

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)

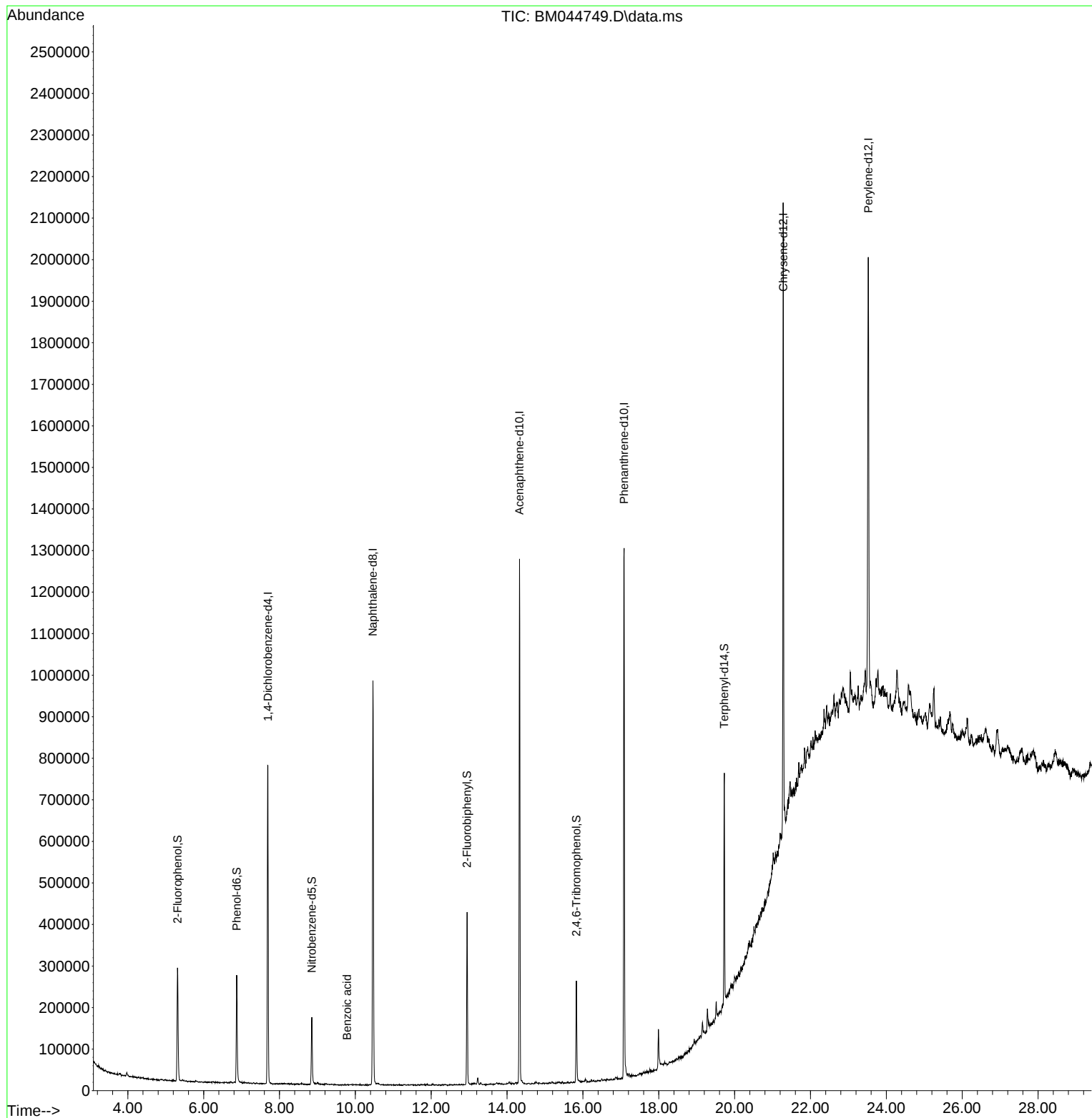
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	218659	20.000	ng	-0.01
21) Naphthalene-d8	10.463	136	803793	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	430169	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	789968	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	680692	20.000	ng	-0.02
86) 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						
32) Benzoic acid	9.781	122	89	3.628	ng	Qvalue # 1

