

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
 Data File : BM033654.D
 Acq On : 05 Jan 2022 21:51
 Operator : CG/JU
 Sample : M5196-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMPOSITE-SAMPLE-2-SHALLOW

Quant Time: Jan 06 00:41:00 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)

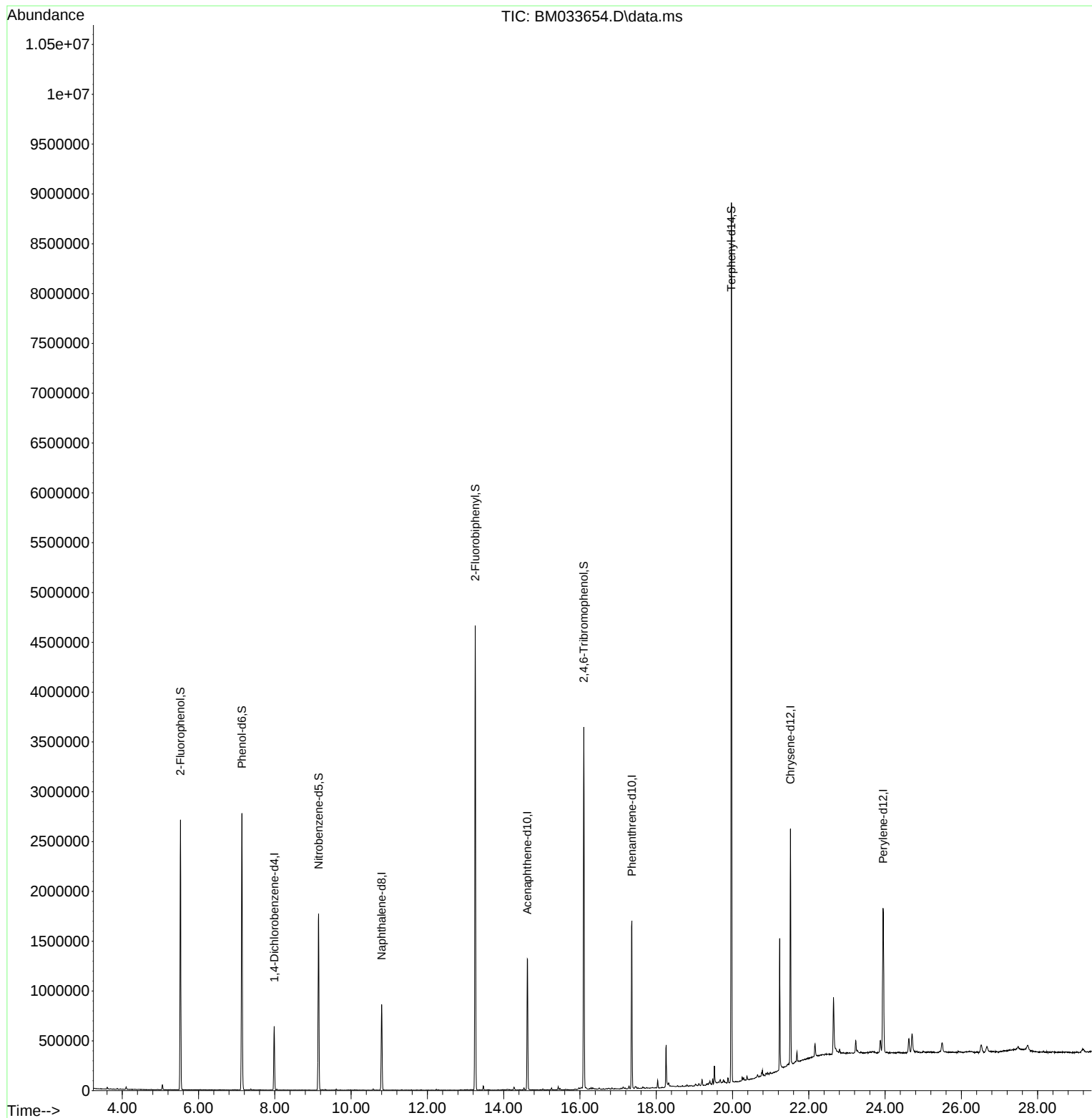
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	157901	20.000	ng	0.00
21) Naphthalene-d8	10.801	136	668449	20.000	ng	0.00
39) Acenaphthene-d10	14.619	164	443064	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	970466	20.000	ng	0.00
76) Chrysene-d12	21.518	240	1044759	20.000	ng	0.00
86) Perylene-d12	23.947	264	1077244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	1018230	101.702	ng	0.00
7) Phenol-d6	7.137	99	1400208	103.768	ng	0.00
23) Nitrobenzene-d5	9.148	82	968774	66.932	ng	0.00
42) 2,4,6-Tribromophenol	16.101	330	581694	125.699	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	2163603	63.960	ng	0.00
79) Terphenyl-d14	19.971	244	3631058	62.559	ng	0.00
Target Compounds						
9) Benzaldehyde	7.137	77	4473	Below Cal	Qvalue #	11

