

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044786.D
 Acq On : 27 Mar 2024 19:20
 Operator : MA/JU
 Sample : P1830-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-226

Quant Time: Mar 28 01:00:54 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)

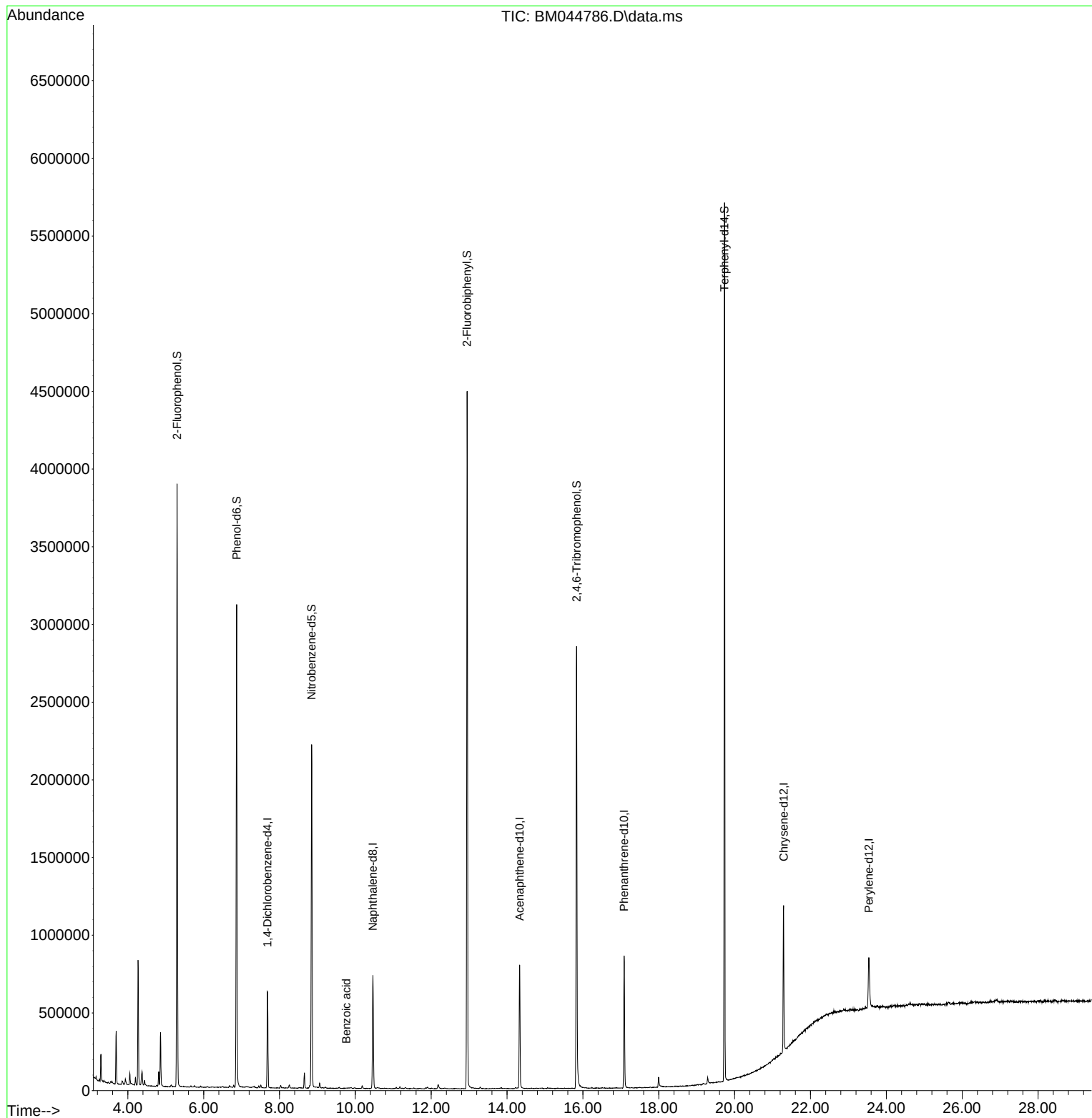
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	160564	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	589053	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	283224	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	532908	20.000	ng	-0.02
76) Chrysene-d12	21.291	240	431566	20.000	ng	-0.01
86) Perylene-d12	23.538	264	195332	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1501777	134.290	ng	0.00
7) Phenol-d6	6.869	99	1636661	113.759	ng	-0.01
23) Nitrobenzene-d5	8.845	82	1215368	99.399	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	506456	162.125	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2217747	107.841	ng	-0.02
79) Terphenyl-d14	19.733	244	2490653	100.958	ng	-0.01
Target Compounds						
32) Benzoic acid	9.763	122	1806	3.848	ng	Qvalue # 65