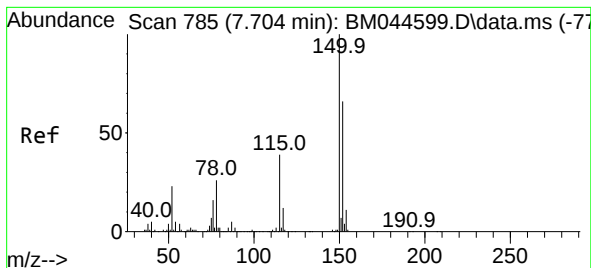
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_M

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VNJ-206

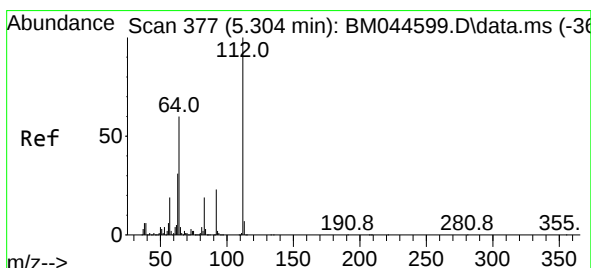
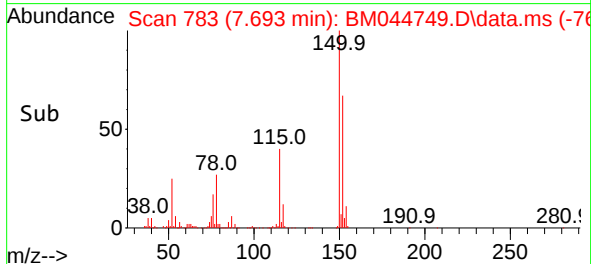
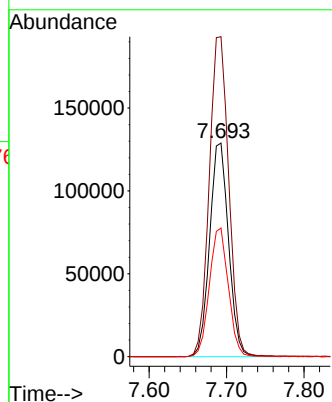
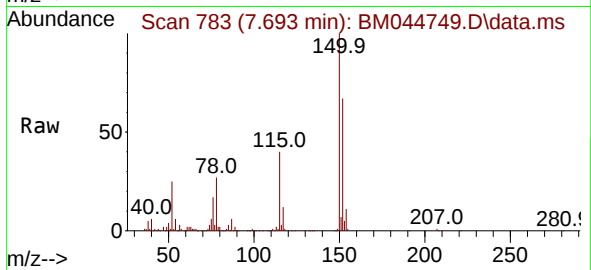
Tgt Ion:152 Resp: 218659

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

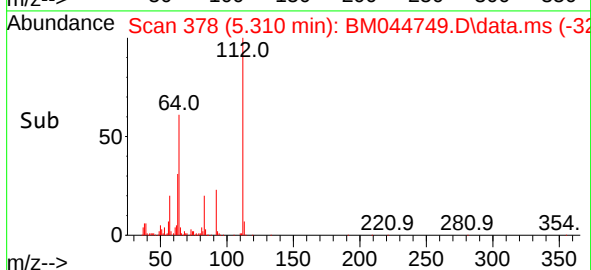
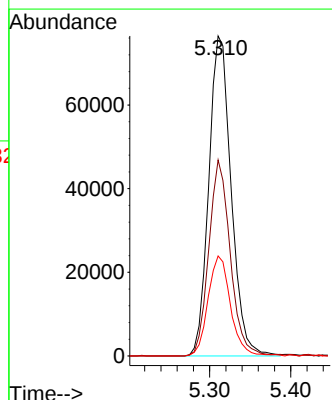
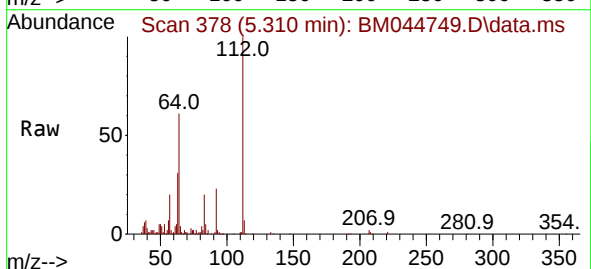
Tgt Ion:112 Resp: 146454

