

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044749.D
 Acq On : 22 Mar 2024 23:52
 Operator : MA/JU
 Sample : P1830-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-206

Quant Time: Mar 23 00:33:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	218659	20.000	ng	-0.01
21) Naphthalene-d8	10.463	136	803793	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	430169	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	789968	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	680692	20.000	ng	-0.02
86) Perylene-d12	23.527	264	774124	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	146454	9.617	ng	0.00
7) Phenol-d6	6.869	99	170249	8.689	ng	-0.01
23) Nitrobenzene-d5	8.851	82	101420	6.079	ng	-0.01
42) 2,4,6-Tribromophenol	15.827	330	41801	8.810	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	210621	6.743	ng	-0.02
79) Terphenyl-d14	19.727	244	266804	6.857	ng	-0.02

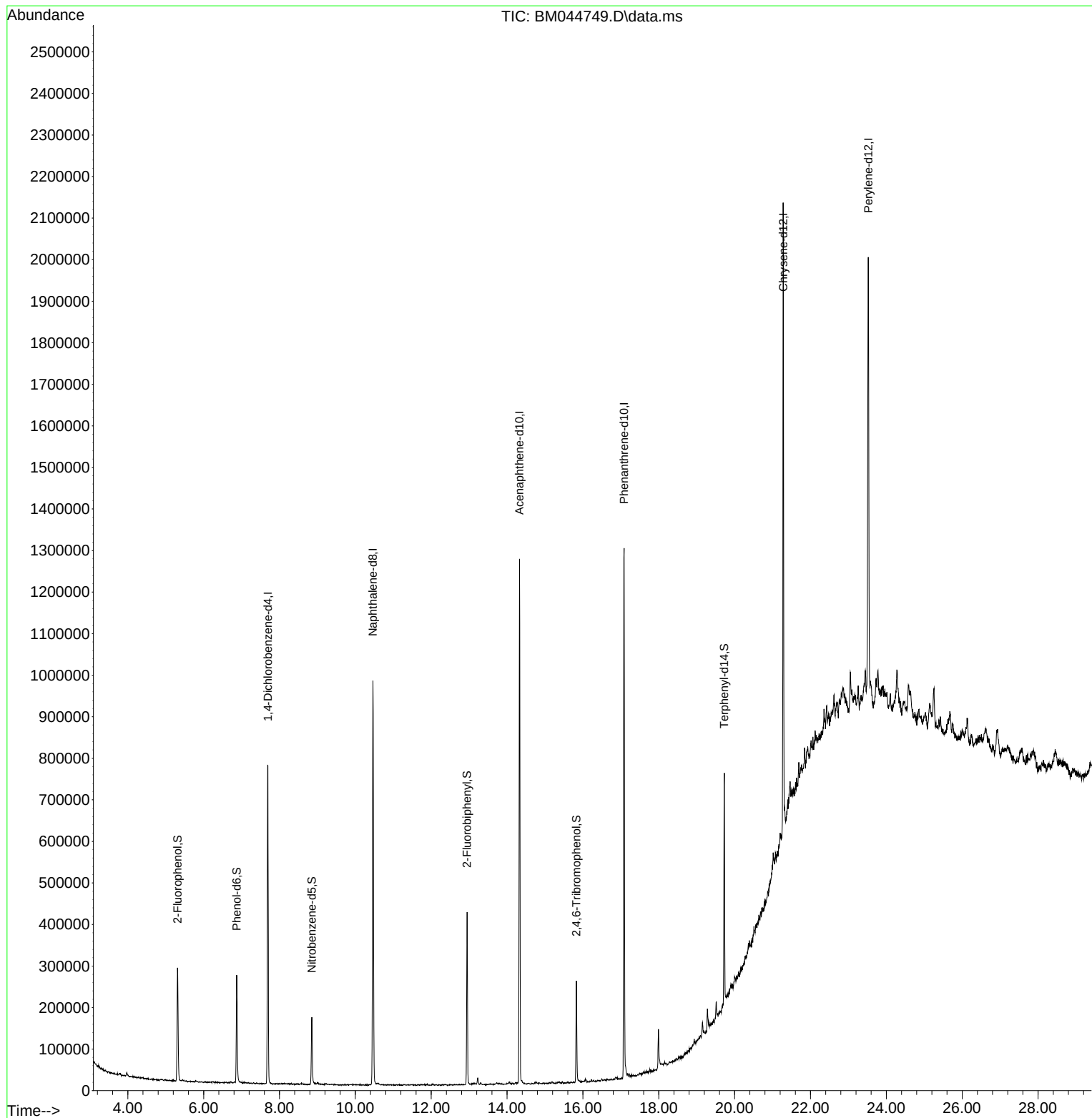
Target Compounds	Qvalue

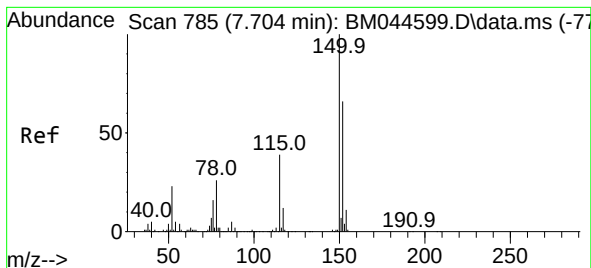
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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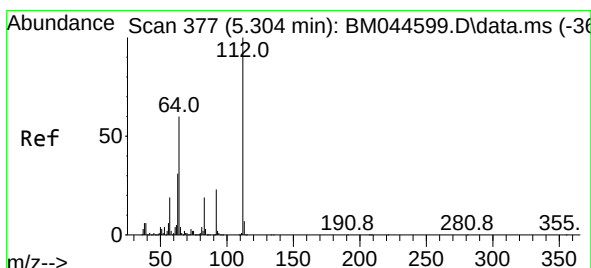
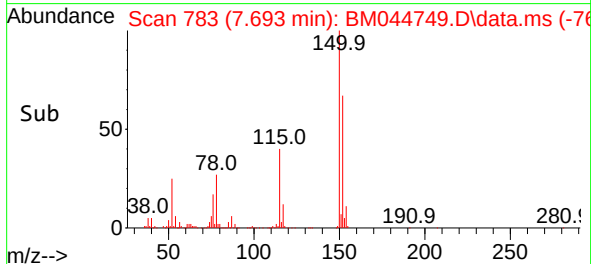
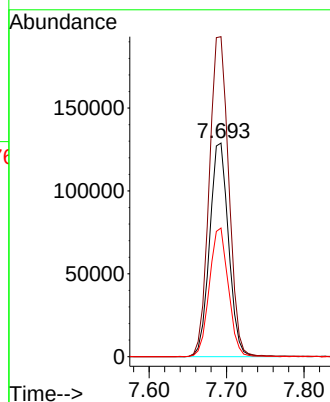
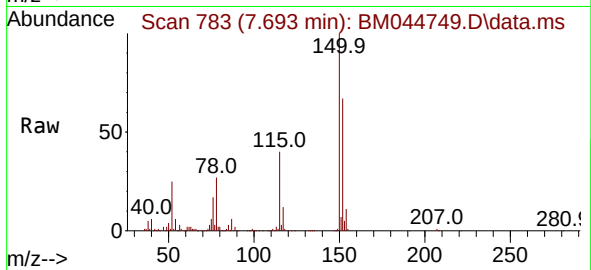




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.693 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BM044749.D
 Acq: 22 Mar 2024 23:52