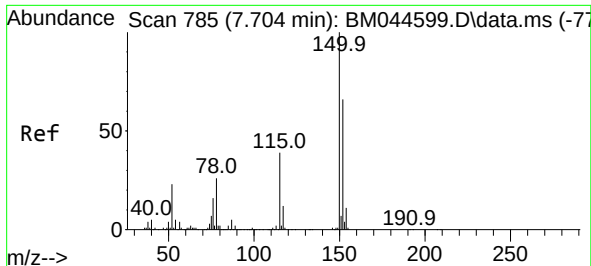
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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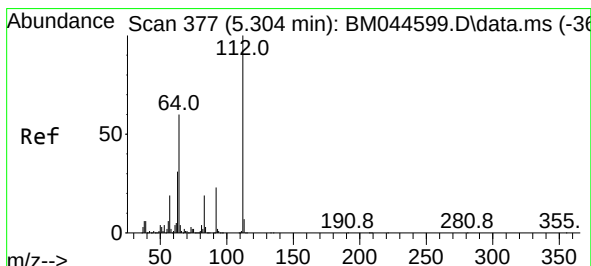
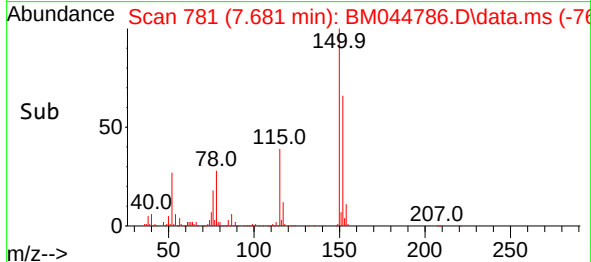
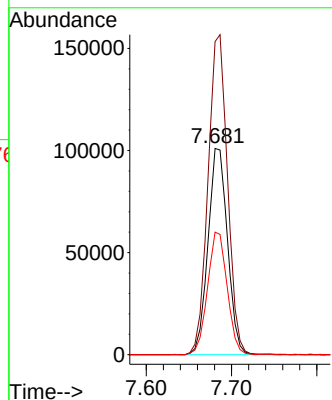
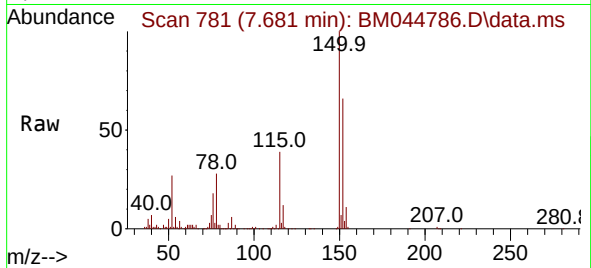