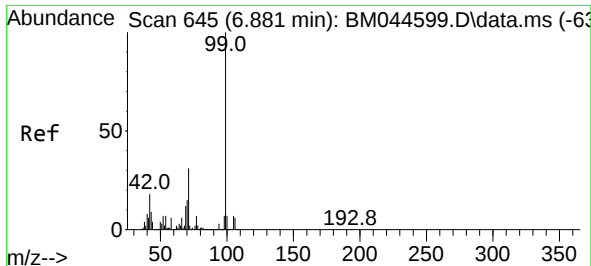
Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

63 31.3 25.0 37.4

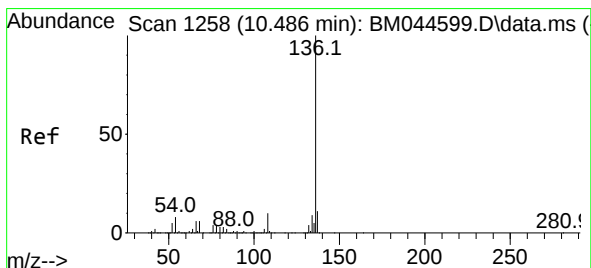
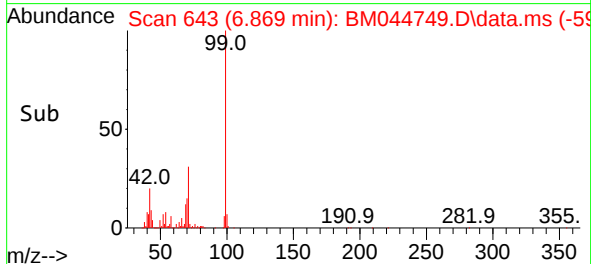
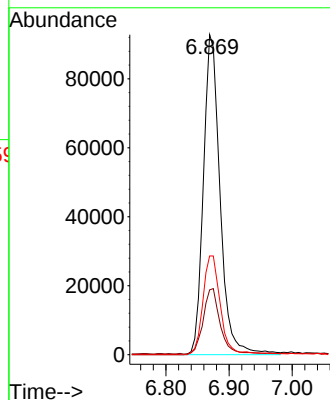
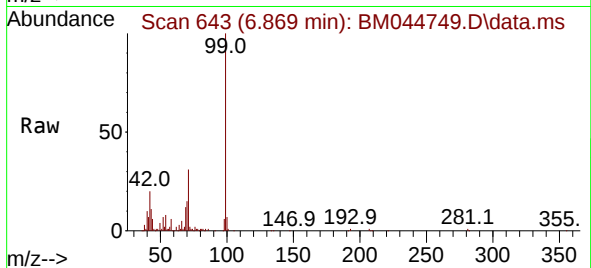