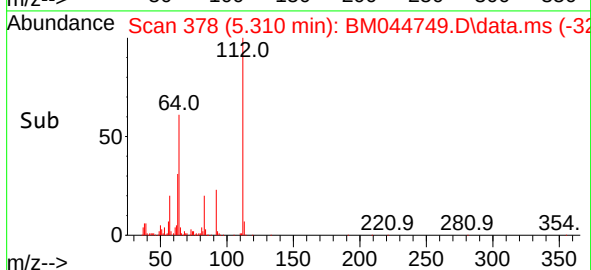
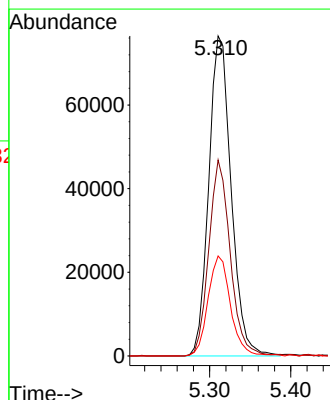
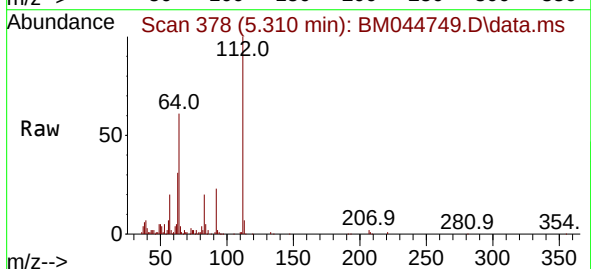
Instrument :
 BNA_M
 ClientSampleId :
 VNJ-206

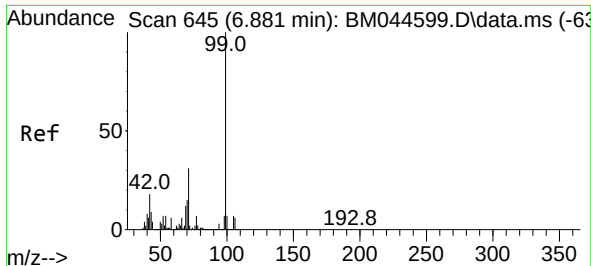
Tgt Ion:152 Resp: 218659
 Ion Ratio Lower Upper
 152 100
 150 149.8 121.9 182.9
 115 60.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 9.617 ng
 RT: 5.310 min Scan# 378
 Delta R.T. 0.006 min
 Lab File: BM044749.D
 Acq: 22 Mar 2024 23:52

Tgt Ion:112 Resp: 146454
 Ion Ratio Lower Upper
 112 100
 64 61.3 47.9 71.9
 63 31.3 25.0 37.4

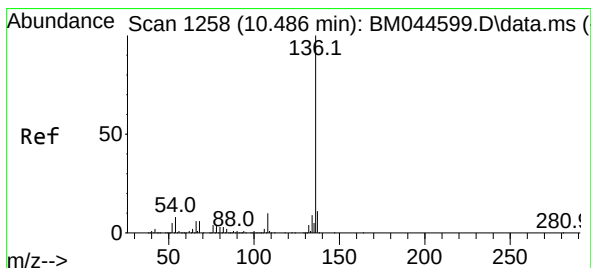
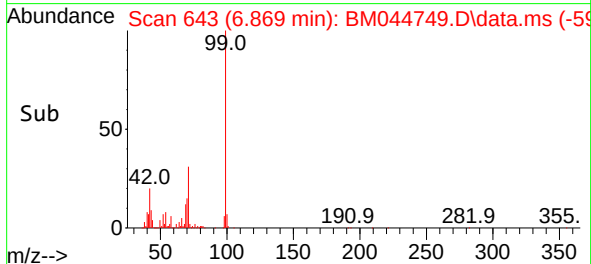
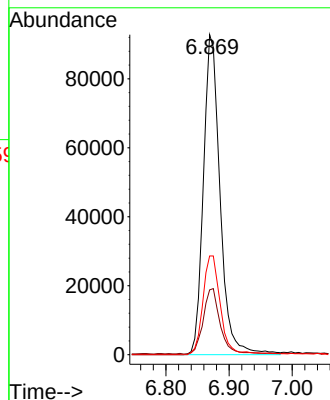
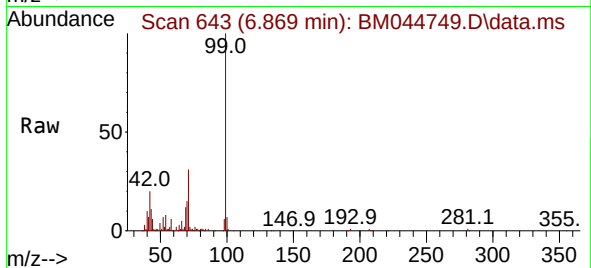




