

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
 Data File : BM033648.D
 Acq On : 05 Jan 2022 18:13
 Operator : CG/JU
 Sample : PB141851BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141851BL

Quant Time: Jan 06 00:39:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

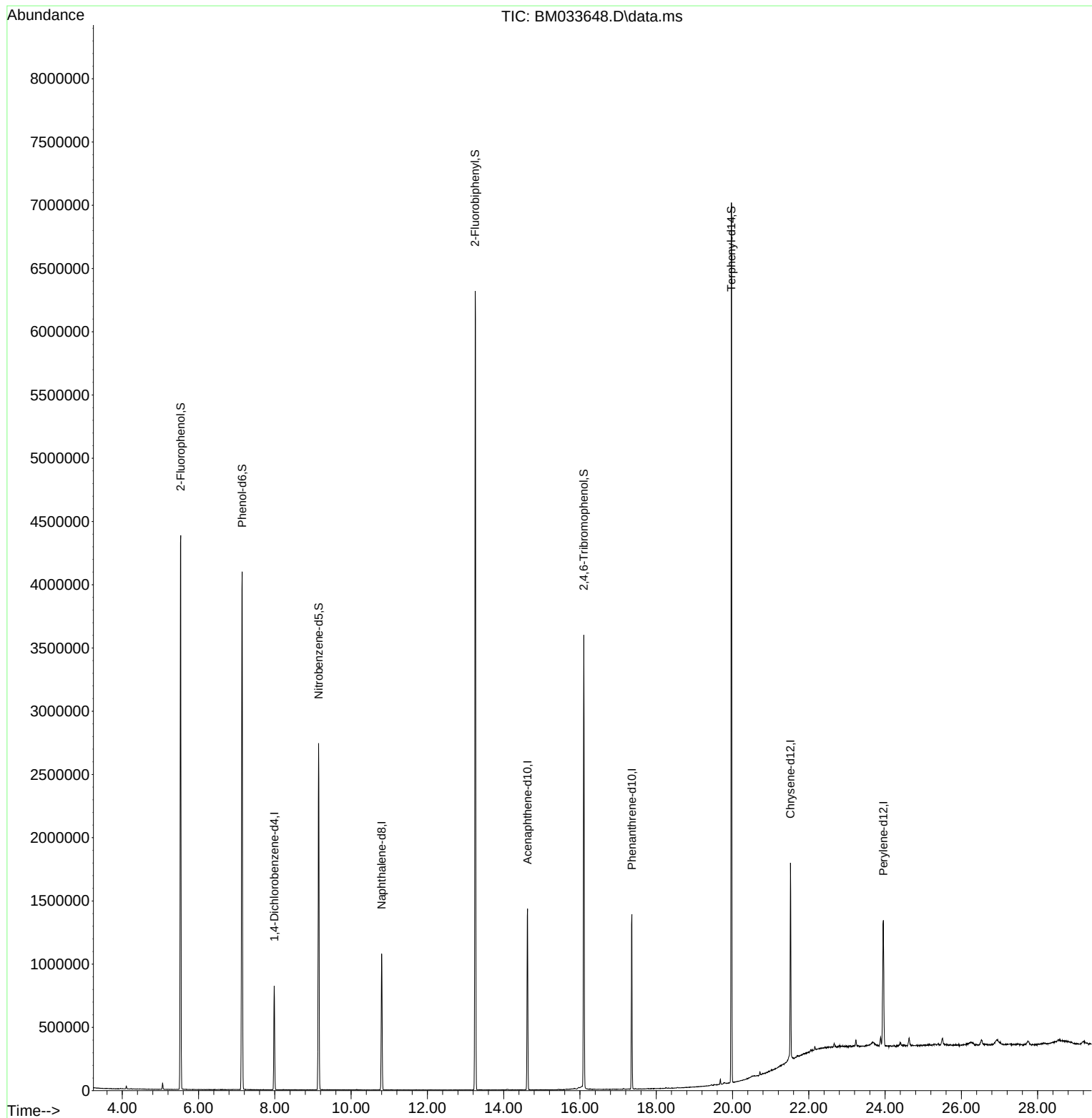
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	200488	20.000	ng	0.00
21) Naphthalene-d8	10.801	136	823628	20.000	ng	0.00
39) Acenaphthene-d10	14.624	164	468561	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	757393	20.000	ng	0.00
76) Chrysene-d12	21.518	240	672126	20.000	ng	0.00
86) Perylene-d12	23.953	264	724212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	1718774	135.207	ng	0.00
7) Phenol-d6	7.143	99	2175988	127.006	ng	0.00
23) Nitrobenzene-d5	9.148	82	1502563	84.252	ng	0.00
42) 2,4,6-Tribromophenol	16.101	330	556707	113.753	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	3044644	85.108	ng	0.00
79) Terphenyl-d14	19.971	244	2880481	77.141	ng	0.00
Target Compounds						
9) Benzaldehyde	7.137	77	4731	Below Cal	Qvalue #	11

