

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
Data File : BM044085.D
Acq On : 14 Feb 2024 16:37
Operator : MA/JU
Sample : P1423-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3

Quant Time: Feb 14 17:11:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	500376	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2061634	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1146324	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2173416	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1414545	20.000	ng	0.00
86) Perylene-d12	23.897	264	1397978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4881284	141.883	ng	0.00
7) Phenol-d6	7.075	99	5703569	130.298	ng	0.00
23) Nitrobenzene-d5	9.075	82	3767214	96.963	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1399032	112.720	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	7435953	91.549	ng	0.00
79) Terphenyl-d14	19.944	244	7609541	94.304	ng	0.00

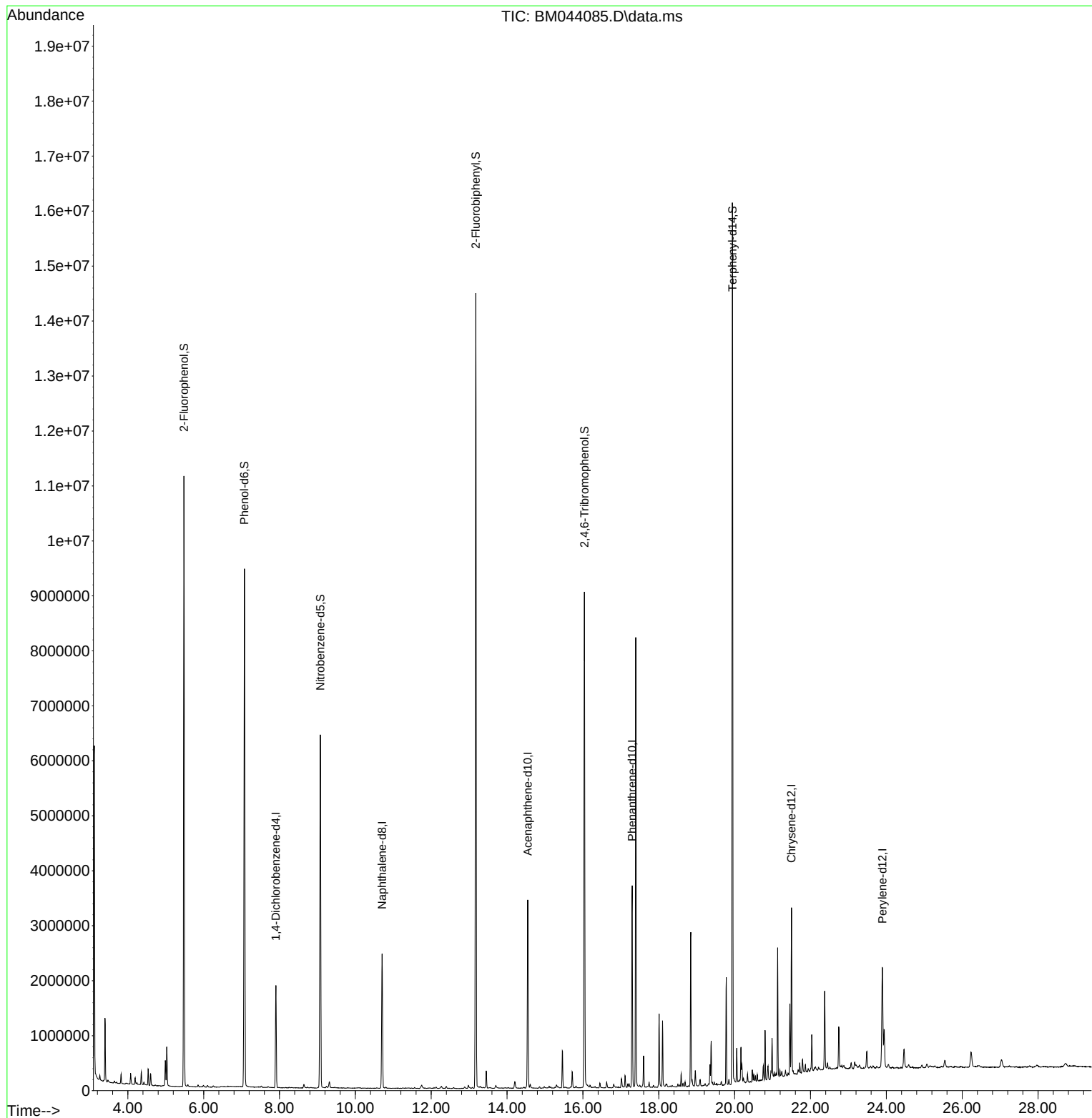
Target Compounds	Qvalue

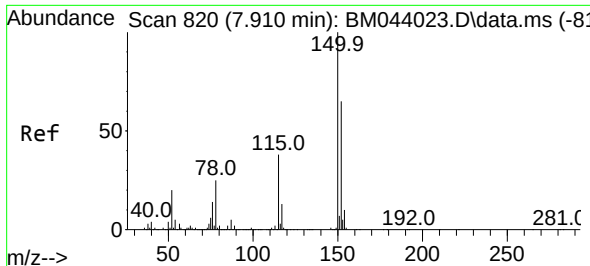
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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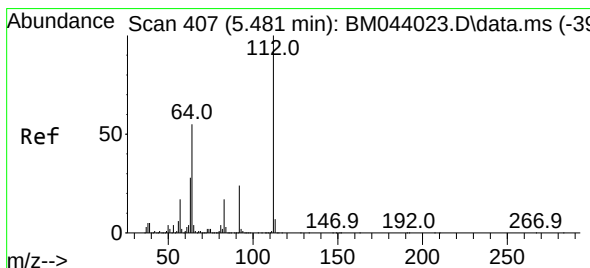
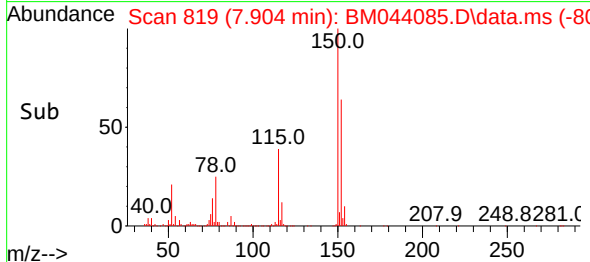
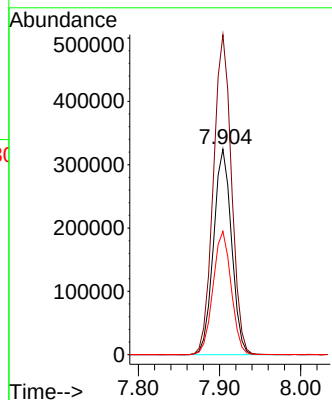
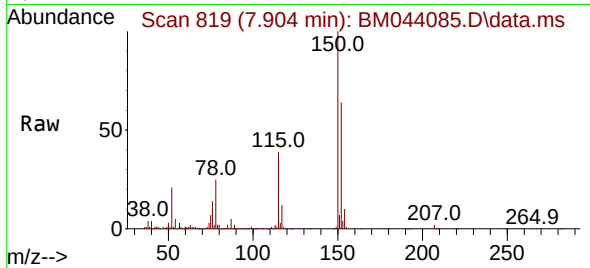




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044085.D
 Acq: 14 Feb 2024 16:37

