

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
 Data File : BM035274.D
 Acq On : 26 May 2022 18:51
 Operator : CG/JU
 Sample : PB145105TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145105TB

Quant Time: May 27 03:35:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 26 18:41:37 2022
 Response via : Initial Calibration

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

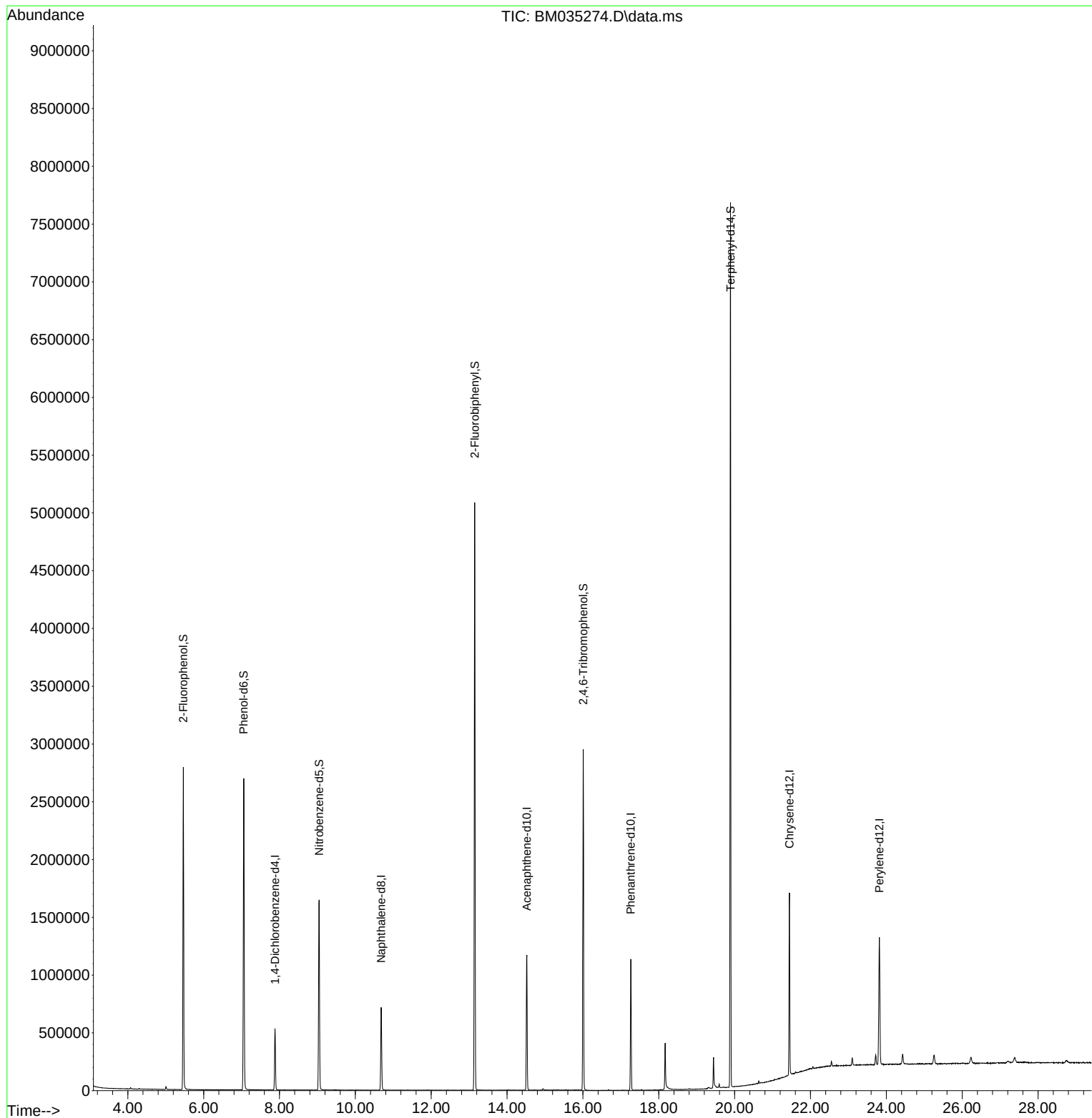
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	145357	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	594600	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	412601	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	698221	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	806446	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	854438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1123887	149.433	ng	0.00
7) Phenol-d6	7.057	99	1428009	136.755	ng	0.00
23) Nitrobenzene-d5	9.045	82	934372	90.586	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	632018	93.671	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2484430	85.553	ng	0.00
79) Terphenyl-d14	19.892	244	3746201	90.971	ng	0.00
Target Compounds						
9) Benzaldehyde	7.057	77	3605	Below Cal	#	Qvalue 3