#7
Phenol-d6
Concen: 8.689 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

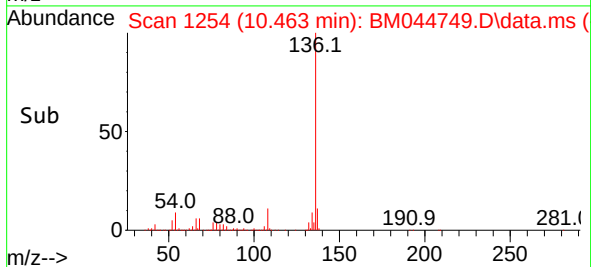
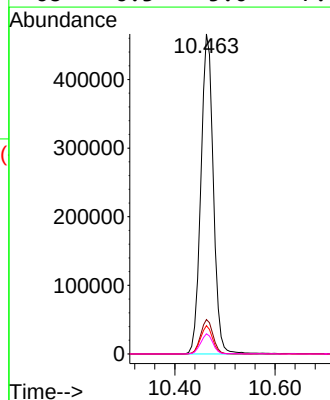
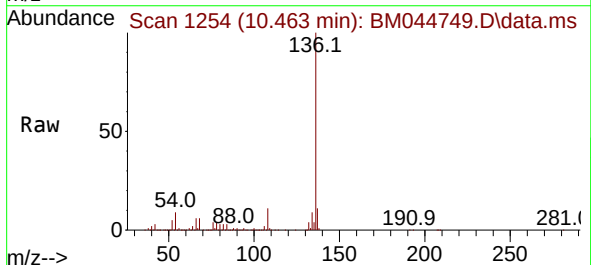
Instrument :
BNA_M
ClientSampleId :
VNJ-206

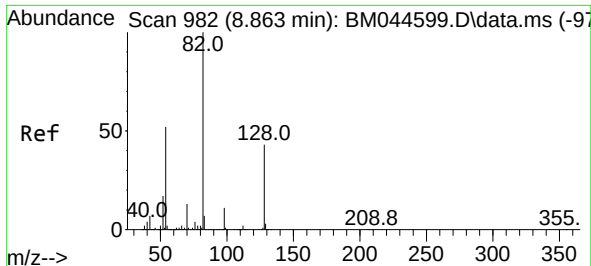
Tgt Ion: 99 Resp: 170249
Ion Ratio Lower Upper
99 100
42 20.3 14.3 21.5
71 30.9 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

Tgt Ion: 136 Resp: 803793
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.9 6.6 10.0
68 6.3 5.0 7.4