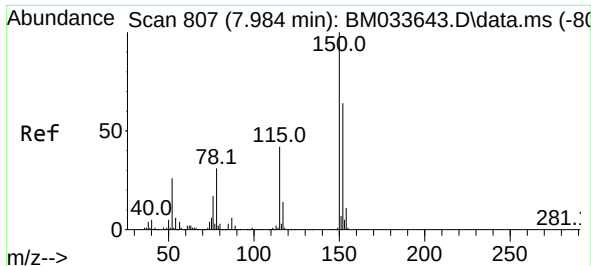
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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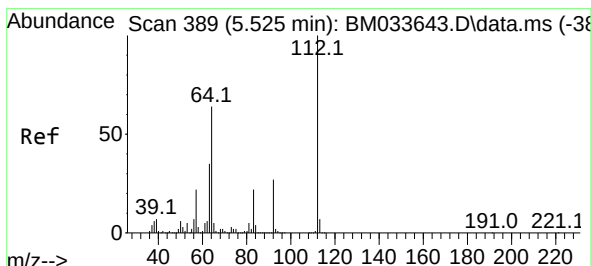
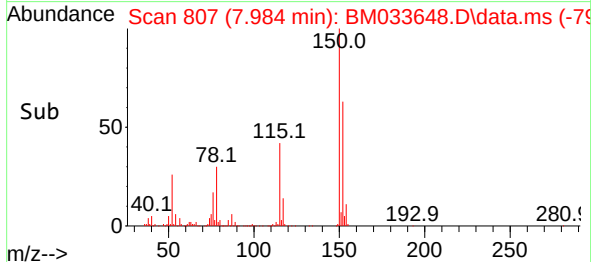
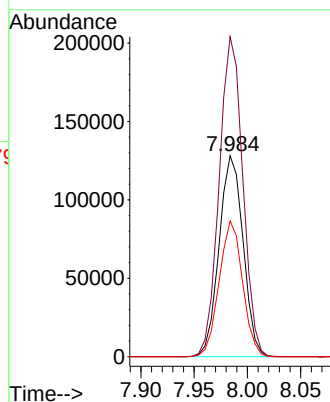
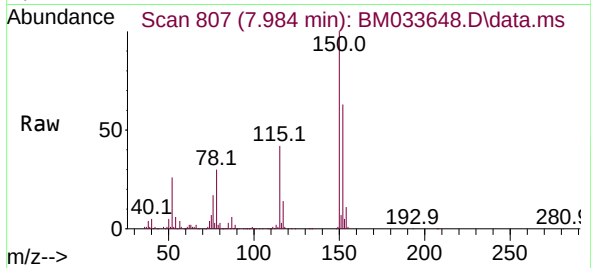