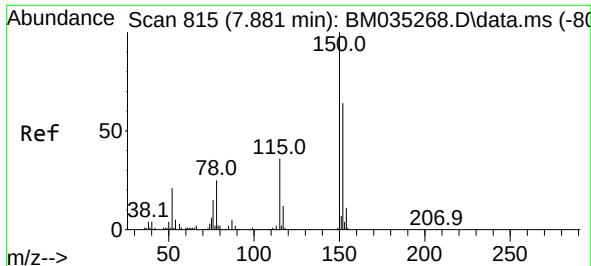
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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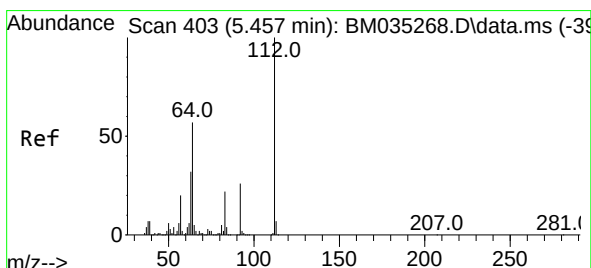
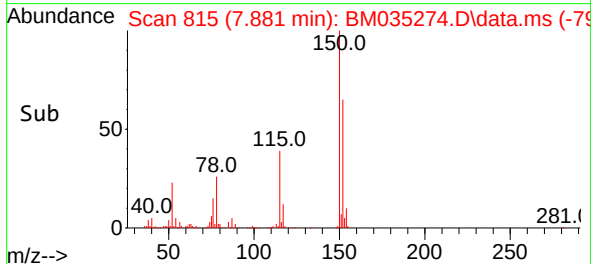
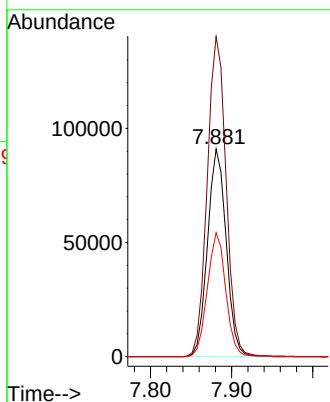
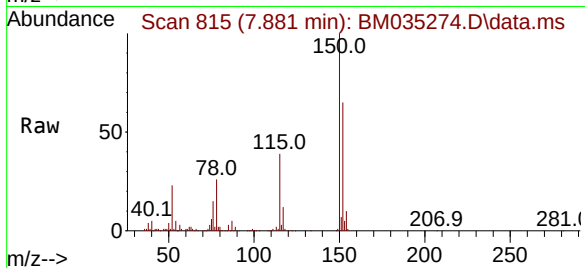




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

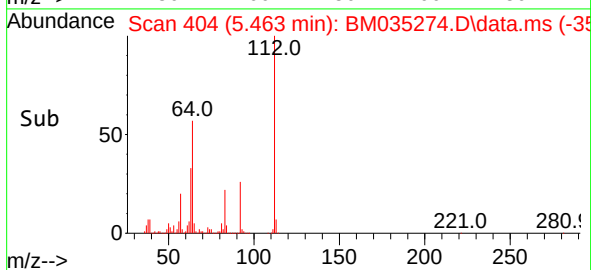
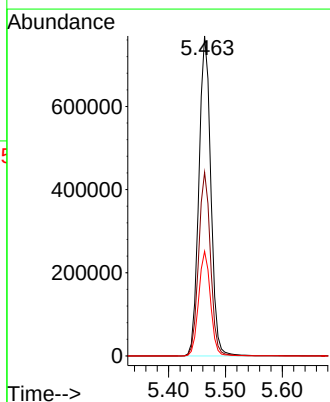
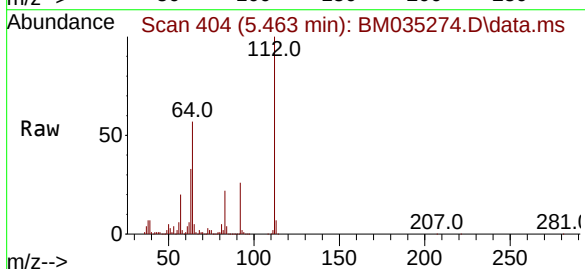
Instrument :
BNA_M
ClientSampleId :
PB145105TB