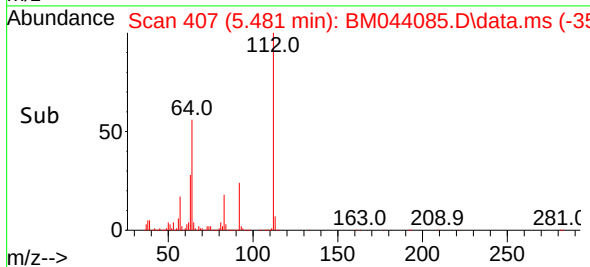
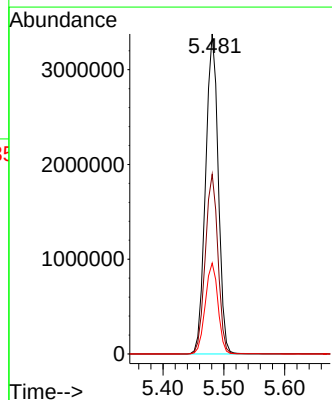
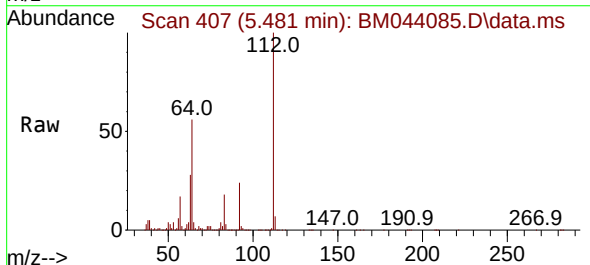
Instrument :
 BNA_M
 ClientSampleId :
 TP-3

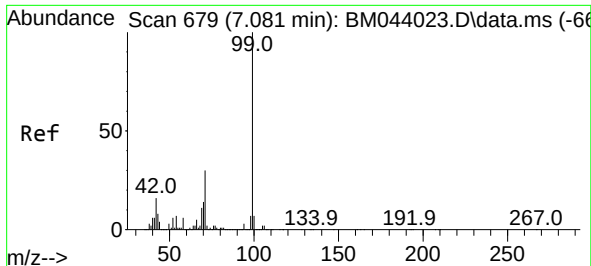
Tgt Ion:152 Resp: 500376
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.7 184.1
 115 60.0 47.0 70.6



#5
 2-Fluorophenol
 Concen: 141.883 ng
 RT: 5.481 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: BM044085.D
 Acq: 14 Feb 2024 16:37

Tgt Ion:112 Resp: 4881284
 Ion Ratio Lower Upper
 112 100
 64 56.2 44.2 66.4
 63 28.4 22.6 34.0

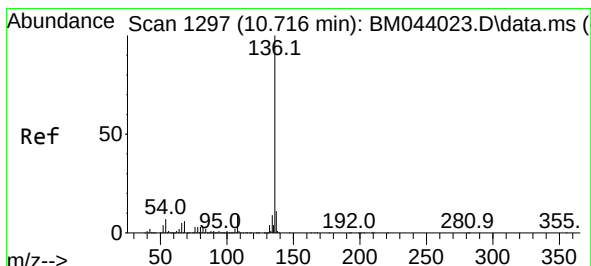
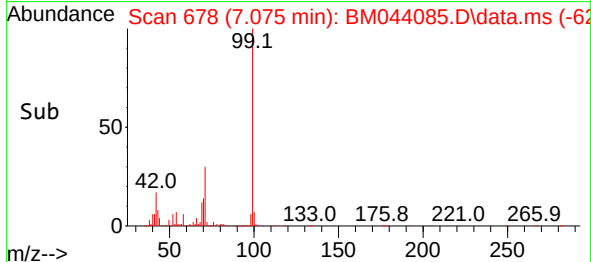
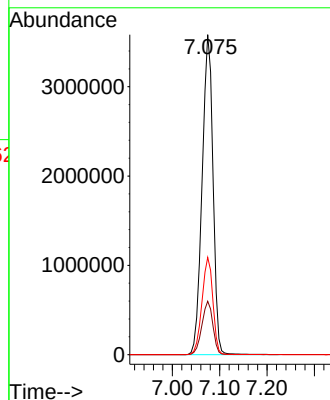
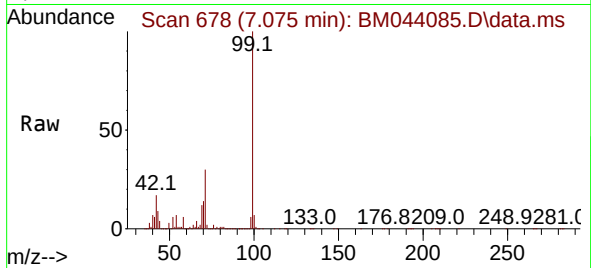