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

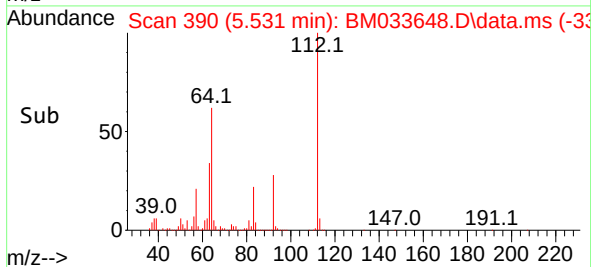
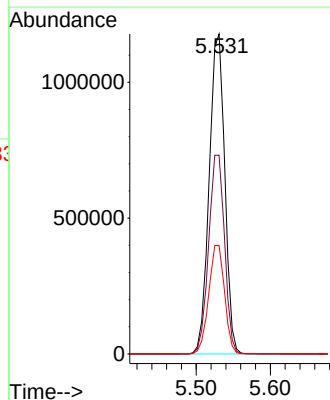
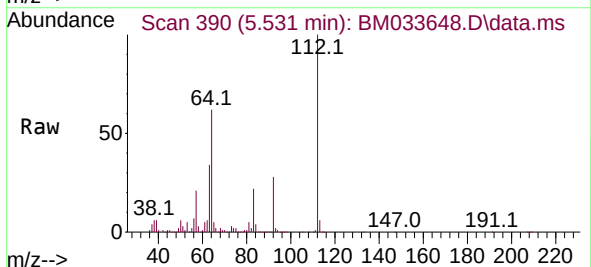
Instrument :
BNA_M
ClientSampleId :
PB141851BL

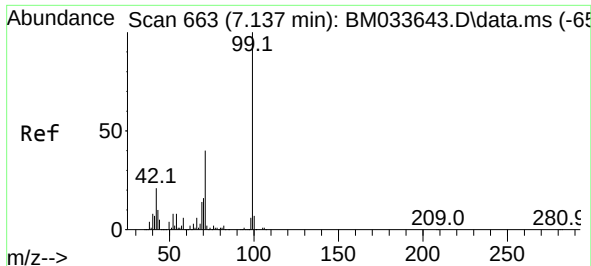
Tgt Ion:152 Resp: 200488
Ion Ratio Lower Upper
152 100
150 159.2 128.9 193.3
115 67.6 53.0 79.6



#5
2-Fluorophenol
Concen: 135.207 ng
RT: 5.531 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

Tgt Ion:112 Resp: 1718774
Ion Ratio Lower Upper
112 100
64 62.1 55.5 83.3
63 33.9 31.3 46.9



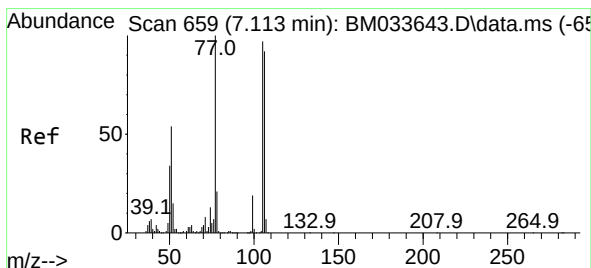
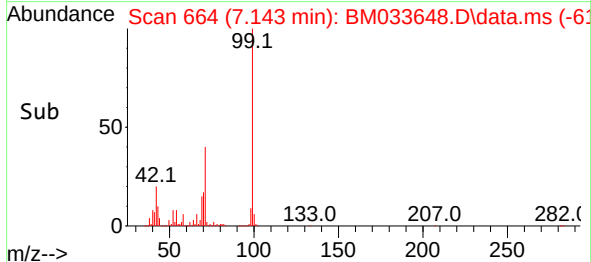
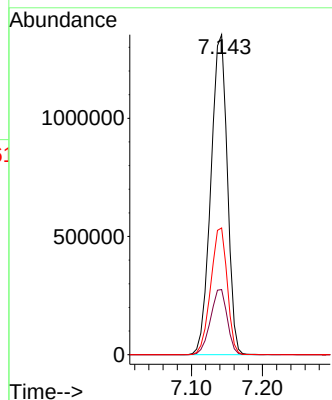
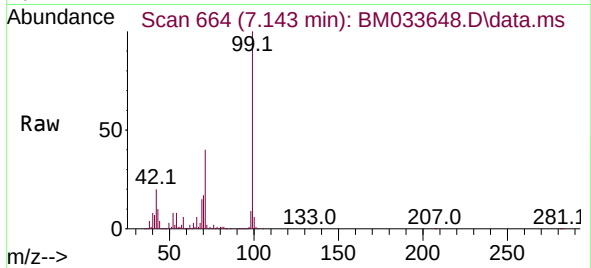


#7
Phenol-d6
Concen: 127.006 ng
RT: 7.143 min Scan# 664
Delta R.T. 0.006 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