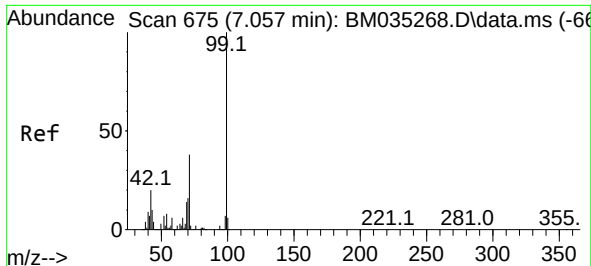
Tgt Ion:152 Resp: 145357
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 59.7 47.9 71.9



#5
2-Fluorophenol
Concen: 149.433 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

Tgt Ion:112 Resp: 1123887
Ion Ratio Lower Upper
112 100
64 57.4 47.8 71.6
63 32.7 26.6 40.0



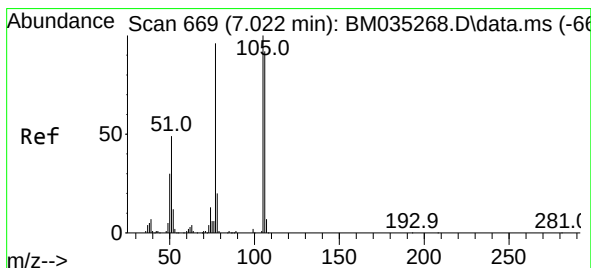
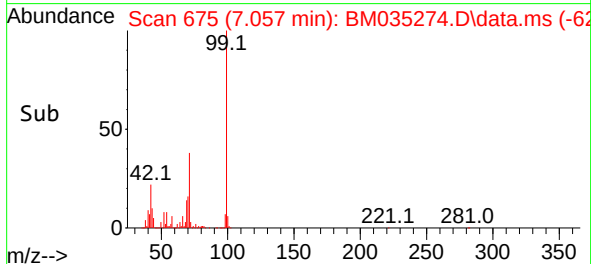
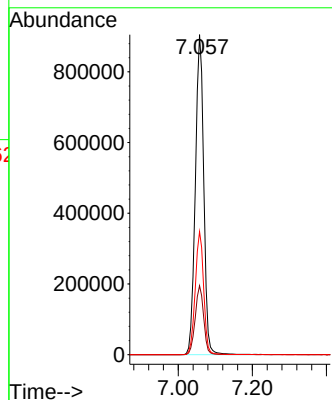
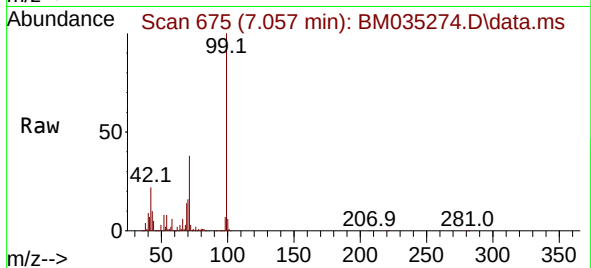


#7
Phenol-d6
Concen: 136.755 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.000 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