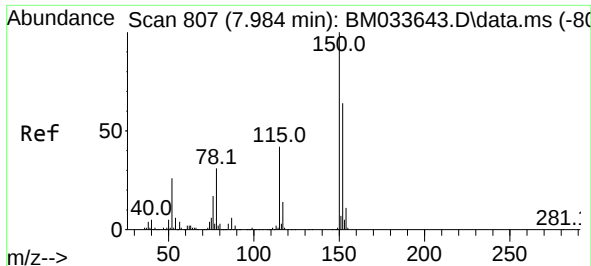
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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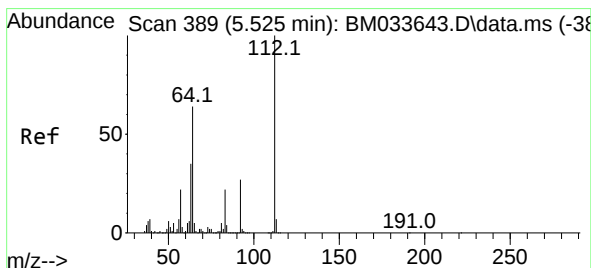
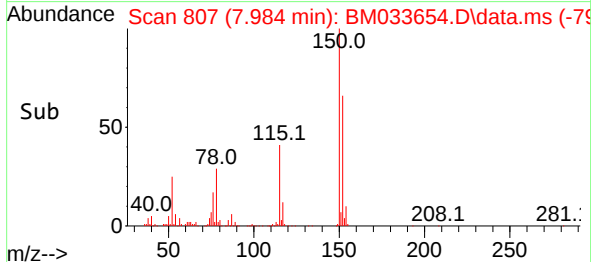
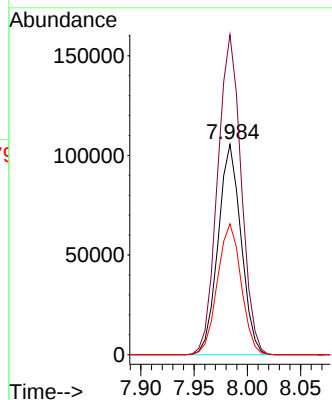
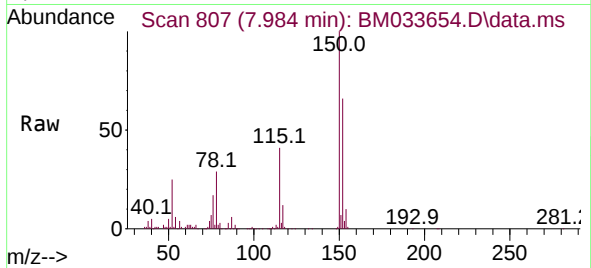




