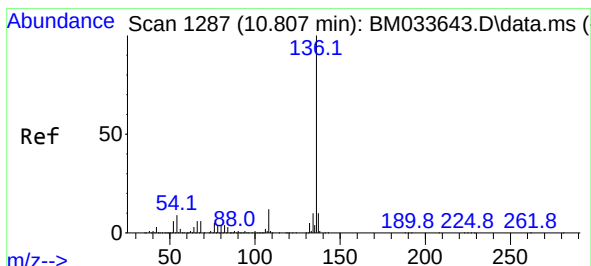
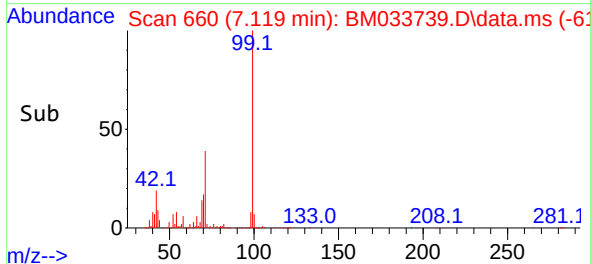
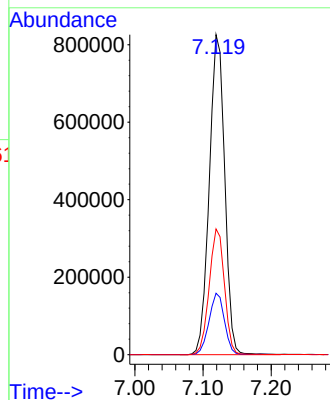
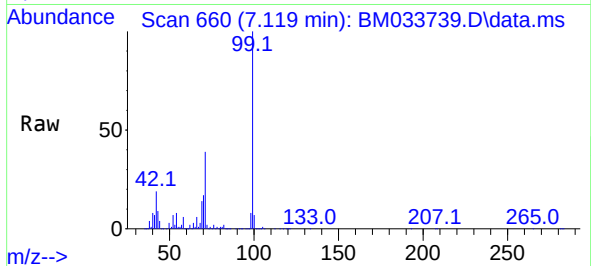




#7
Phenol-d6
Concen: 105.074 ng
RT: 7.119 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

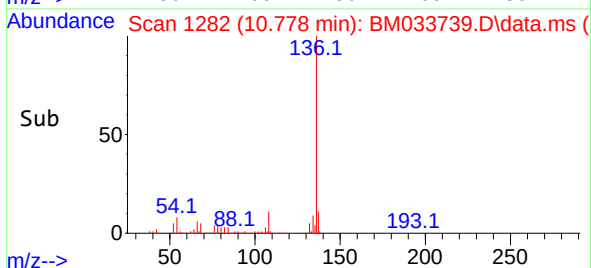
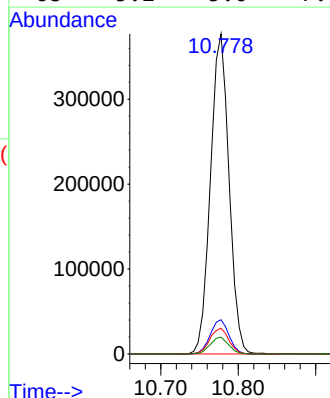
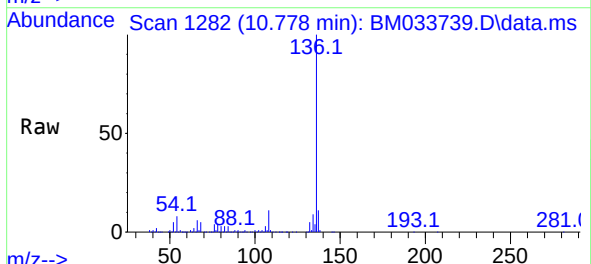
Instrument :
BNA_M
ClientSampleId :
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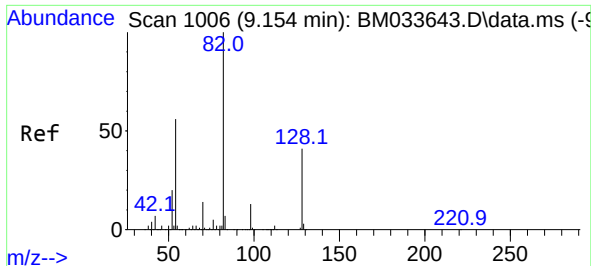
Tgt Ion: 99 Resp: 1300689
Ion Ratio Lower Upper
99 100
42 19.2 20.3 30.5#
71 39.3 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