Instrument :
BNA_M
ClientSampleId :
PB145105TB

Tgt Ion: 99 Resp: 1428009

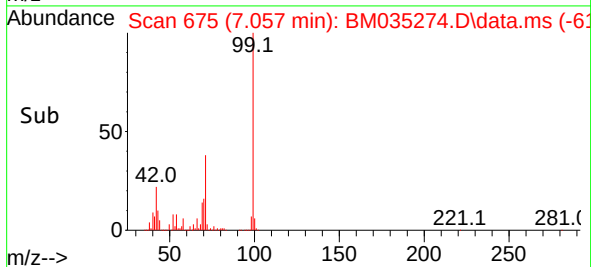
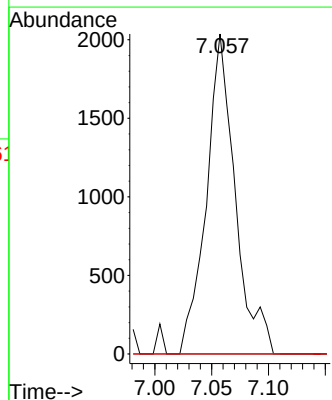
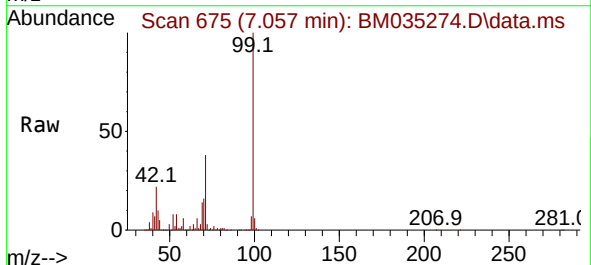
Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.8	28.2
71	38.4	30.2	45.2

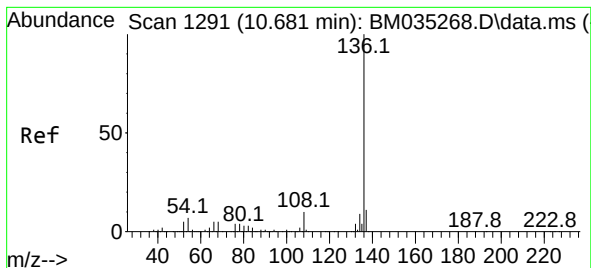


#9
Benzaldehyde
Concen: Below Cal
RT: 7.057 min Scan# 675
Delta R.T. 0.035 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

Tgt Ion: 77 Resp: 3605

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.3	116.3#
106	0.0	69.0	109.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.681 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BM035274.D

Acq: 26 May 2022 18:51

Instrument :

BNA_M

ClientSampleId :

PB145105TB

Tgt Ion:136 Resp: 594600

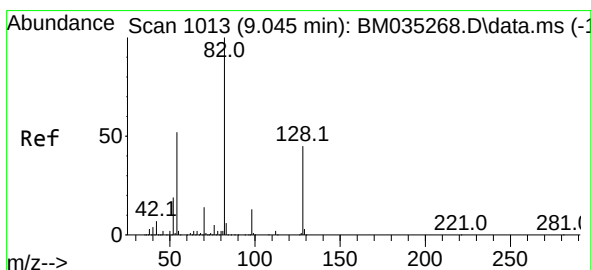
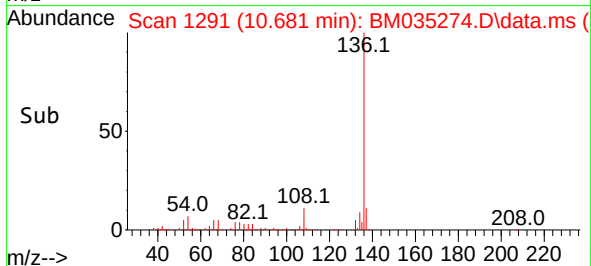
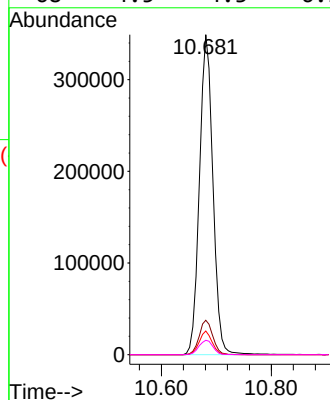
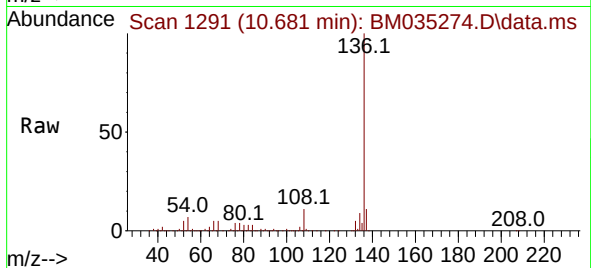
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 7.0 10.4