#7
Phenol-d6
Concen: 8.689 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

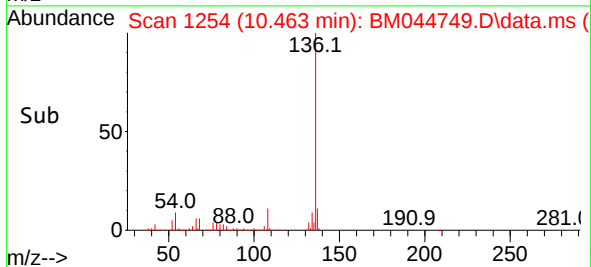
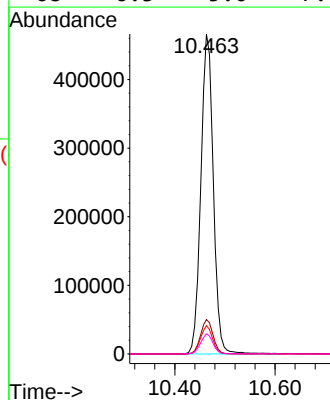
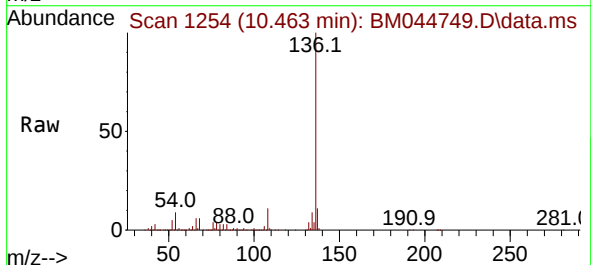
Instrument :
BNA_M
ClientSampleId :
VNJ-206

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

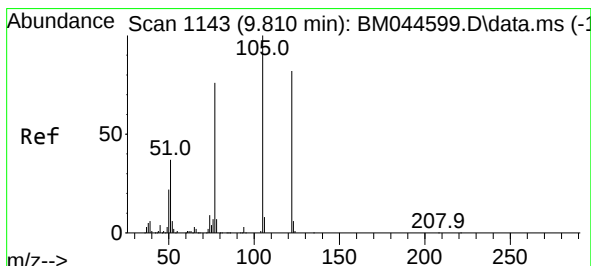
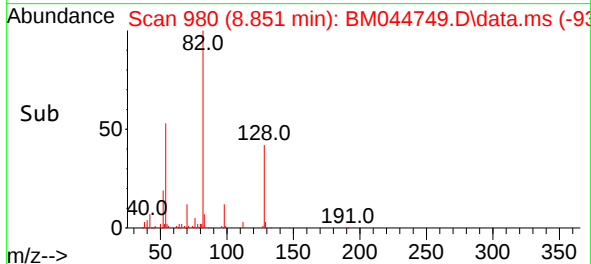
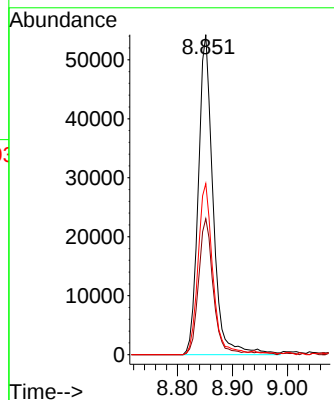
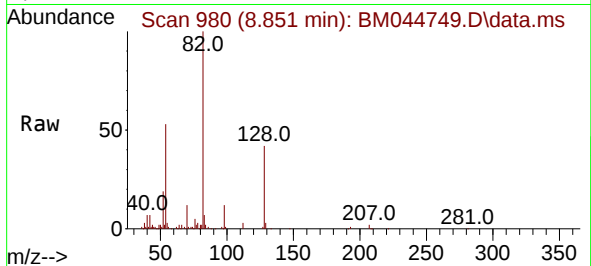




#23
Nitrobenzene-d5
Concen: 6.079 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