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

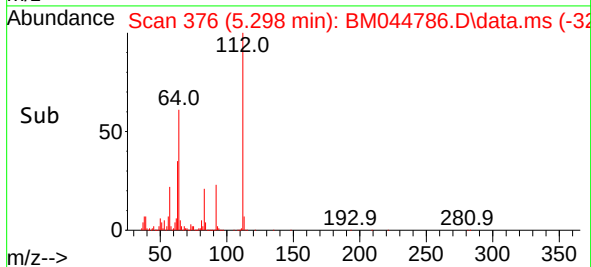
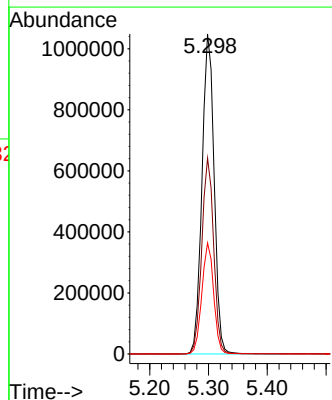
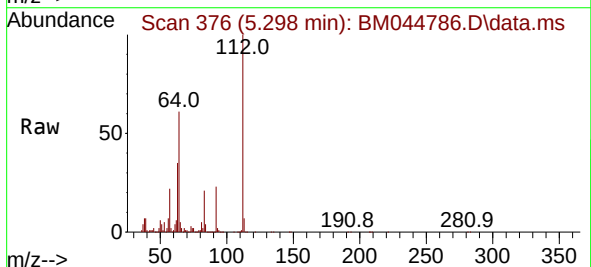
Instrument :
BNA_M
ClientSampleId :
VNJ-226

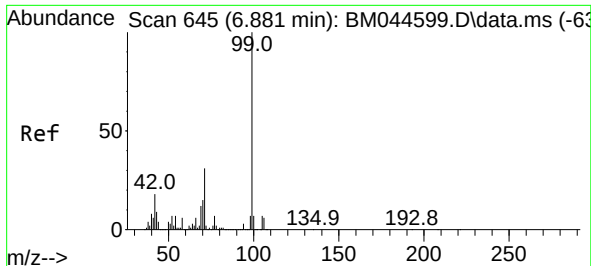
Tgt Ion:152 Resp: 160564
Ion Ratio Lower Upper
152 100
150 151.8 121.9 182.9
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 134.290 ng
RT: 5.298 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

Tgt Ion:112 Resp: 1501777
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 34.7 25.0 37.4

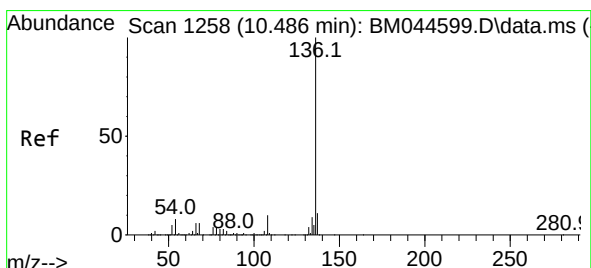
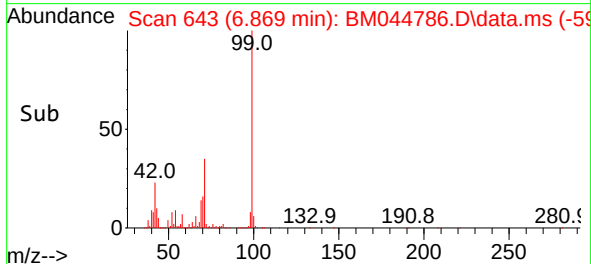
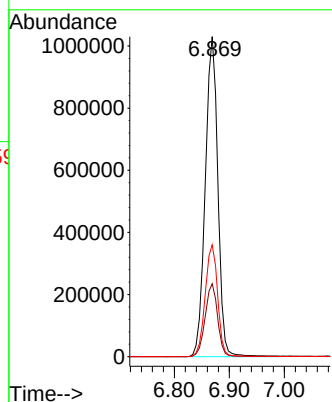
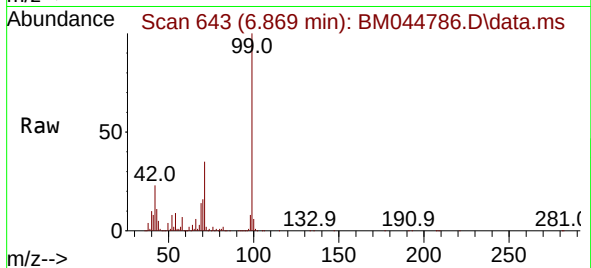