68 4.5 4.3 6.5



#23

Nitrobenzene-d5

Concen: 90.586 ng

RT: 9.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BM035274.D

Acq: 26 May 2022 18:51

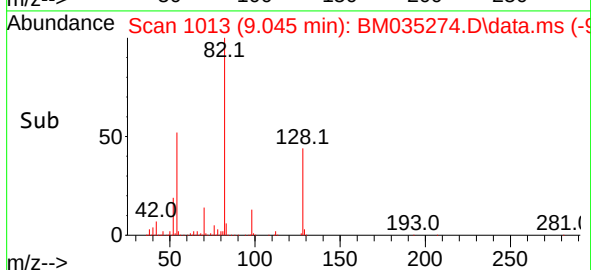
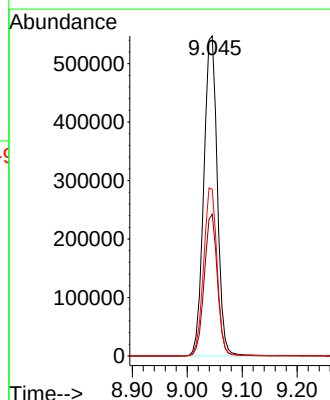
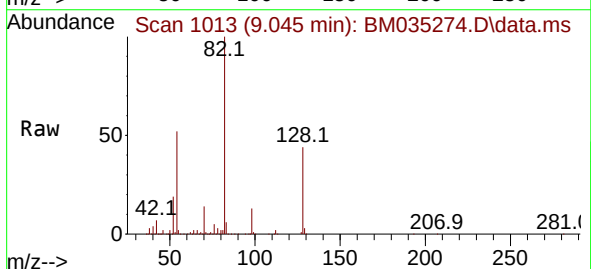
Tgt Ion: 82 Resp: 934372

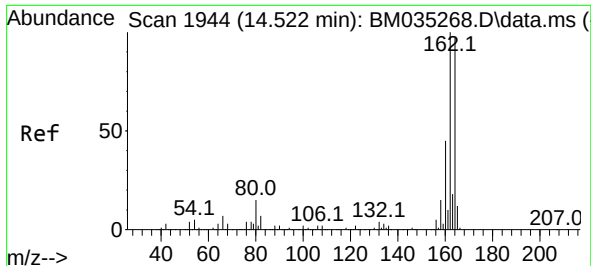
Ion Ratio Lower Upper

82 100

128 44.3 33.7 50.5

54 52.1 43.2 64.8

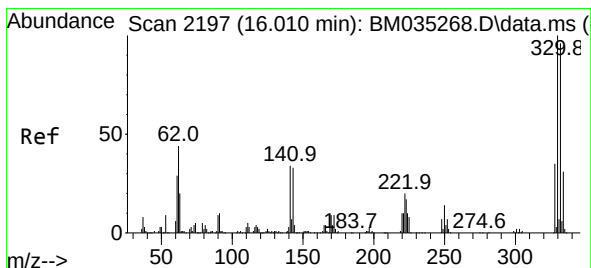
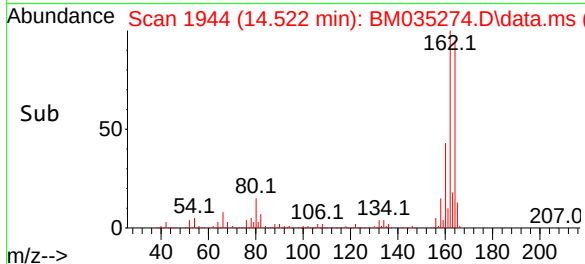
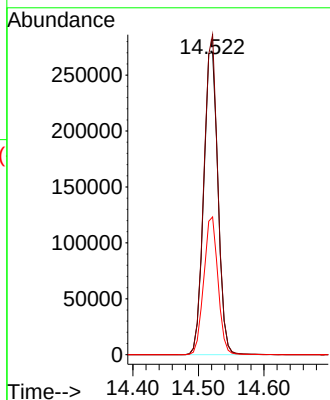
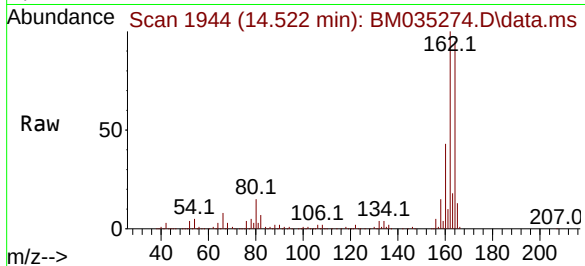