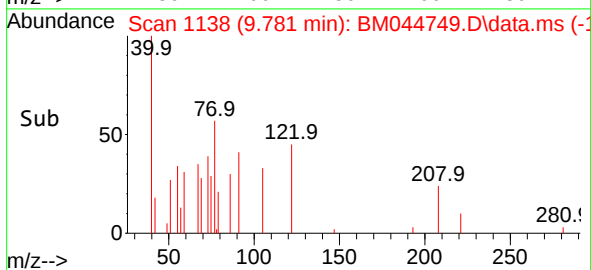
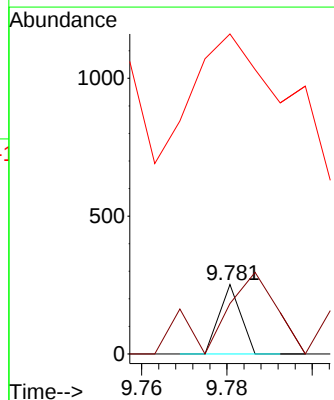
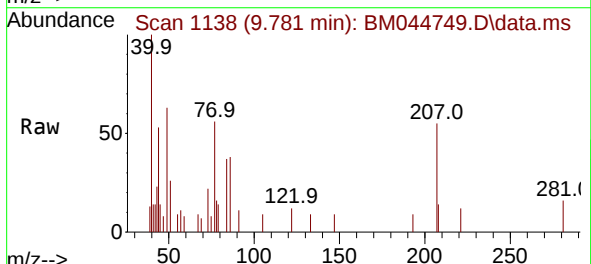
Instrument :
BNA_M
ClientSampleId :
VNJ-206

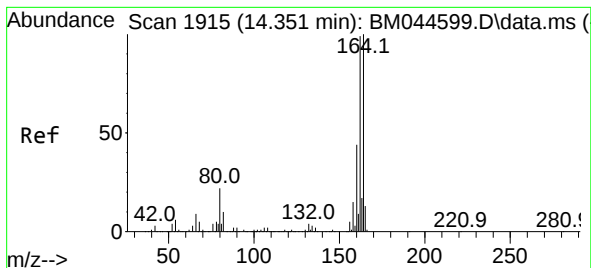
Tgt Ion: 82 Resp: 101420
Ion Ratio Lower Upper
82 100
128 42.5 34.2 51.4
54 53.5 41.3 61.9



#32
Benzoic acid
Concen: 3.628 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.029 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

Tgt Ion: 122 Resp: 89
Ion Ratio Lower Upper
122 100
105 72.6 100.0 140.0#
77 460.7 72.5 112.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.327 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BM044749.D

Acq: 22 Mar 2024 23:52

Instrument :

BNA_M

ClientSampleId :

VNJ-206

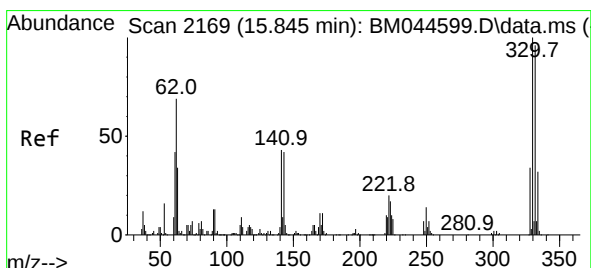
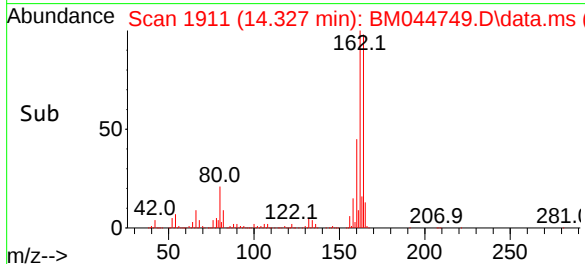
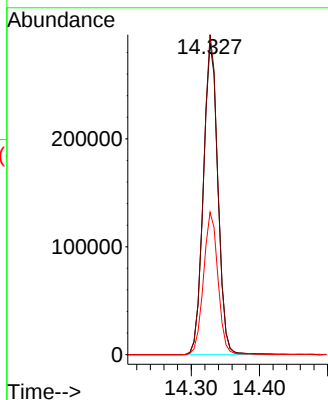
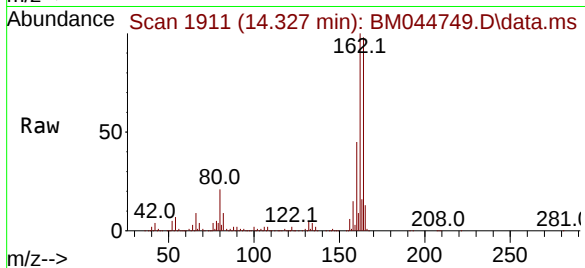
Tgt Ion:164 Resp: 430169