Tgt Ion:136 Resp: 625731
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 8.3 12.5#
68 5.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 78.814 ng

RT: 9.125 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BM033739.D

Acq: 14 Jan 2022 21:47

Instrument :

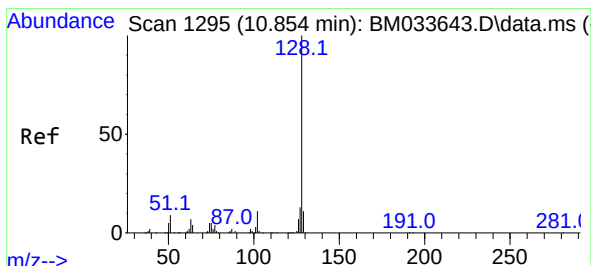
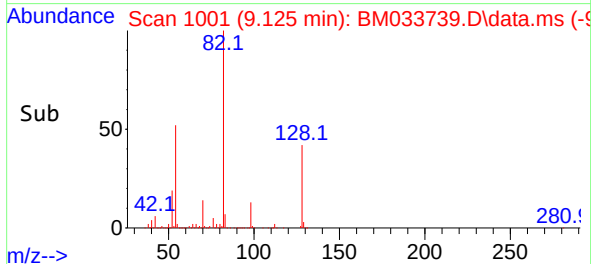
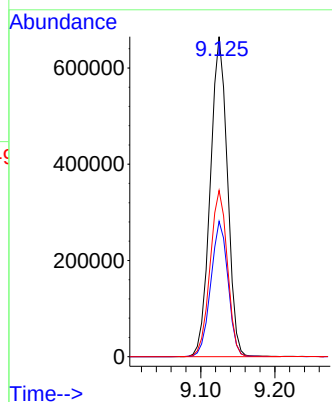
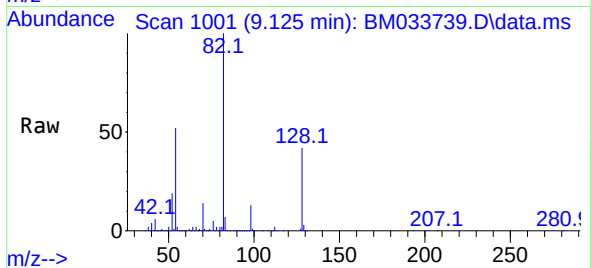
BNA_M

ClientSampleId :

WASTE-CLASS-BOILER-PIT

Tgt Ion: 82 Resp: 1067860

Ion	Ratio	Lower	Upper
82	100		
128	42.3	28.1	42.1#
54	52.0	46.1	69.1



#31

Naphthalene

Concen: 2.944 ng

RT: 10.825 min Scan# 1290

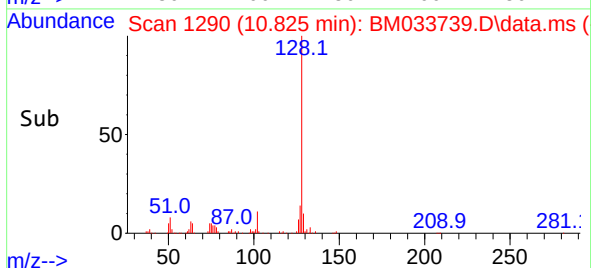
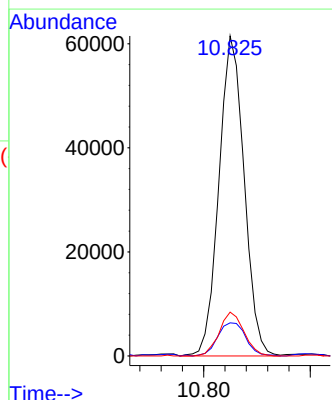
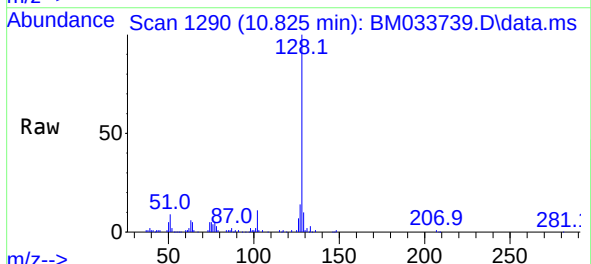
Delta R.T. -0.012 min