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

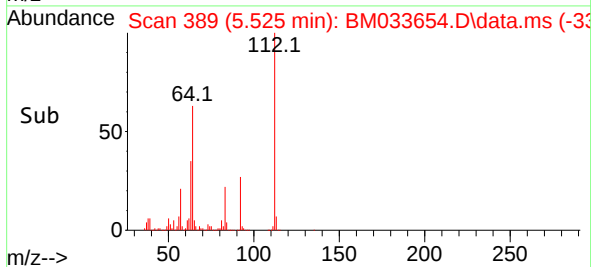
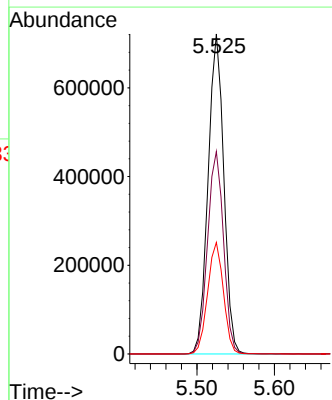
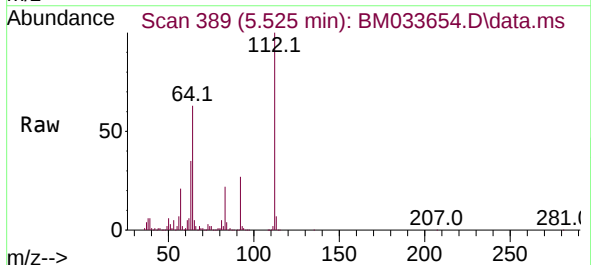
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SAMPLE-2-SHALLOW

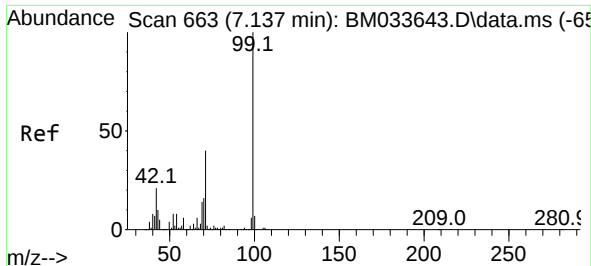
Tgt Ion:152 Resp: 157901
Ion Ratio Lower Upper
152 100
150 152.2 128.9 193.3
115 62.2 53.0 79.6



#5
2-Fluorophenol
Concen: 101.702 ng
RT: 5.525 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

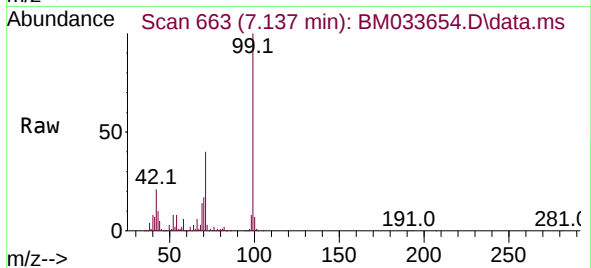
Tgt Ion:112 Resp: 1018230
Ion Ratio Lower Upper
112 100
64 63.3 55.5 83.3
63 34.9 31.3 46.9





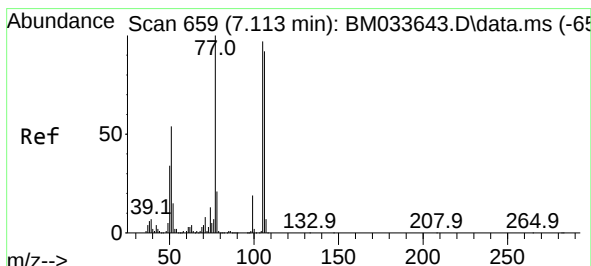
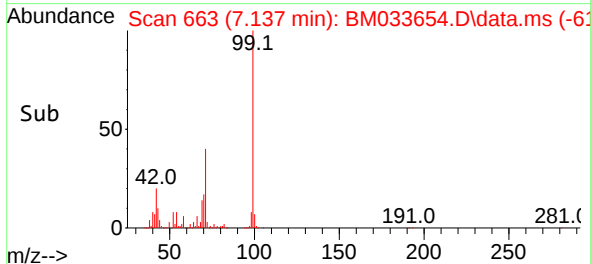
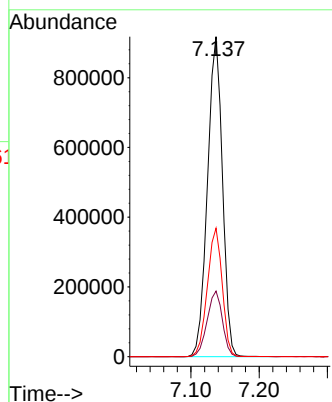
#7
Phenol-d6
Concen: 103.768 ng
RT: 7.137 min Scan# 663
Delta R.T. -0.000 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SAMPLE-2-SHALLOW