Instrument :
BNA_M
ClientSampleId :
PB141851BL

Tgt Ion: 99 Resp: 2175988

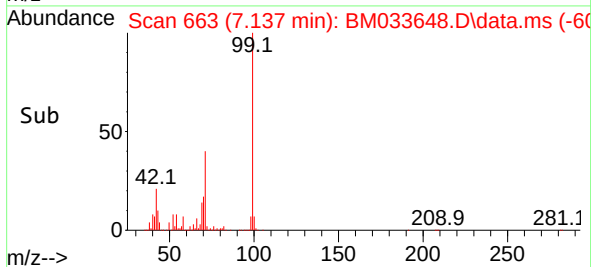
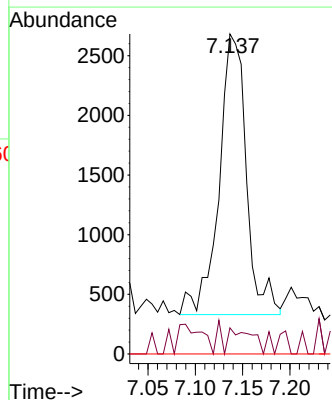
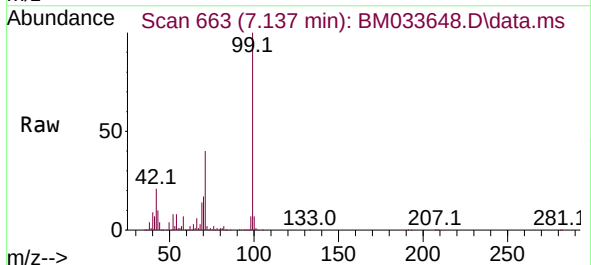
Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.3	30.5
71	39.6	34.5	51.7

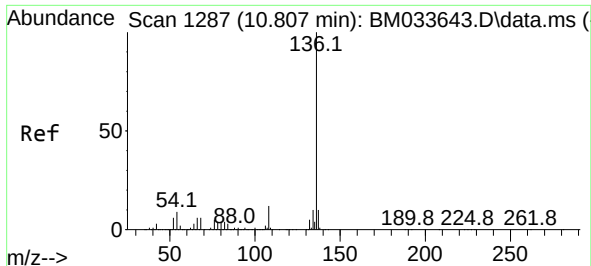


#9
Benzaldehyde
Concen: Below Cal
RT: 7.137 min Scan# 663
Delta R.T. 0.024 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

Tgt Ion: 77 Resp: 4731

Ion	Ratio	Lower	Upper
77	100		
105	8.2	67.1	107.1#
106	0.0	64.3	104.3#

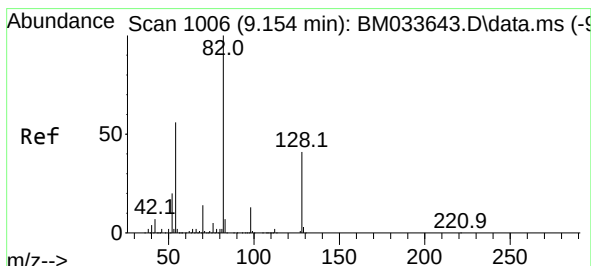
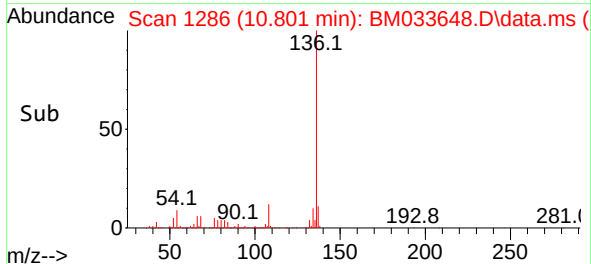
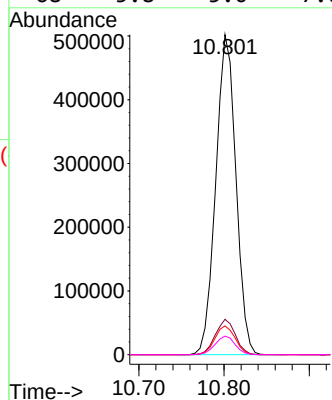
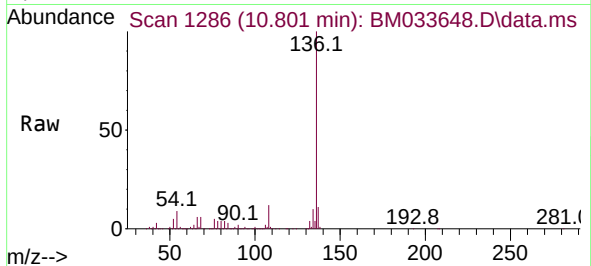