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

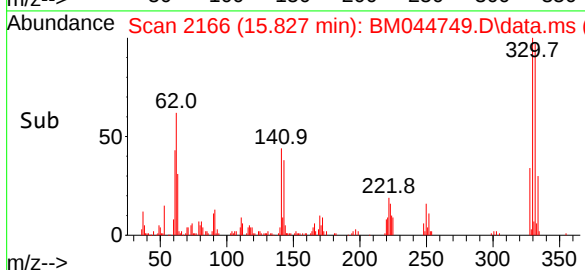
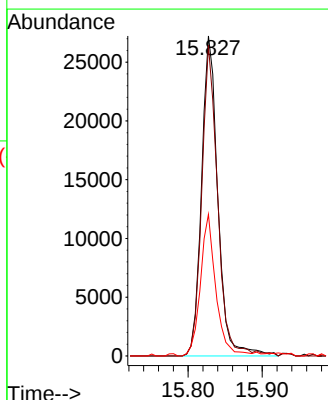
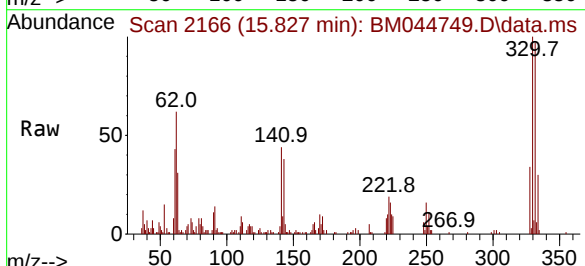
Tgt Ion:330 Resp: 41801

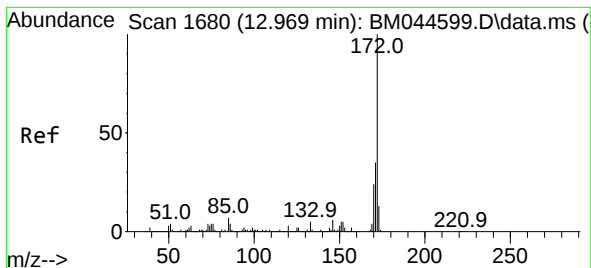
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.023 min

Lab File: BM044749.D

Acq: 22 Mar 2024 23:52

Instrument :

BNA_M

ClientSampleId :

VNJ-206

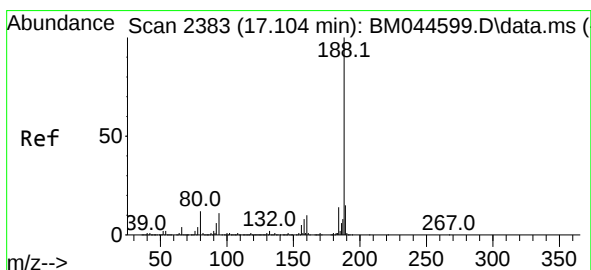
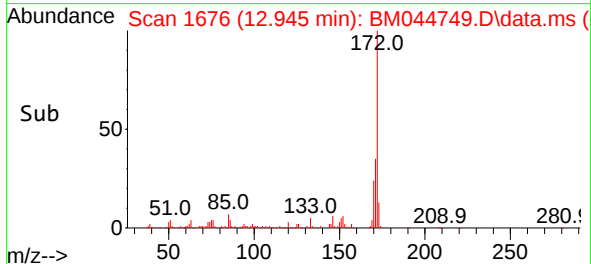
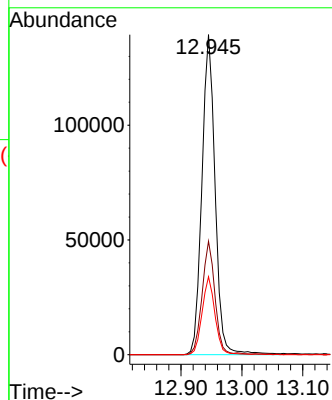
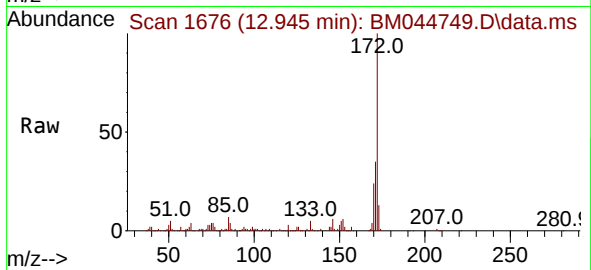
Tgt Ion:172 Resp: 210621