#7
Phenol-d6
Concen: 130.298 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

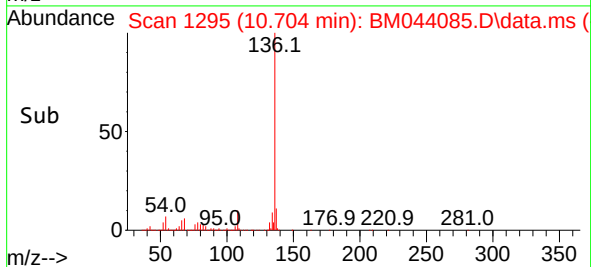
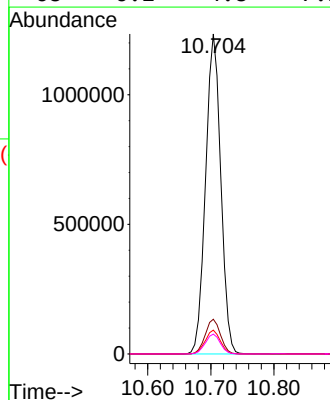
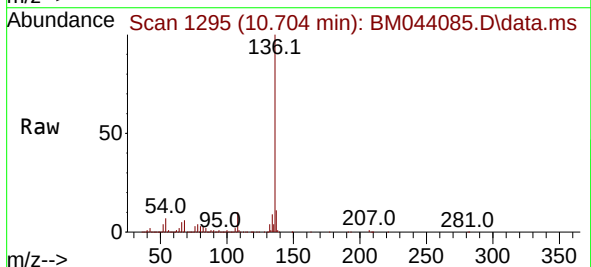
Instrument :
BNA_M
ClientSampleId :
TP-3

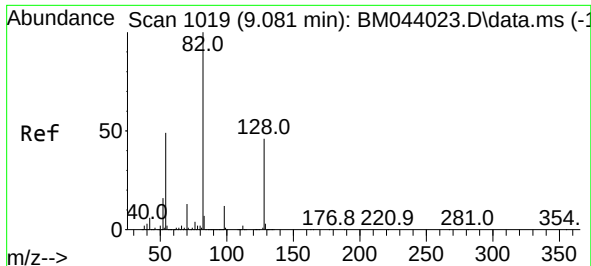
Tgt Ion: 99 Resp: 5703569
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 30.4 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

Tgt Ion: 136 Resp: 2061634
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 5.9 8.9
68 6.2 4.8 7.2