Tgt Ion: 99 Resp: 1400208

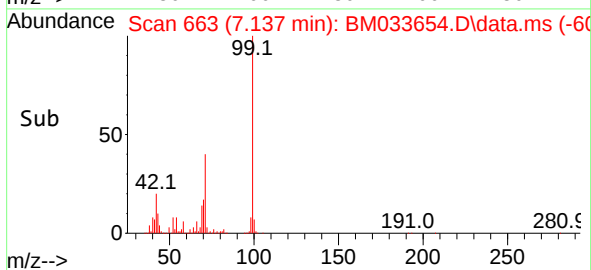
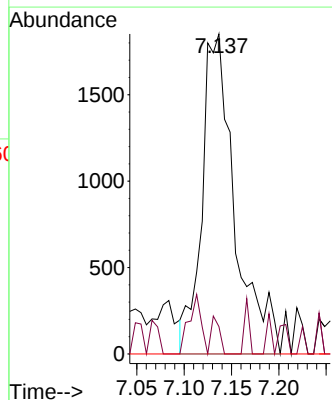
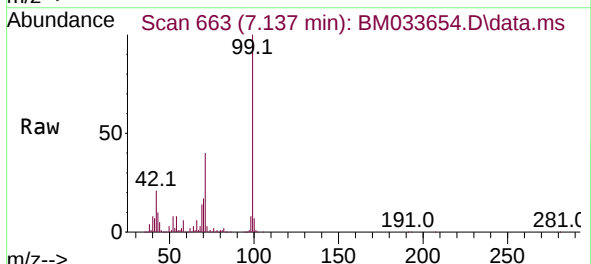
Ion	Ratio	Lower	Upper
99	100		
42	20.5	20.3	30.5
71	40.1	34.5	51.7

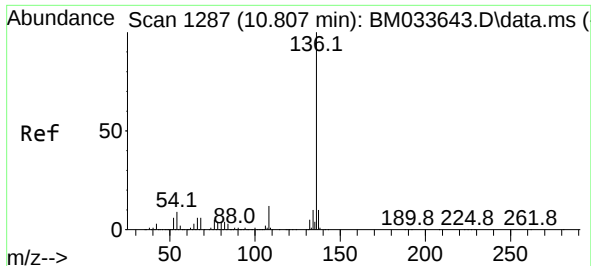


#9
Benzaldehyde
Concen: Below Cal
RT: 7.137 min Scan# 663
Delta R.T. 0.024 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

Tgt Ion: 77 Resp: 4473

Ion	Ratio	Lower	Upper
77	100		
105	8.5	67.1	107.1#
106	0.0	64.3	104.3#

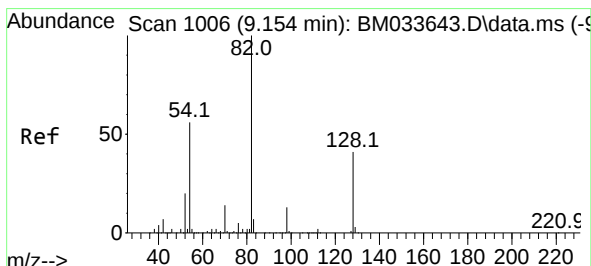
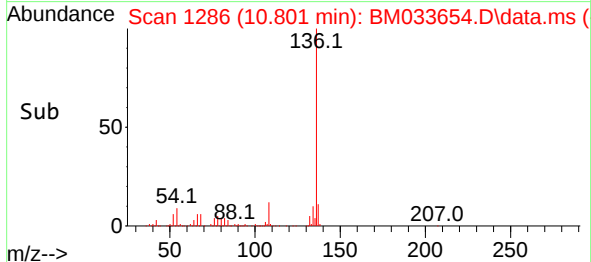
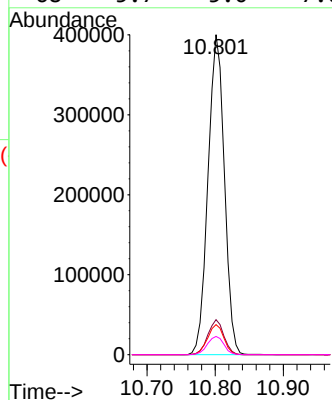
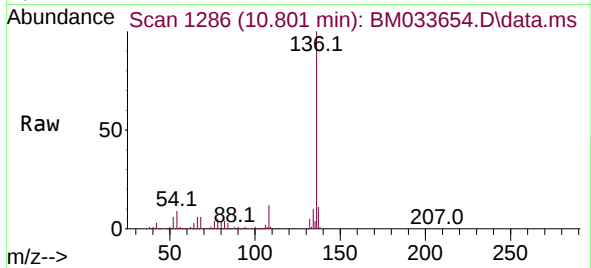