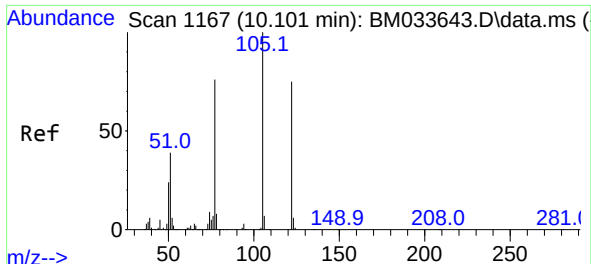
Lab File: BM033739.D

Acq: 14 Jan 2022 21:47

Tgt Ion: 128 Resp: 100948

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	13.7	10.8	16.2

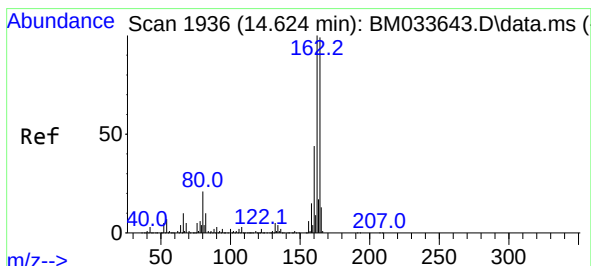
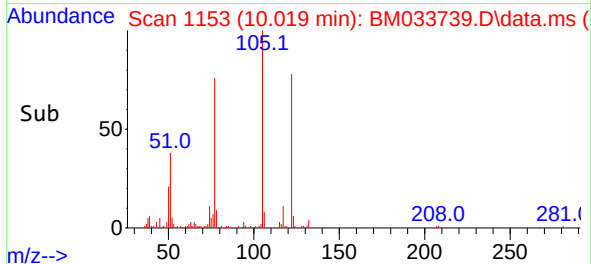
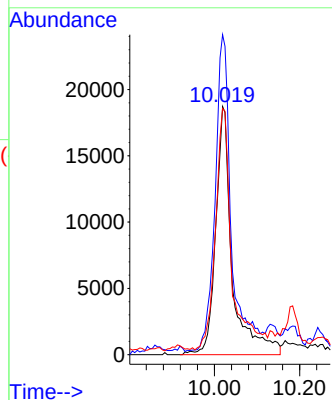
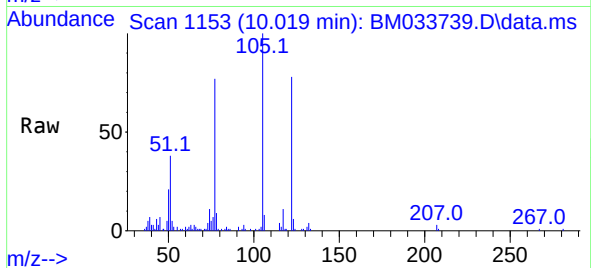




#32
Benzoic acid
Concen: 7.916 ng
RT: 10.019 min Scan# 1167
Delta R.T. -0.076 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