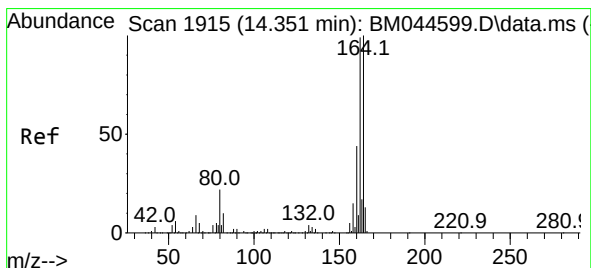
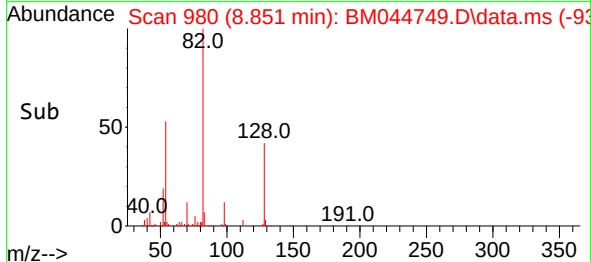
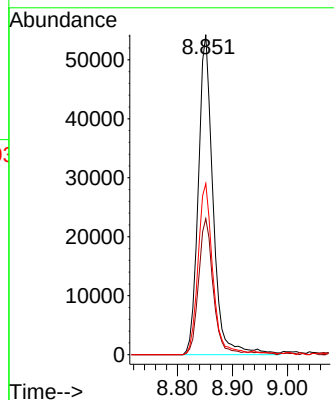
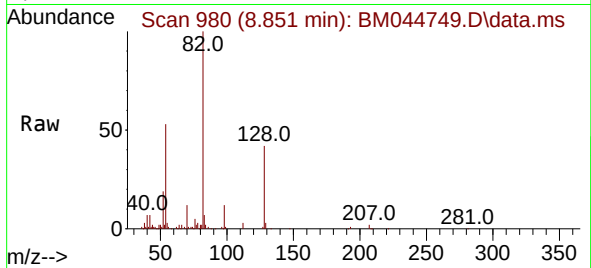




#23
Nitrobenzene-d5
Concen: 6.079 ng
RT: 8.851 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

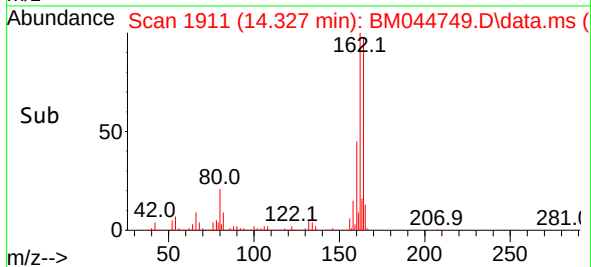
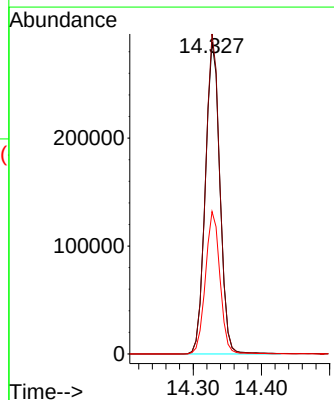
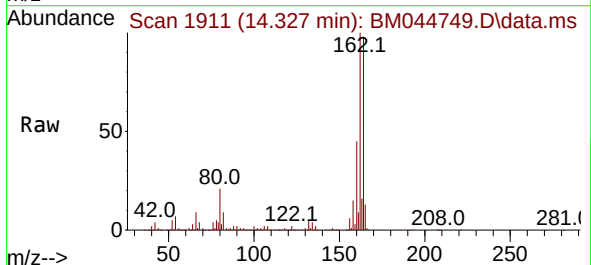
Instrument :
BNA_M
ClientSampleId :
VNJ-206

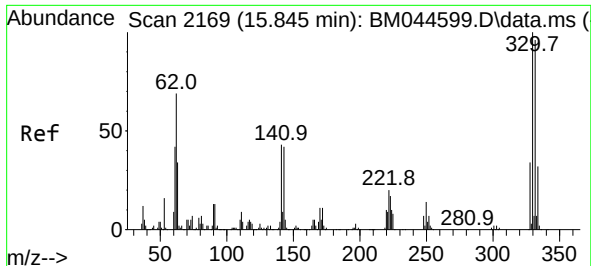
Tgt Ion: 82 Resp: 101420
Ion Ratio Lower Upper
82 100
128 42.5 34.2 51.4
54 53.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

Tgt Ion: 164 Resp: 430169
Ion Ratio Lower Upper
164 100
162 102.5 79.3 118.9
160 45.7 35.2 52.8