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.801 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

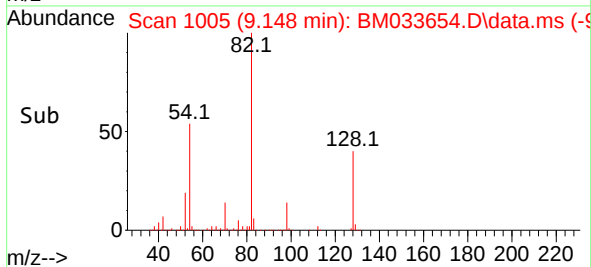
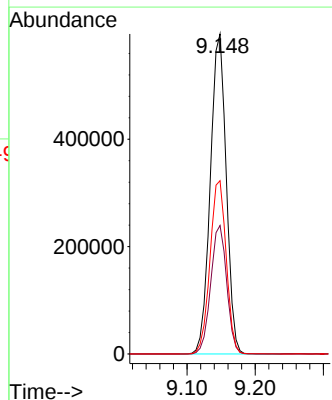
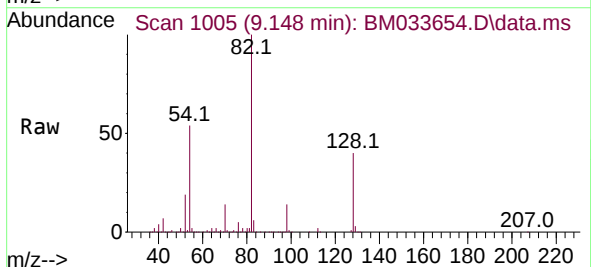
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SAMPLE-2-SHALLOW

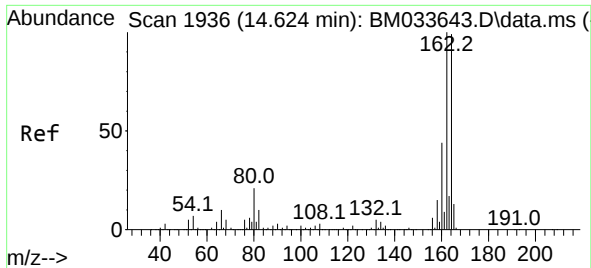
Tgt Ion:136 Resp: 668449
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.4 8.3 12.5
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 66.932 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

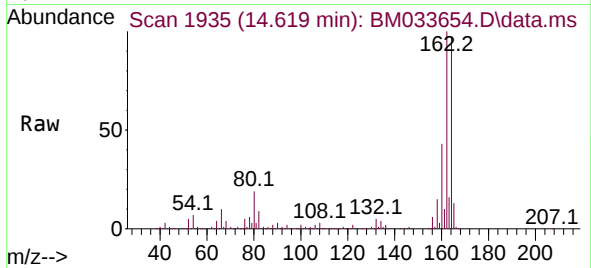
Tgt Ion: 82 Resp: 968774
Ion Ratio Lower Upper
82 100
128 40.1 28.1 42.1
54 54.1 46.1 69.1