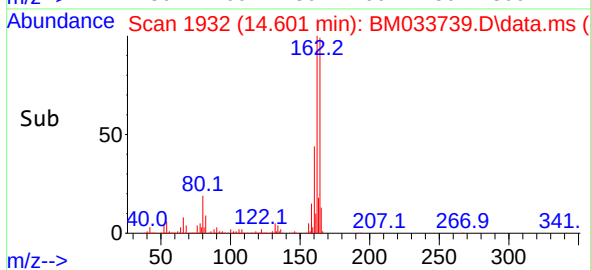
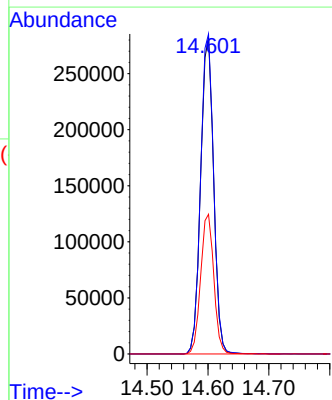
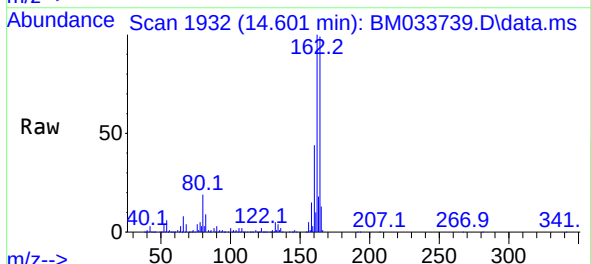
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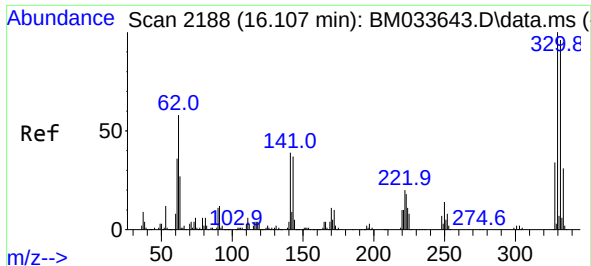
Tgt Ion:122 Resp: 50478
Ion Ratio Lower Upper
122 100
105 129.0 119.6 159.6
77 99.2 101.0 141.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

Tgt Ion:164 Resp: 415965
Ion Ratio Lower Upper
164 100
162 101.0 79.7 119.5
160 44.1 34.2 51.4

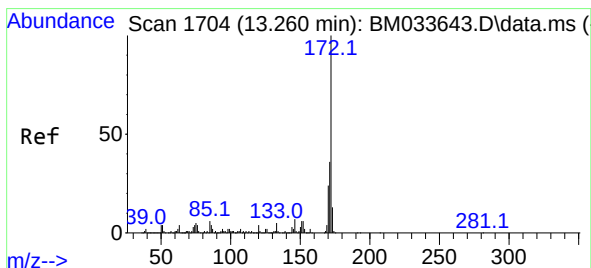
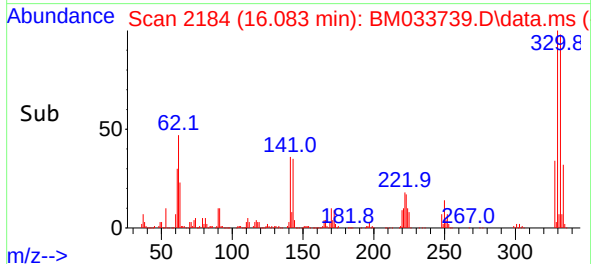
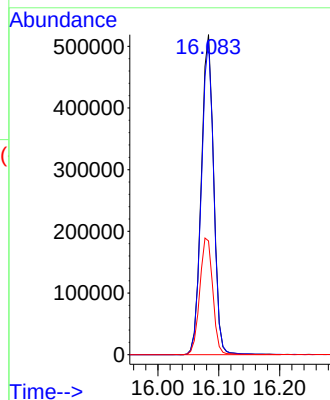
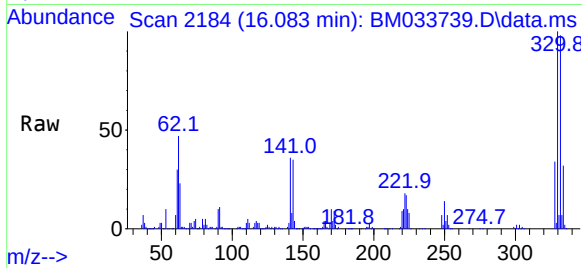




#42
2,4,6-Tribromophenol
Concen: 169.162 ng
RT: 16.083 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