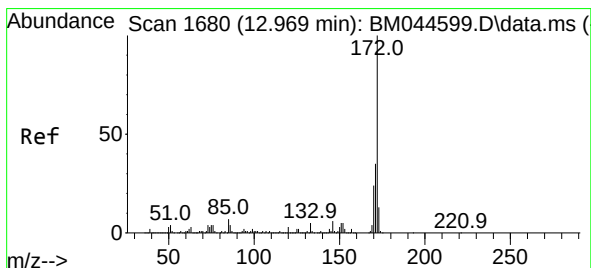
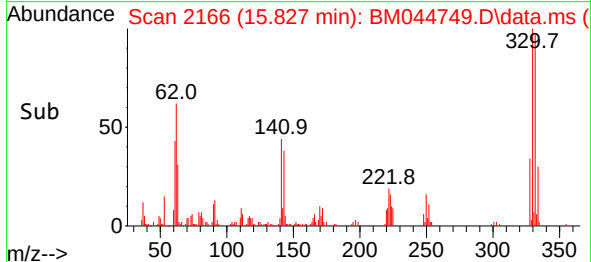
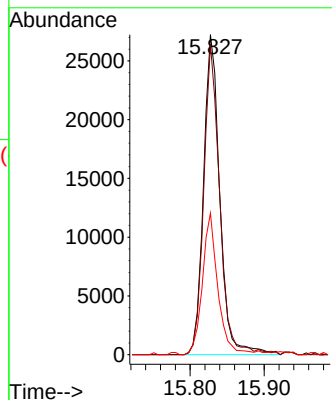
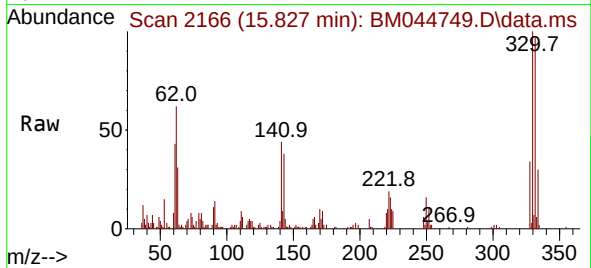




#42
2,4,6-Tribromophenol
Concen: 8.810 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

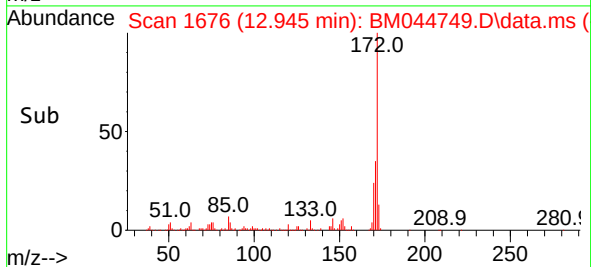
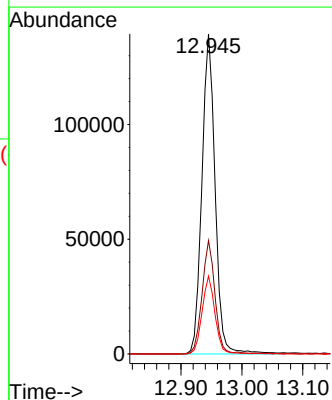
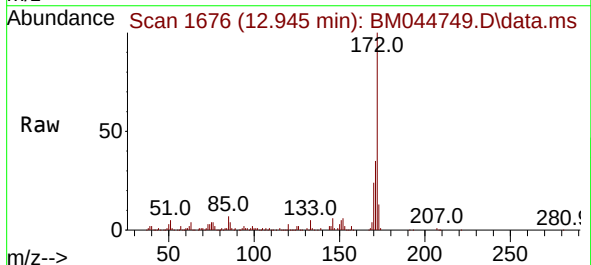
Instrument :
BNA_M
ClientSampleId :
VNJ-206