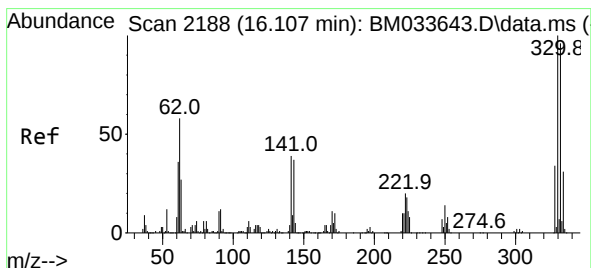
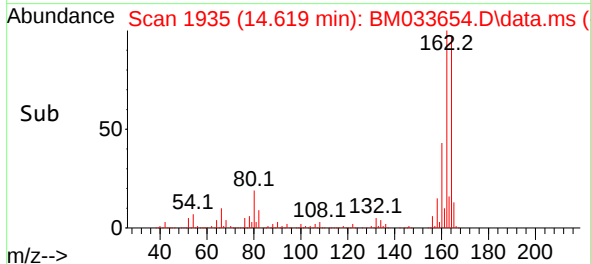
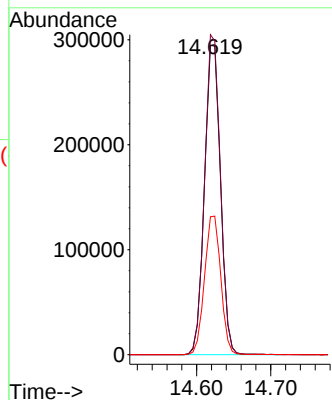


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SAMPLE-2-SHALLOW

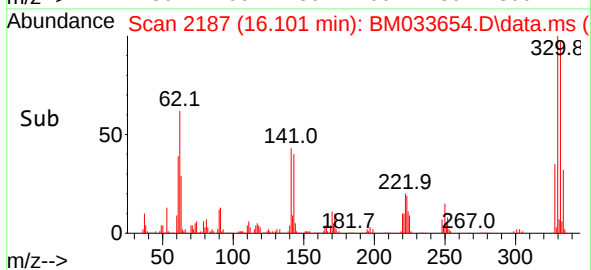
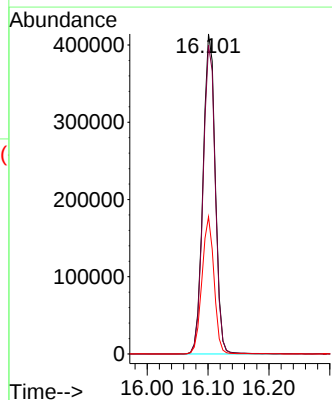
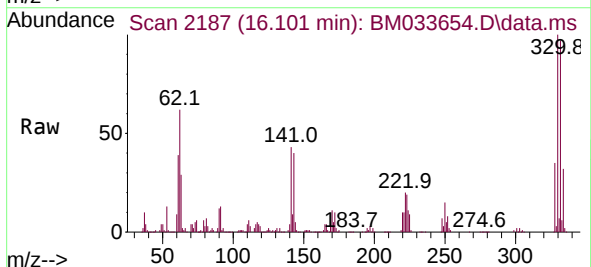


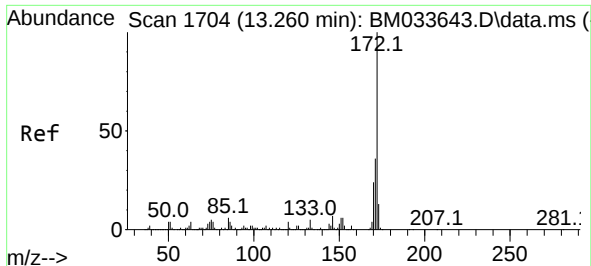
Tgt Ion:164 Resp: 443064
Ion Ratio Lower Upper
164 100
162 103.4 79.7 119.5
160 44.6 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 125.699 ng
RT: 16.101 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

Tgt Ion:330 Resp: 581694
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 42.1 35.9 53.9