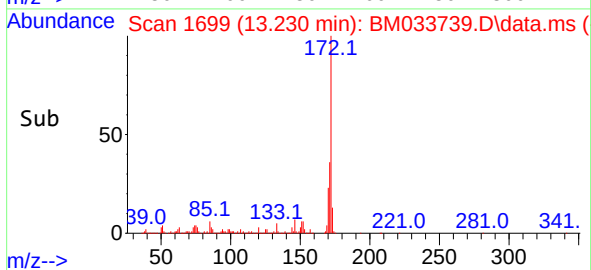
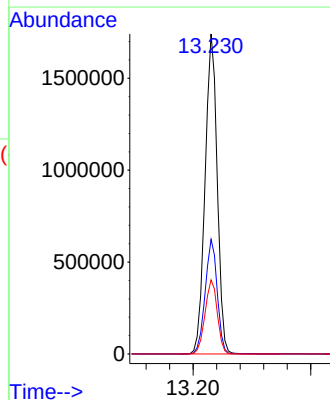
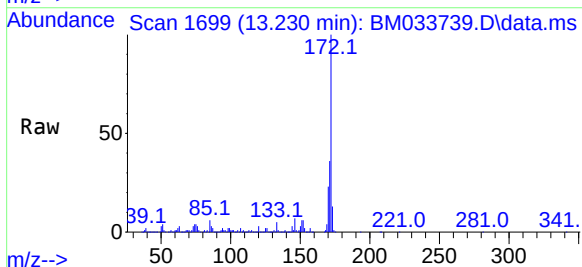
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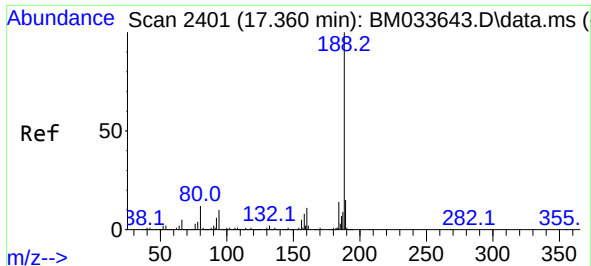
Tgt Ion:330 Resp: 734947
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 38.3 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 78.326 ng
RT: 13.230 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

Tgt Ion:172 Resp: 2487491
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 23.2 18.7 28.1

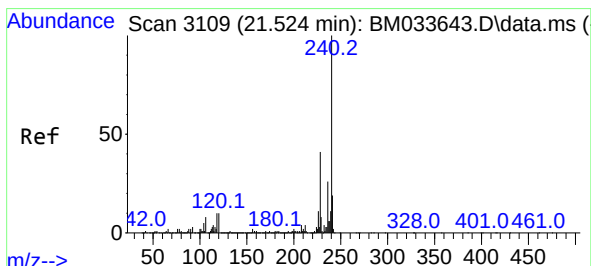
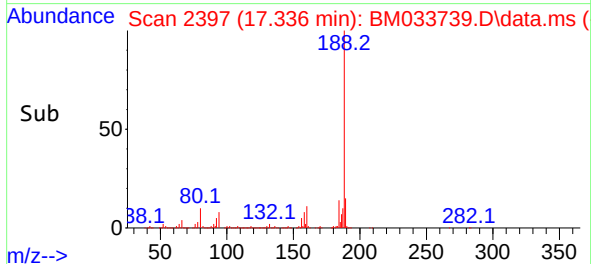
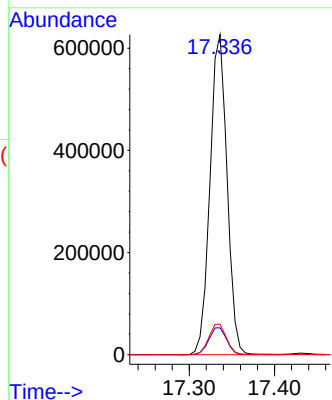
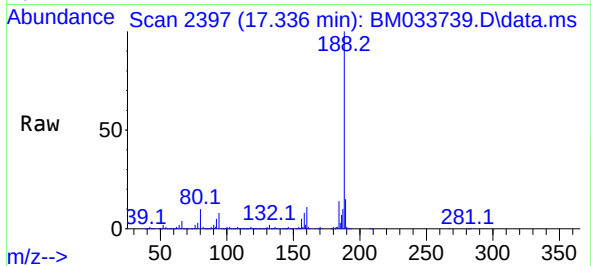