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.801 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

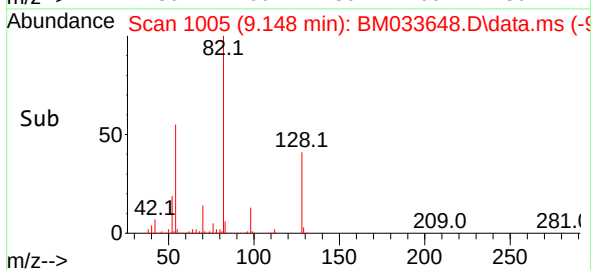
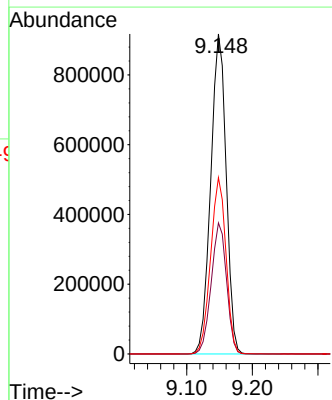
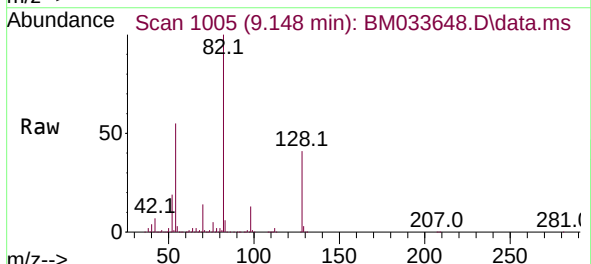
Instrument :
BNA_M
ClientSampleId :
PB141851BL

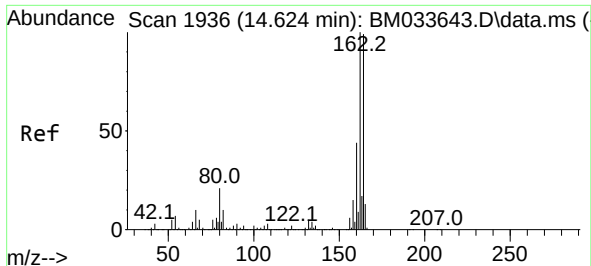
Tgt Ion:136 Resp: 823628
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 8.3 12.5
68 5.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 84.252 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

Tgt Ion: 82 Resp: 1502563
Ion Ratio Lower Upper
82 100
128 40.9 28.1 42.1
54 55.1 46.1 69.1

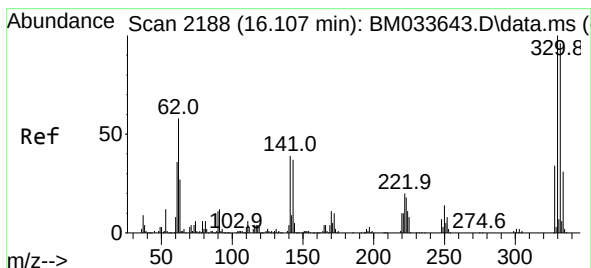
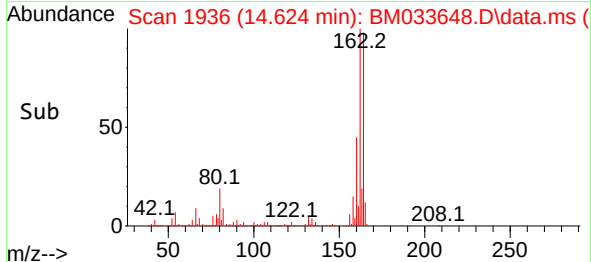
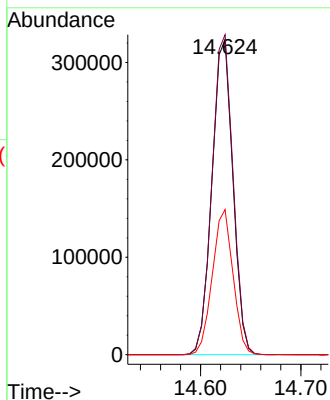
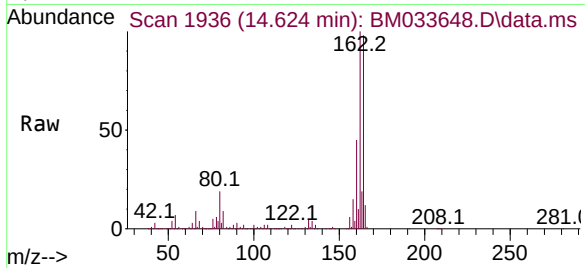