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# 2380

Delta R.T. -0.017 min

Lab File: BM044749.D

Acq: 22 Mar 2024 23:52

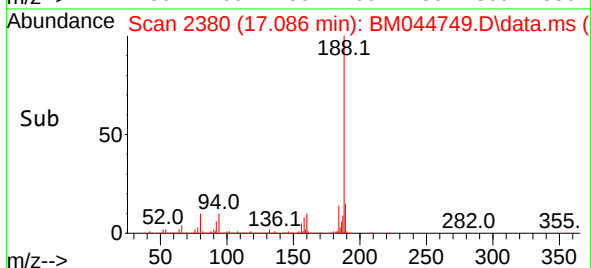
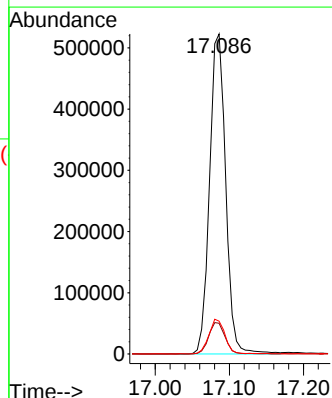
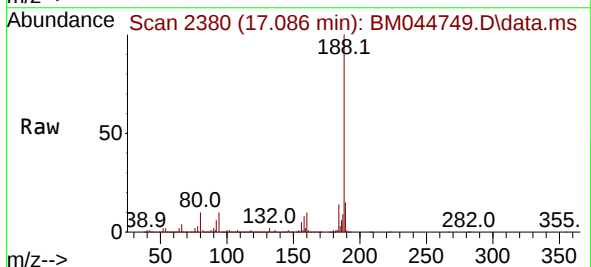
Tgt Ion:188 Resp: 789968

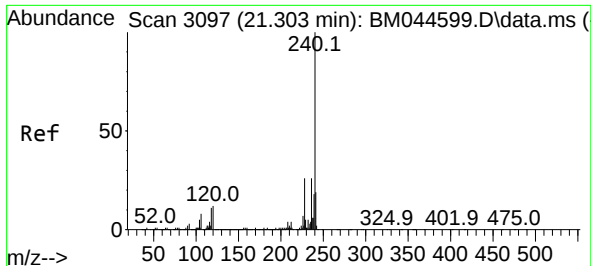
Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