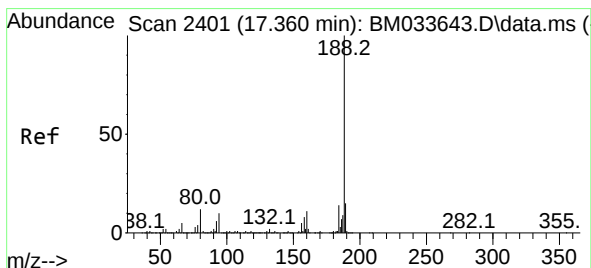
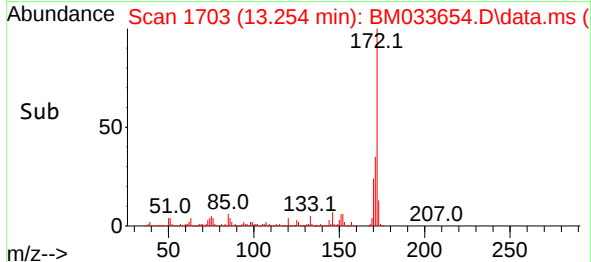
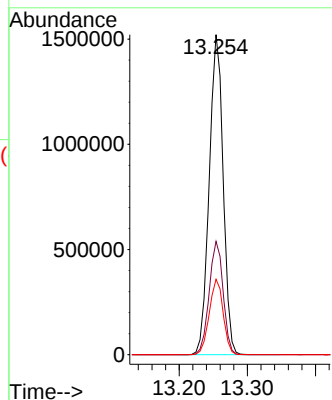
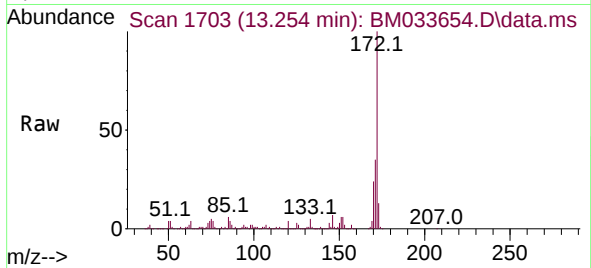




#45
2-Fluorobiphenyl
Concen: 63.960 ng
RT: 13.254 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

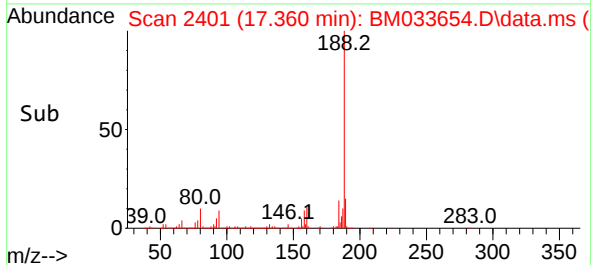
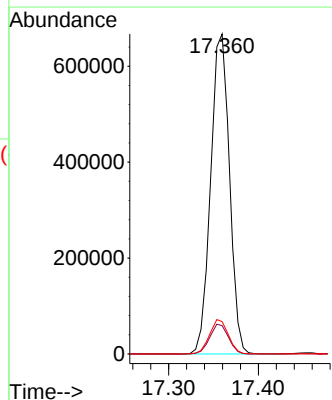
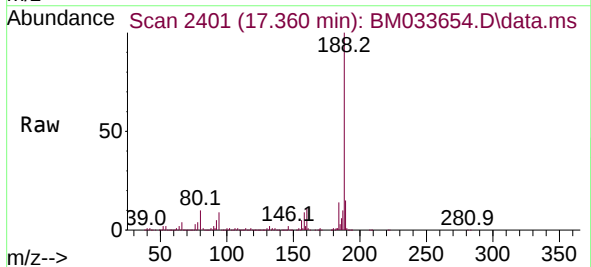
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ClientSampleId :
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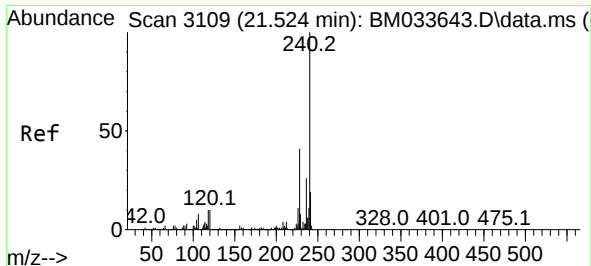
Tgt Ion:172 Resp: 2163603
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

Tgt Ion:188 Resp: 970466
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.1 8.9 13.3