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

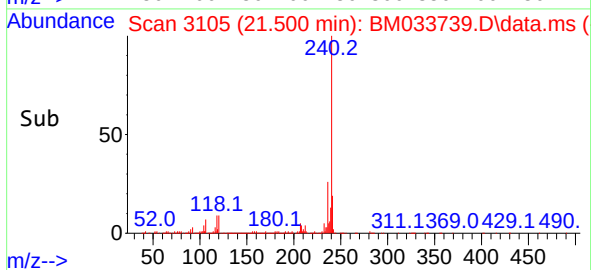
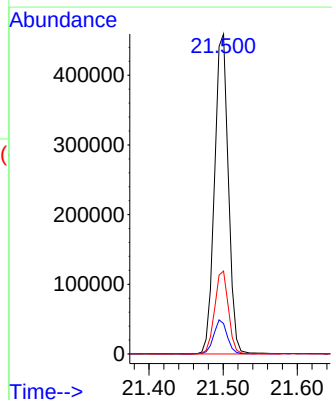
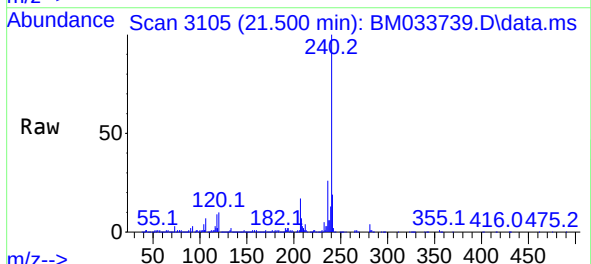
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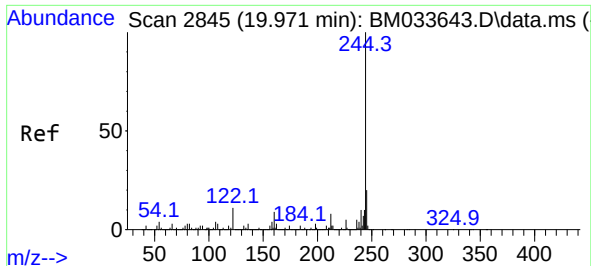
Tgt Ion:188 Resp: 870396
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

Tgt Ion:240 Resp: 594573
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.9 20.3 30.5

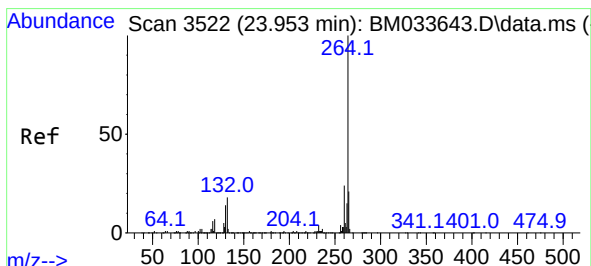
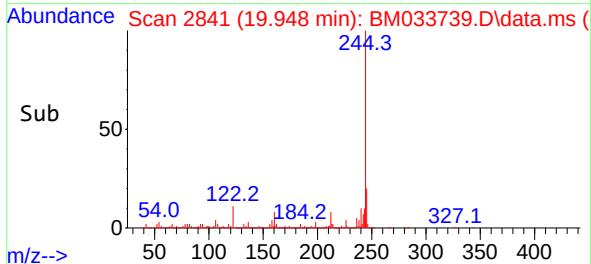
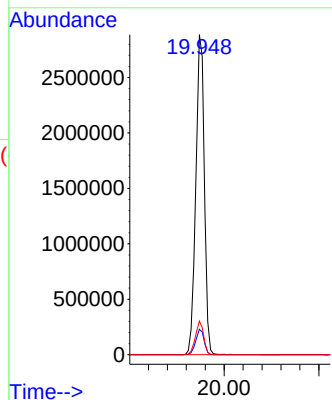
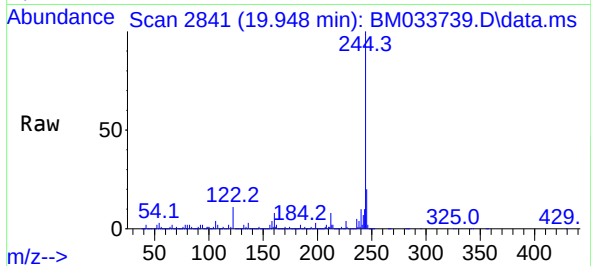




#79
Terphenyl-d14
Concen: 108.665 ng
RT: 19.948 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-BOILER-PIT

Tgt Ion:244 Resp: 3589422
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.5 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 3515
Delta R.T. -0.018 min
Lab File: BM033739.D
Acq: 14 Jan 2022 21:47

Tgt Ion:264 Resp: 619963
Ion Ratio Lower Upper
264 100
260 24.3 17.7 26.5
265 22.5 17.7 26.5