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

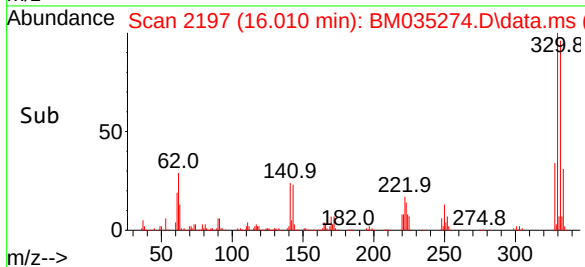
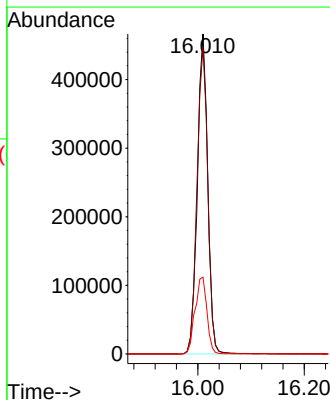
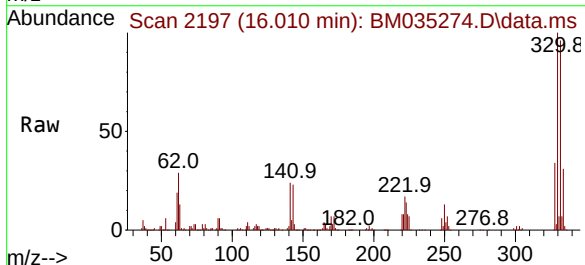
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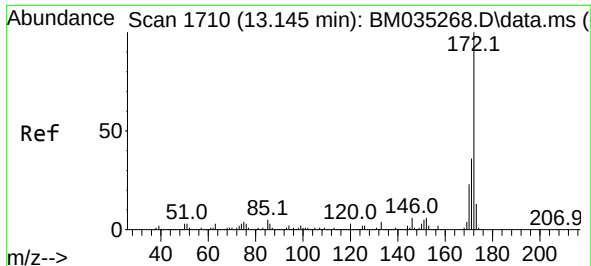
Tgt Ion:164 Resp: 412601
Ion Ratio Lower Upper
164 100
162 105.8 83.0 124.6
160 45.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 93.671 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

Tgt Ion:330 Resp: 632018
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.4
141 27.3 35.3 52.9#

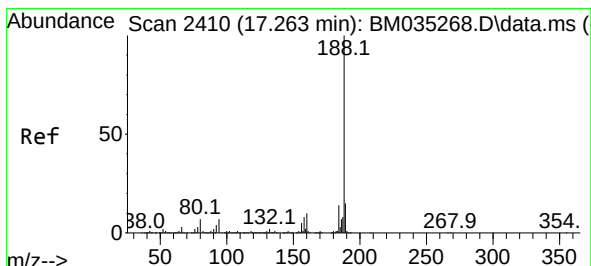
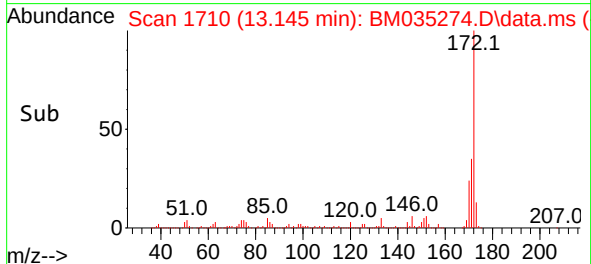
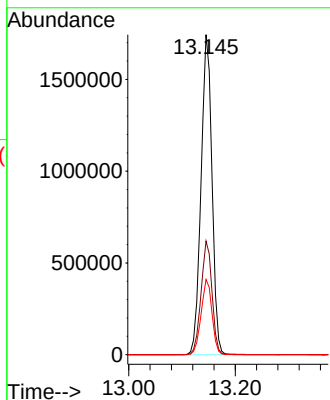
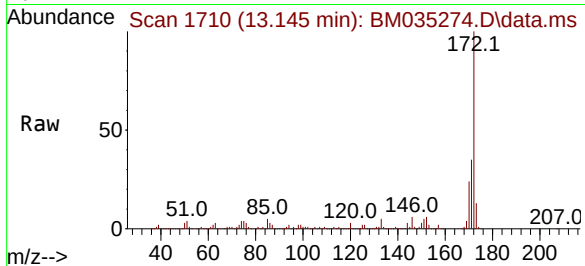