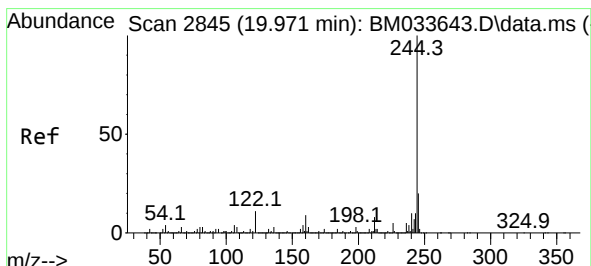
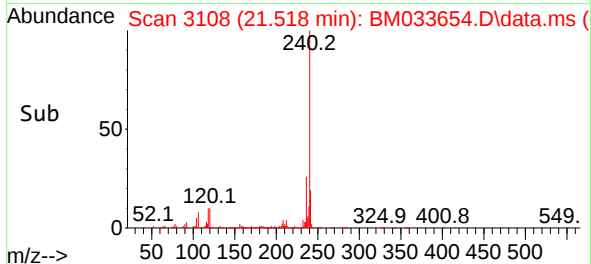
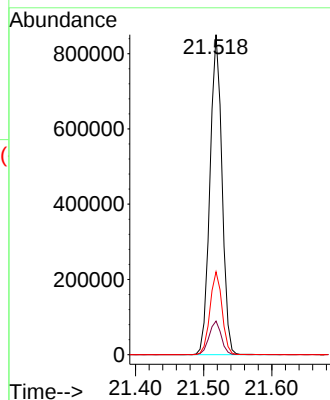
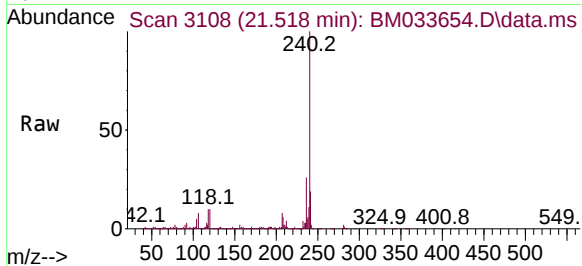




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

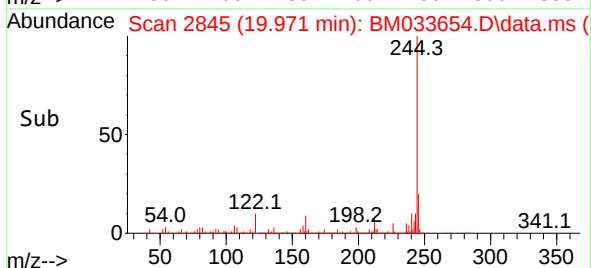
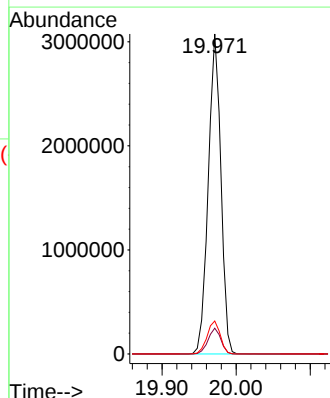
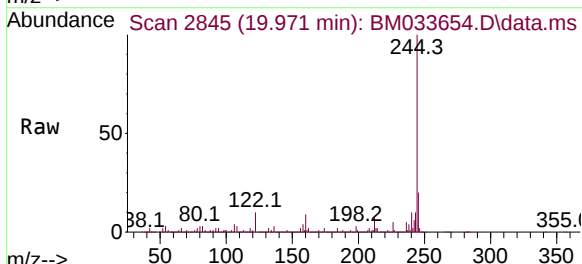
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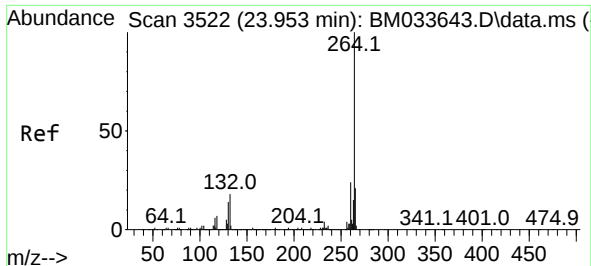
Tgt Ion:240 Resp: 1044759
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 62.559 ng
RT: 19.971 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

Tgt Ion:244 Resp: 3631058
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.3 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.947 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033654.D
Acq: 05 Jan 2022 21:51

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-SAMPLE-2-SHALLOW

Tgt Ion:264 Resp: 1077244

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.7	26.5
265	21.8	17.7	26.5