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

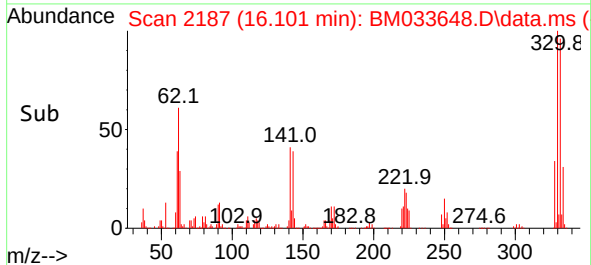
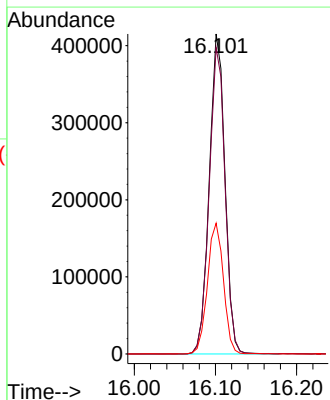
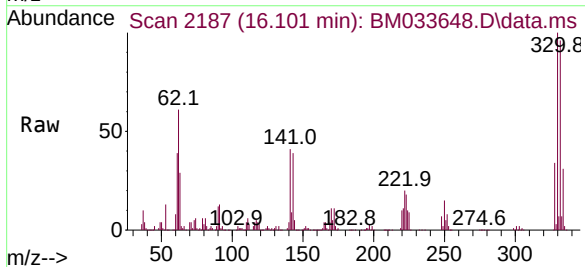
Instrument :
BNA_M
ClientSampleId :
PB141851BL

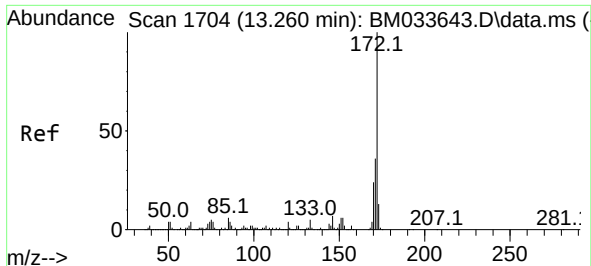
Tgt Ion:164 Resp: 468561
Ion Ratio Lower Upper
164 100
162 101.5 79.7 119.5
160 46.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 113.753 ng
RT: 16.101 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

Tgt Ion:330 Resp: 556707
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 41.9 35.9 53.9