#45
2-Fluorobiphenyl
Concen: 85.553 ng
RT: 13.145 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

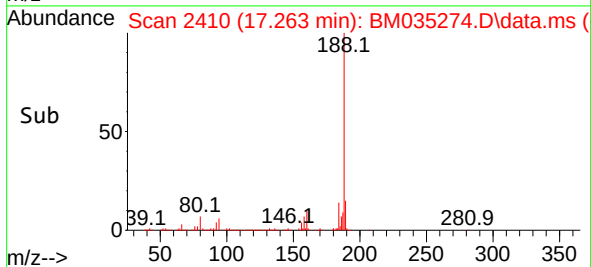
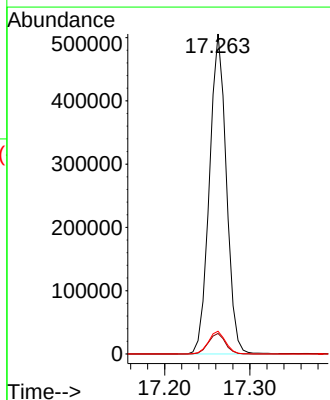
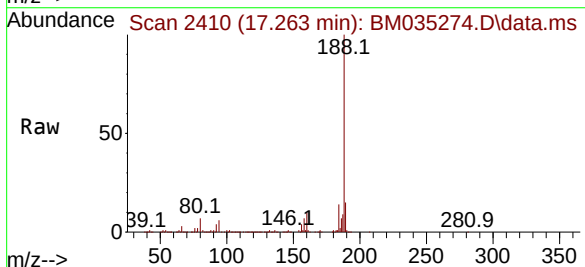
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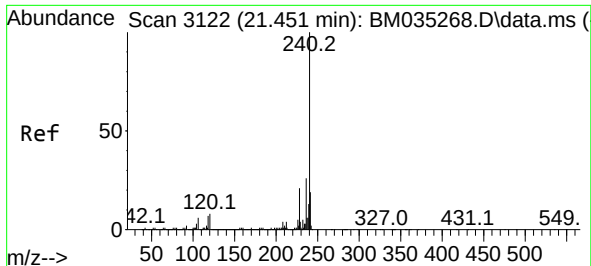
Tgt Ion:172 Resp: 2484430
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

Tgt Ion:188 Resp: 698221
Ion Ratio Lower Upper
188 100
94 6.4 7.0 10.4#
80 7.1 7.6 11.4#