#7
Phenol-d6
Concen: 113.759 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

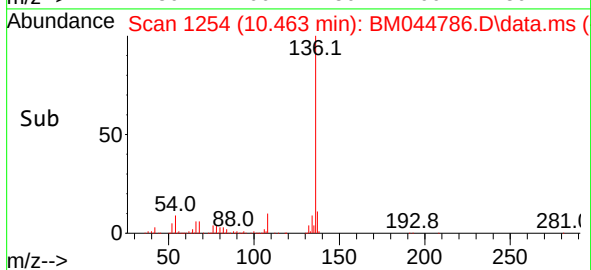
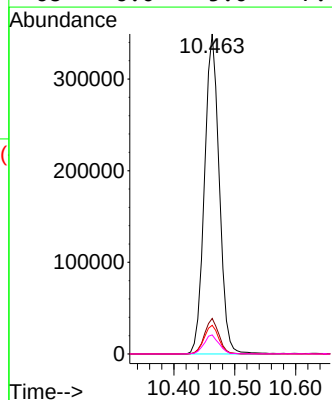
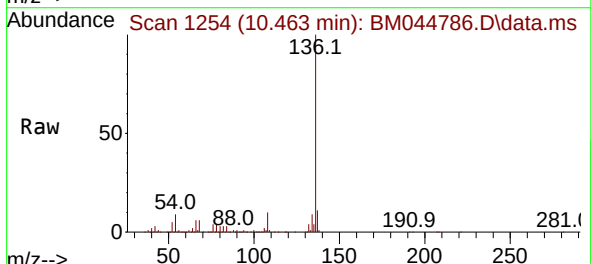
Instrument :
BNA_M
ClientSampleId :
VNJ-226

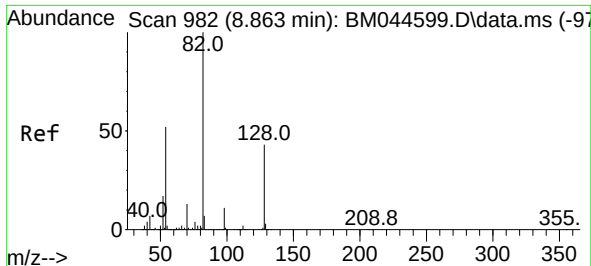
Tgt Ion: 99 Resp: 1636661
Ion Ratio Lower Upper
99 100
42 22.8 14.3 21.5#
71 35.0 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

Tgt Ion:136 Resp: 589053
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.9 6.6 10.0
68 6.0 5.0 7.4

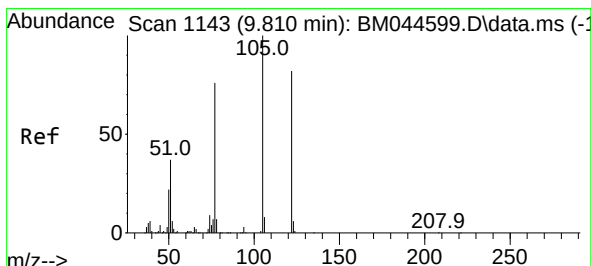
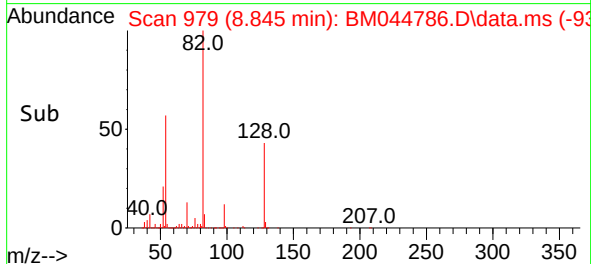
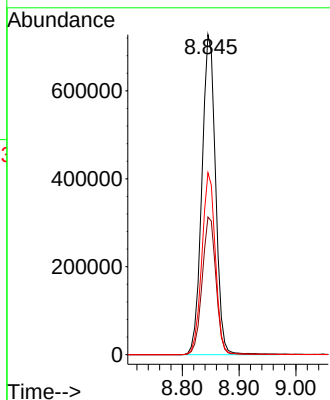
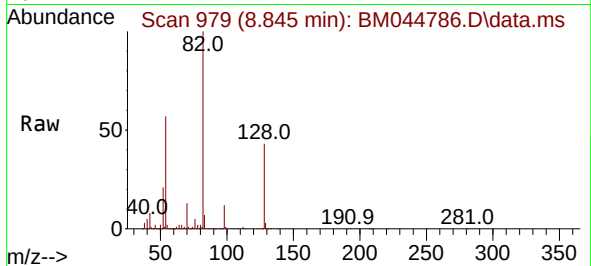