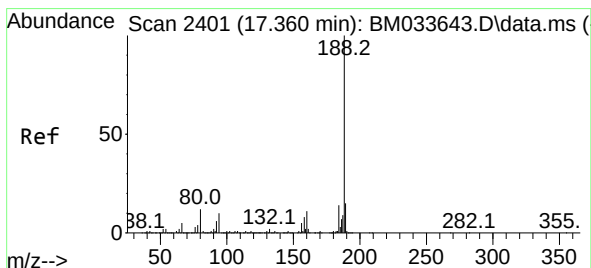
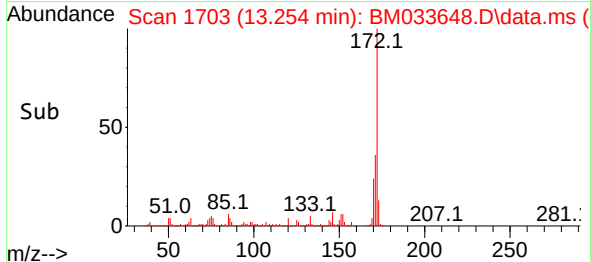
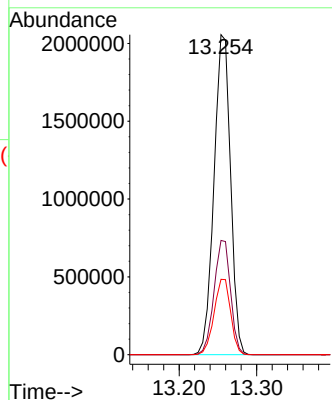
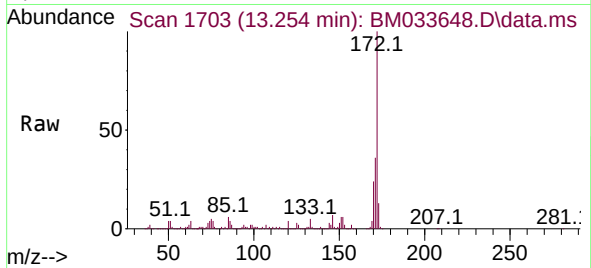




#45
2-Fluorobiphenyl
Concen: 85.108 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

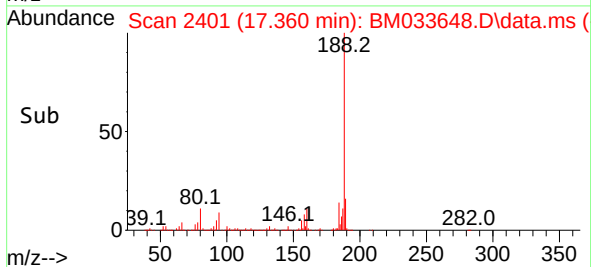
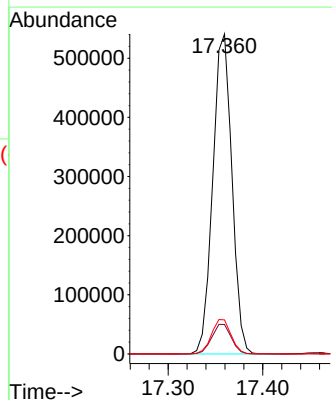
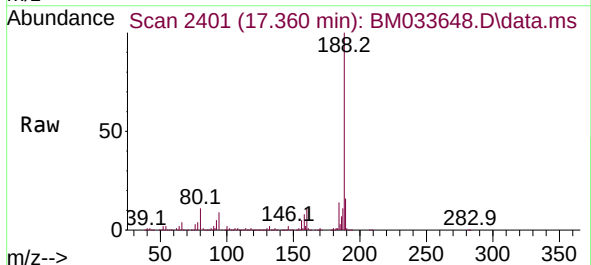
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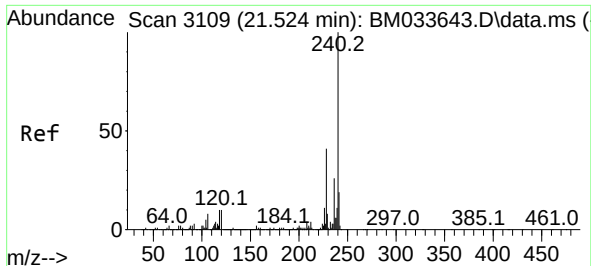
Tgt Ion:172 Resp: 3044644
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

Tgt Ion:188 Resp: 757393
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.7 8.9 13.3