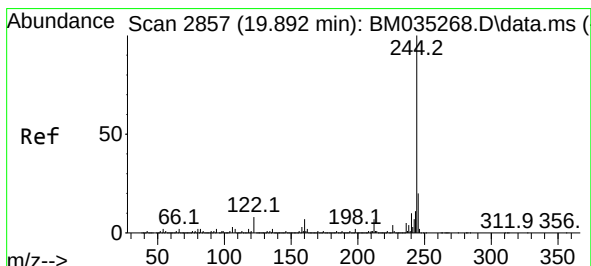
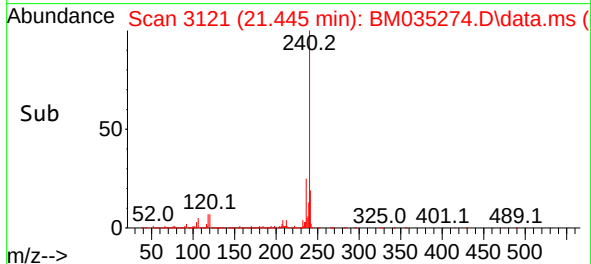
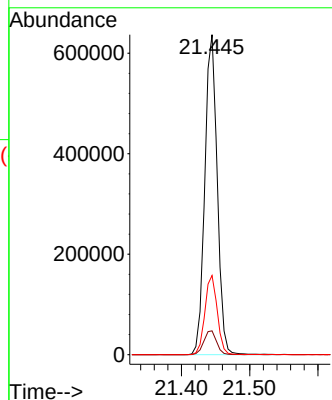
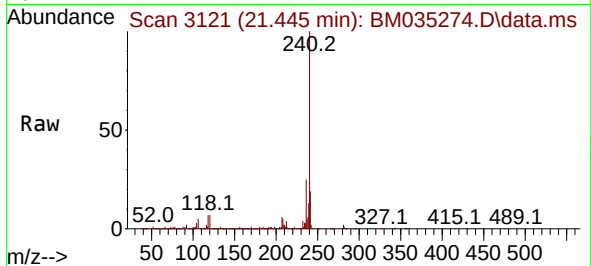




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

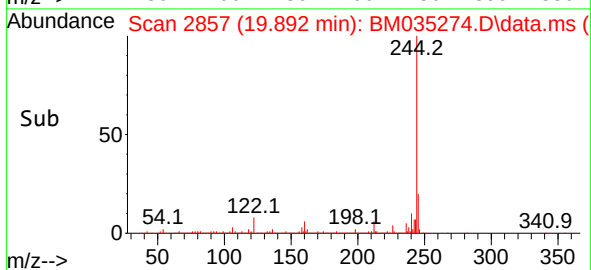
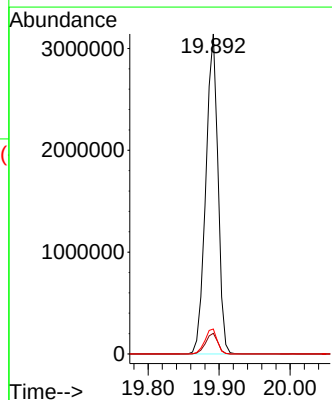
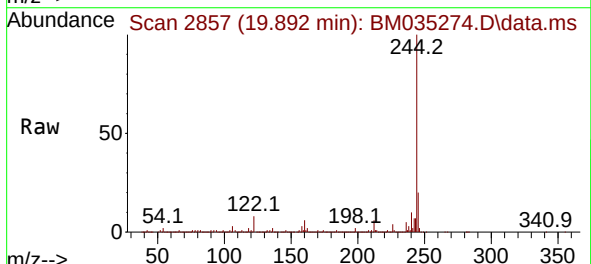
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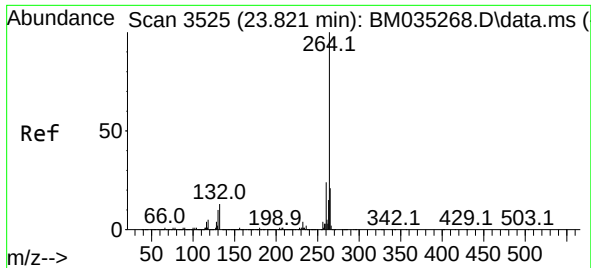
Tgt Ion:240 Resp: 806446
Ion Ratio Lower Upper
240 100
120 7.4 9.4 14.0#
236 24.8 20.6 30.8



#79
Terphenyl-d14
Concen: 90.971 ng
RT: 19.892 min Scan# 2857
Delta R.T. 0.000 min
Lab File: BM035274.D
Acq: 26 May 2022 18:51

Tgt Ion:244 Resp: 3746201
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.4
122 7.8 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM035274.D
 Acq: 26 May 2022 18:51

Instrument :
 BNA_M
 ClientSampleId :
 PB145105TB

Tgt Ion:264 Resp: 854438
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.9 28.3
 265 22.0 17.5 26.3