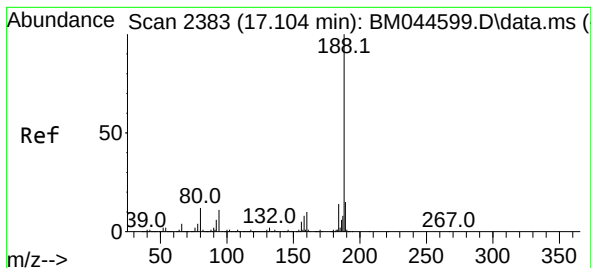
Tgt Ion:330 Resp: 41801
Ion Ratio Lower Upper
330 100
332 94.8 77.8 116.8
141 41.8 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 6.743 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

Tgt Ion:172 Resp: 210621
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044749.D

Acq: 22 Mar 2024 23:52

Instrument :

BNA_M

ClientSampleId :

VNJ-206

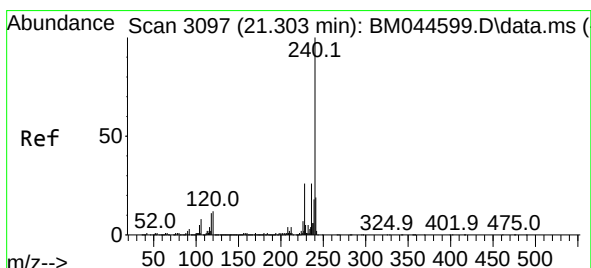
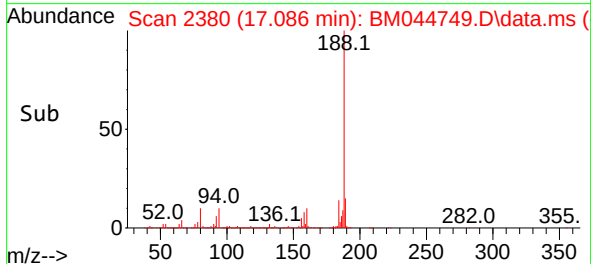
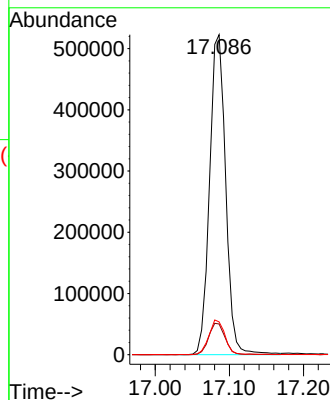
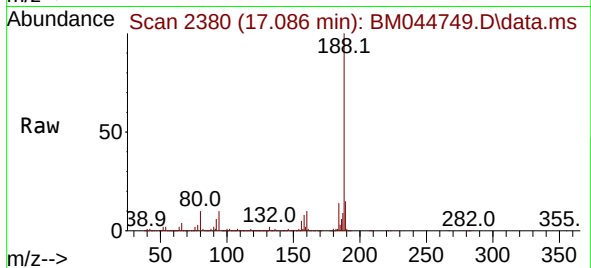
Tgt Ion:188 Resp: 789968

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

80 10.3 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.280 min Scan# 3093

Delta R.T. -0.023 min

Lab File: BM044749.D

Acq: 22 Mar 2024 23:52

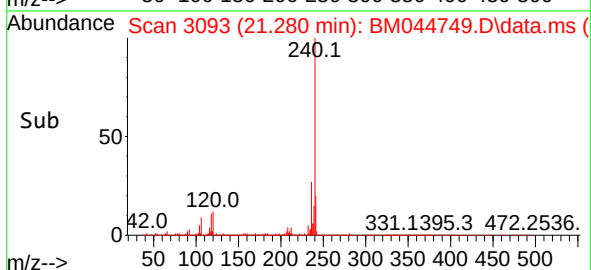
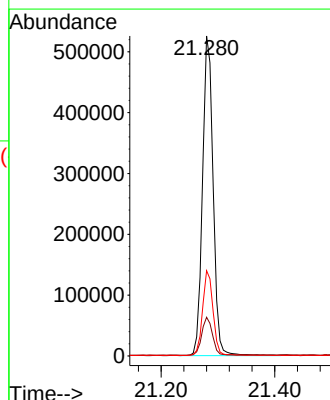
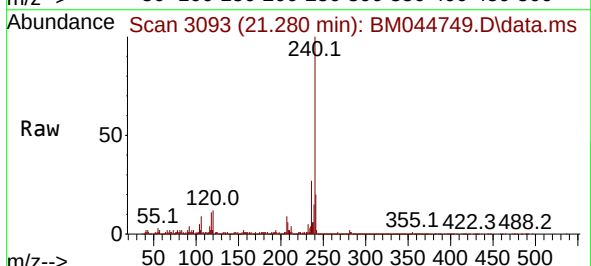
Tgt Ion:240 Resp: 680692