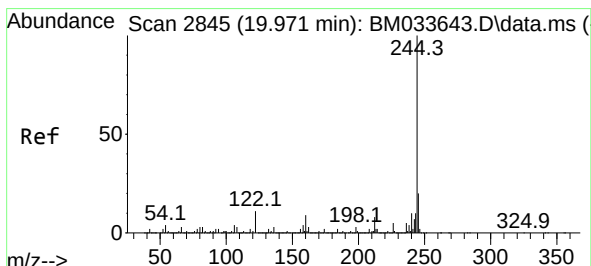
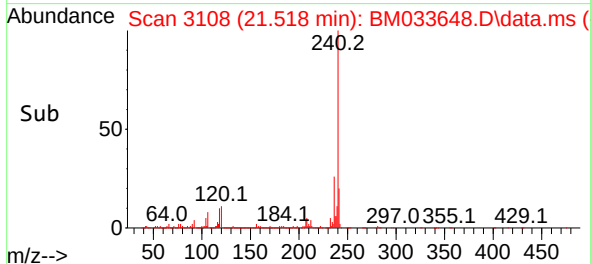
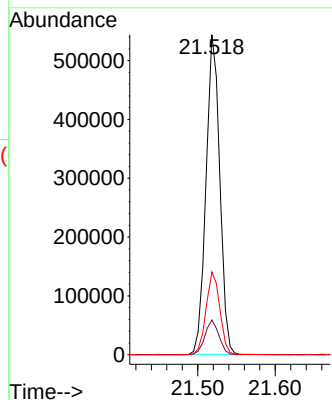
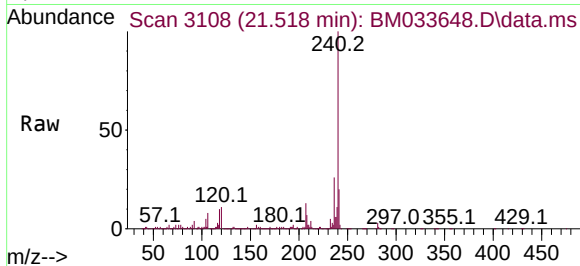




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

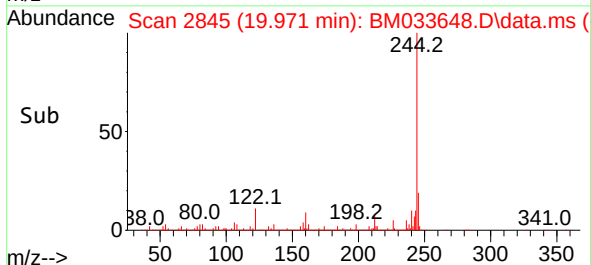
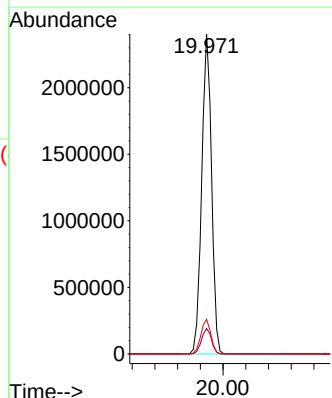
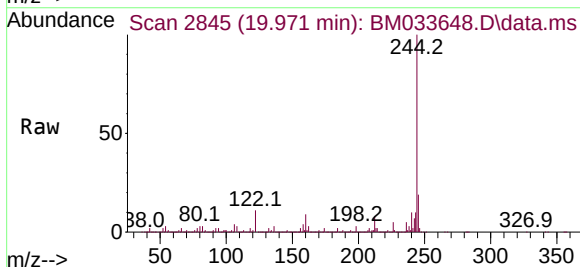
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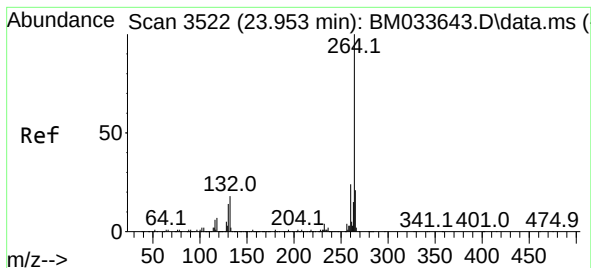
Tgt Ion:240 Resp: 672126
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 77.141 ng
RT: 19.971 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BM033648.D
Acq: 05 Jan 2022 18:13

Tgt Ion:244 Resp: 2880481
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.9 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.953 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM033648.D
 Acq: 05 Jan 2022 18:13

Instrument :
 BNA_M
 ClientSampleId :
 PB141851BL

Tgt Ion:264 Resp: 724212
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.7 26.5
 265 21.9 17.7 26.5