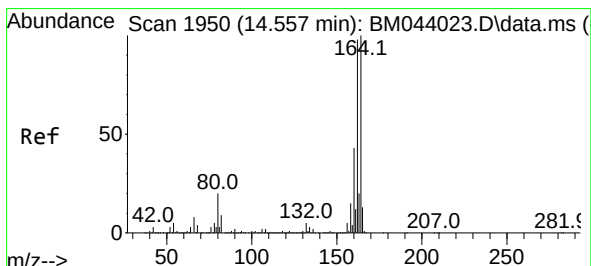
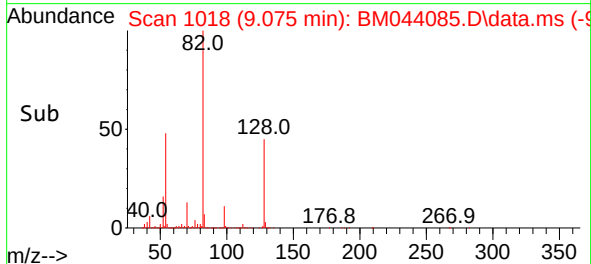
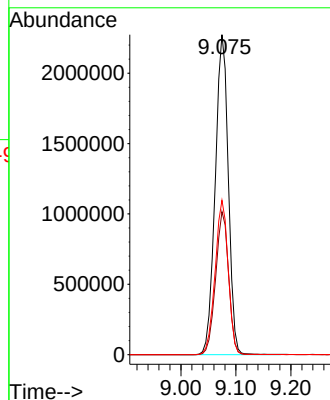
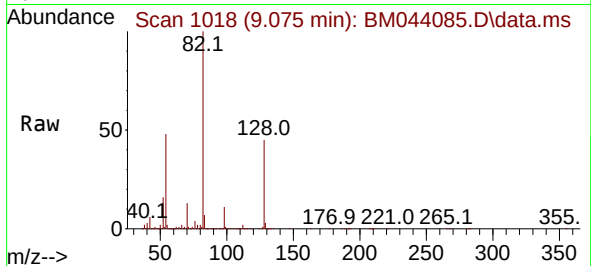




#23
Nitrobenzene-d5
Concen: 96.963 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

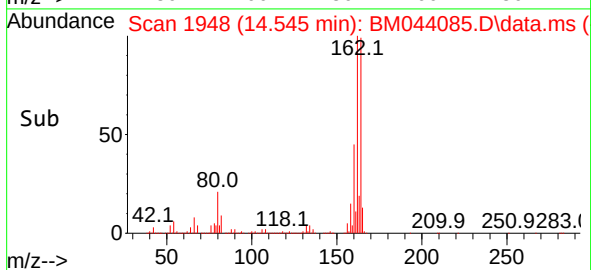
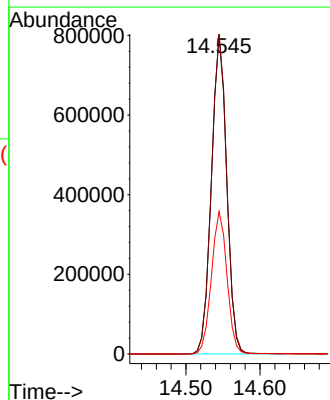
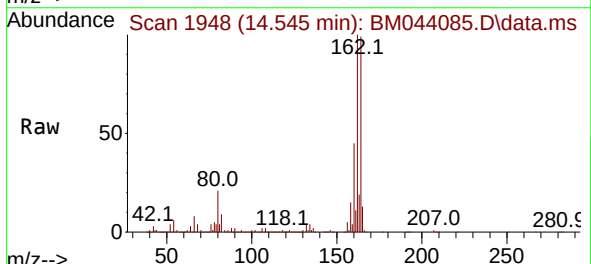
Instrument :
BNA_M
ClientSampleId :
TP-3

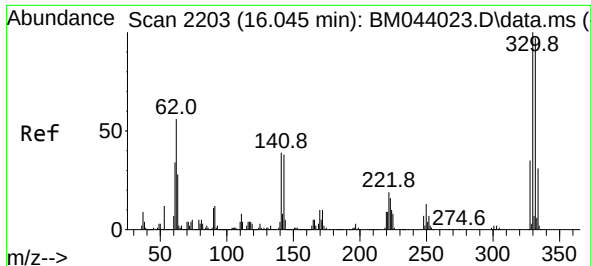
Tgt Ion: 82 Resp: 3767214
Ion Ratio Lower Upper
82 100
128 44.7 37.1 55.7
54 48.2 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

Tgt Ion:164 Resp: 1146324
Ion Ratio Lower Upper
164 100
162 100.6 78.4 117.6
160 44.8 34.6 51.8