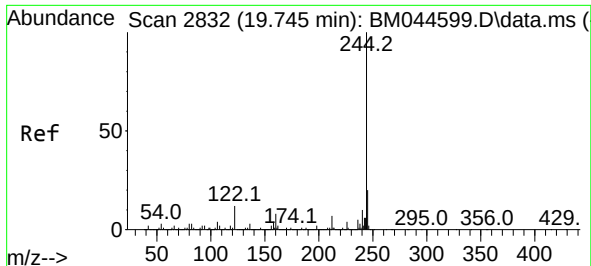
Ion Ratio Lower Upper

240 100

120 12.1 9.7 14.5

236 26.7 21.0 31.4

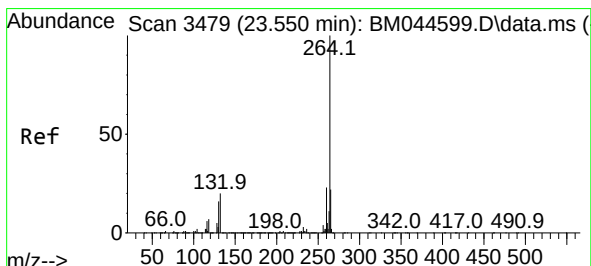
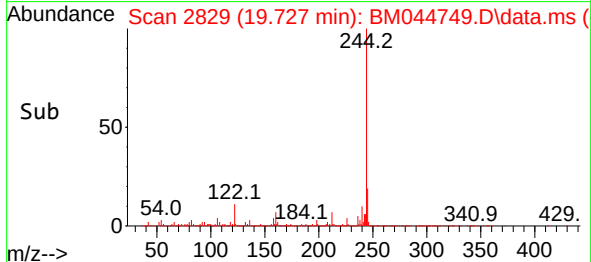
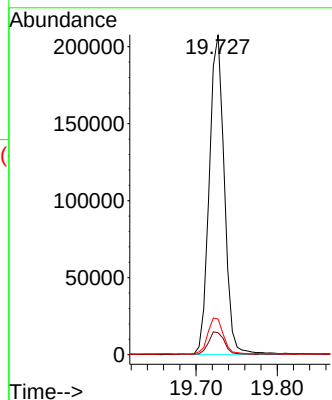
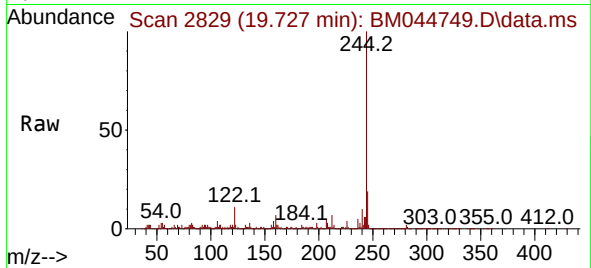




#79
 Terphenyl-d14
 Concen: 6.857 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BM044749.D
 Acq: 22 Mar 2024 23:52

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-206

Tgt Ion:244 Resp: 266804
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.1 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.527 min Scan# 3475
 Delta R.T. -0.023 min
 Lab File: BM044749.D
 Acq: 22 Mar 2024 23:52

Tgt Ion:264 Resp: 774124
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.3 27.5
 265 22.8 17.5 26.3