80 10.3 9.4 14.0

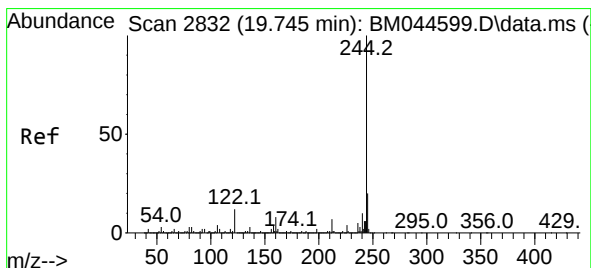
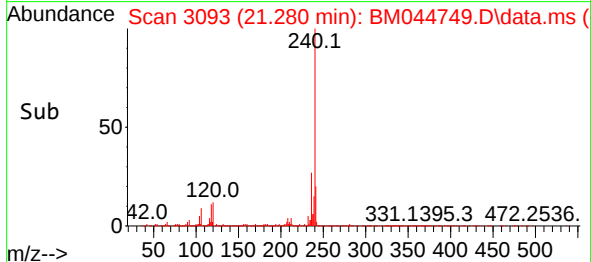
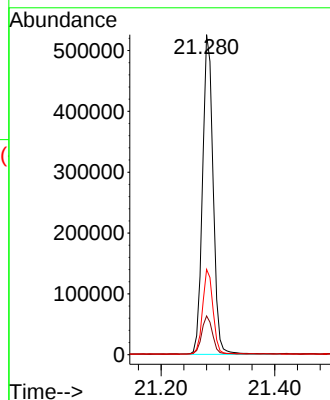
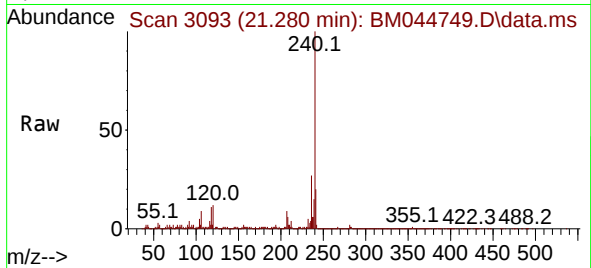




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3097
Delta R.T. -0.023 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

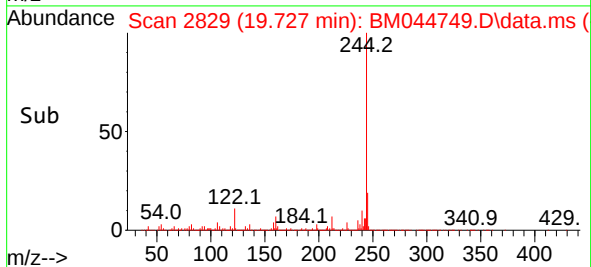
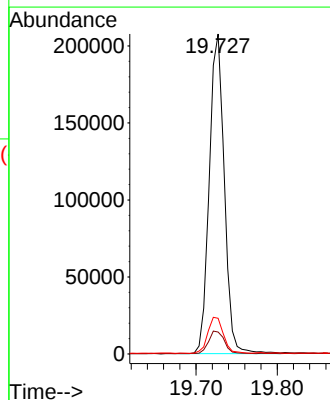
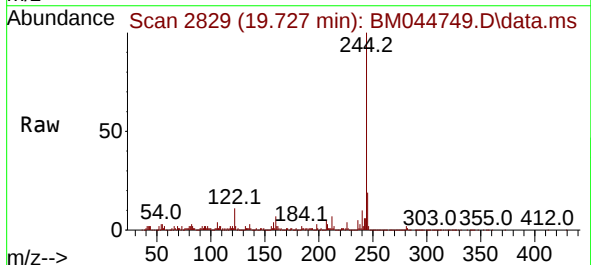
Instrument :
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VNJ-206

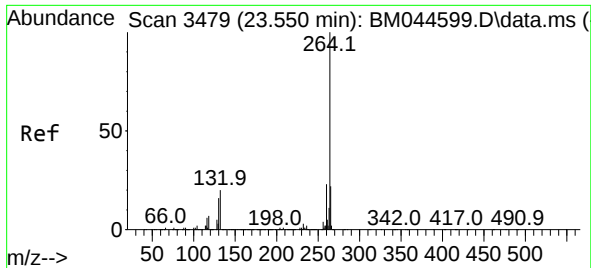
Tgt Ion:240 Resp: 680692
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 26.7 21.0 31.4



#79
Terphenyl-d14
Concen: 6.857 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.017 min
Lab File: BM044749.D
Acq: 22 Mar 2024 23:52

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# 34
 Delta R.T. -0.023 min
 Lab File: BM044749.D
 Acq: 22 Mar 2024 23:52

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-206

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