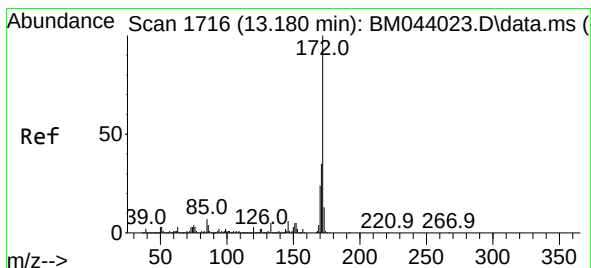
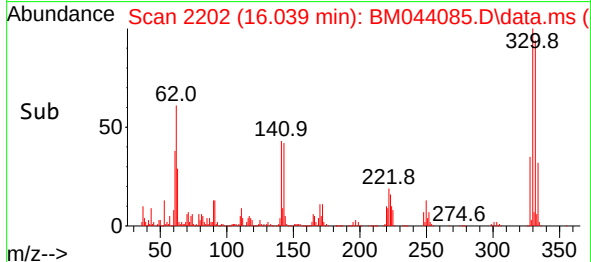
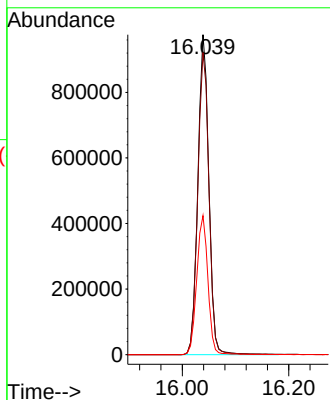
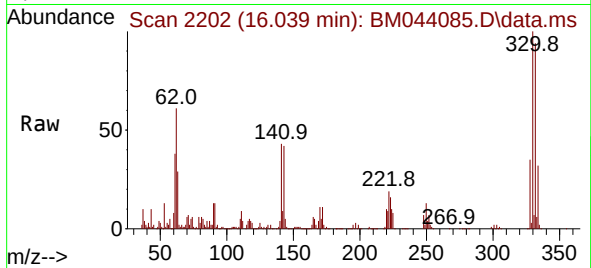




#42
2,4,6-Tribromophenol
Concen: 112.720 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

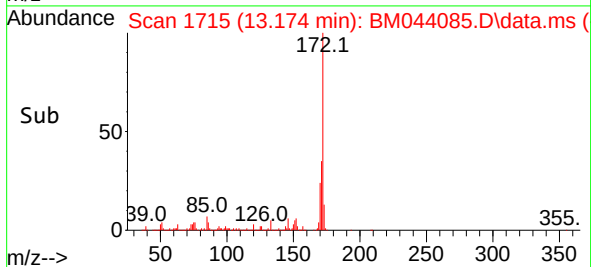
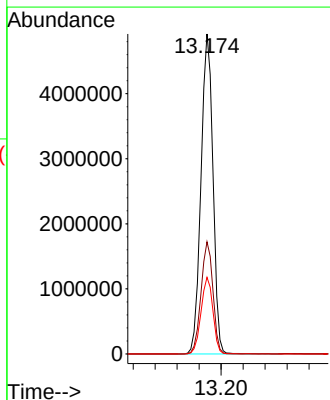
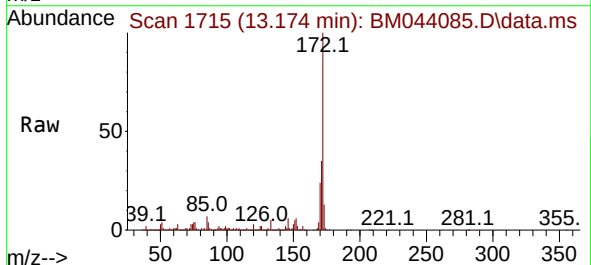
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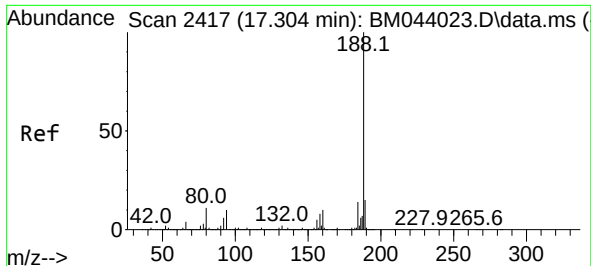
Tgt Ion:330 Resp: 1399032
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 44.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 91.549 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

Tgt Ion:172 Resp: 7435953
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 24.0 19.0 28.4

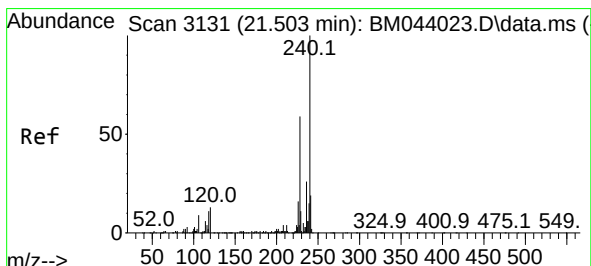
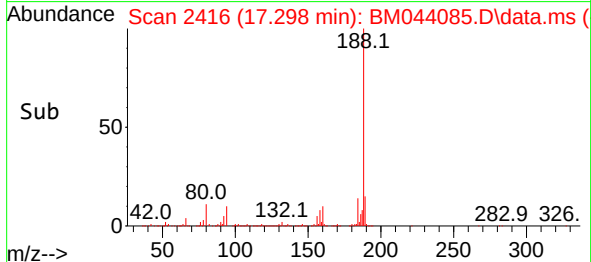
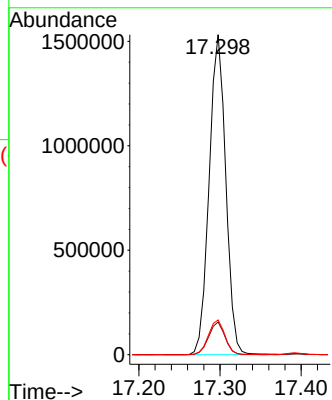
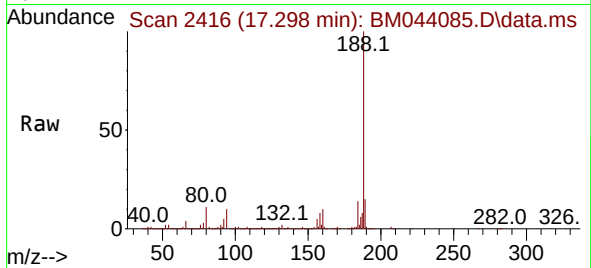




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

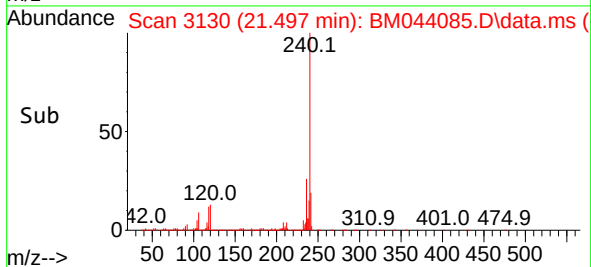
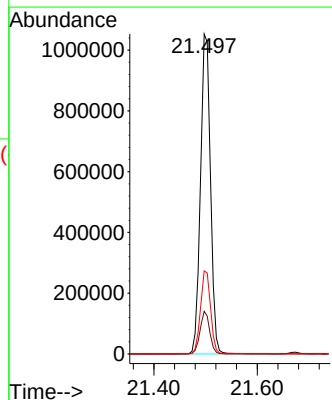
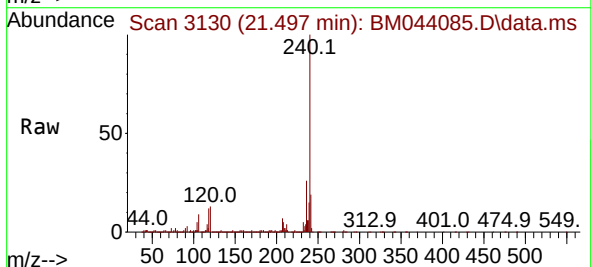
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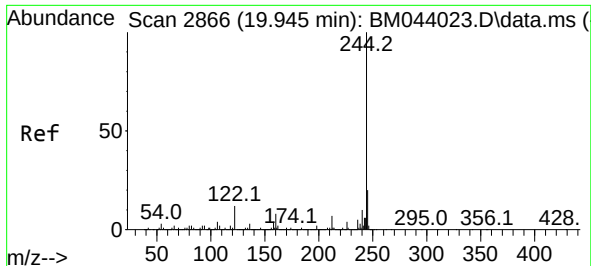
Tgt Ion:188 Resp: 2173416
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.8 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044085.D
Acq: 14 Feb 2024 16:37

Tgt Ion:240 Resp: 1414545
Ion Ratio Lower Upper
240 100
120 13.4 10.1 15.1
236 26.0 20.6 31.0

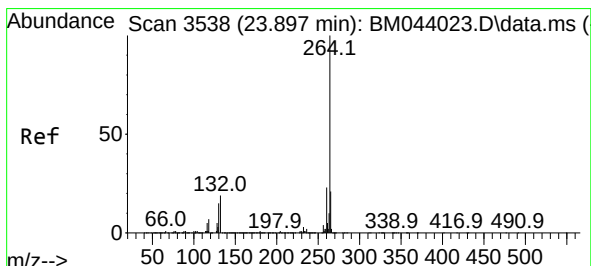
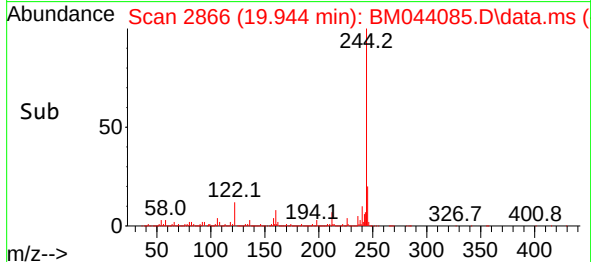
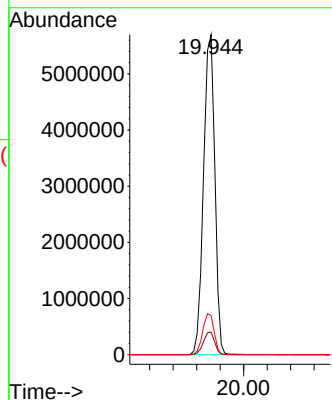
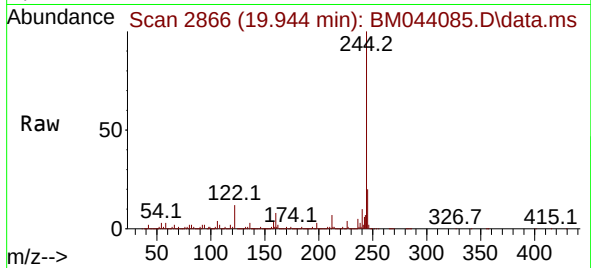




#79
 Terphenyl-d14
 Concen: 94.304 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM044085.D
 Acq: 14 Feb 2024 16:37

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 7609541
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.3 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.897 min Scan# 3538
 Delta R.T. -0.000 min
 Lab File: BM044085.D
 Acq: 14 Feb 2024 16:37

Tgt Ion:264 Resp: 1397978
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.6 17.3 25.9