#23
Nitrobenzene-d5
Concen: 99.399 ng
RT: 8.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

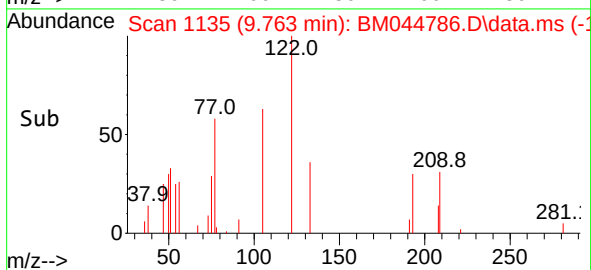
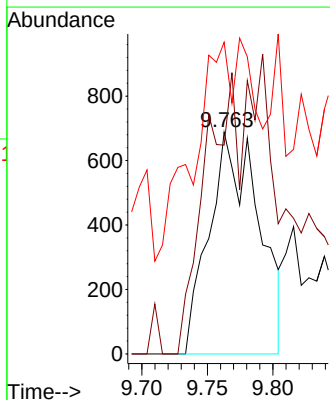
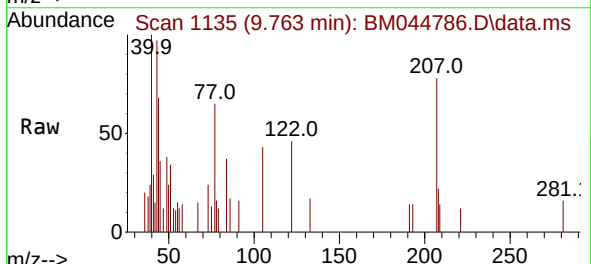
Instrument :
BNA_M
ClientSampleId :
VNJ-226

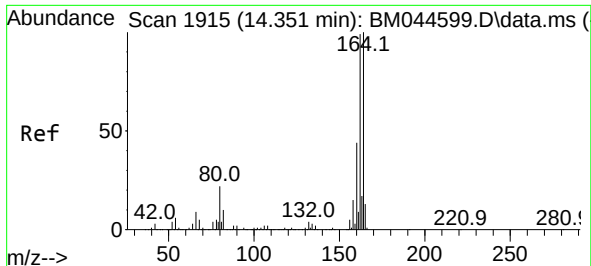
Tgt Ion: 82 Resp: 1215368
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 56.8 41.3 61.9



#32
Benzoic acid
Concen: 3.848 ng
RT: 9.763 min Scan# 1135
Delta R.T. -0.047 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

Tgt Ion:122 Resp: 1806
Ion Ratio Lower Upper
122 100
105 94.2 100.0 140.0#
77 140.6 72.5 112.5#

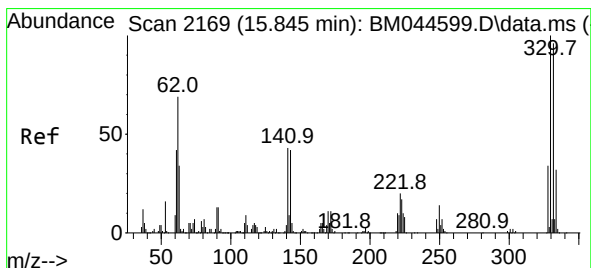
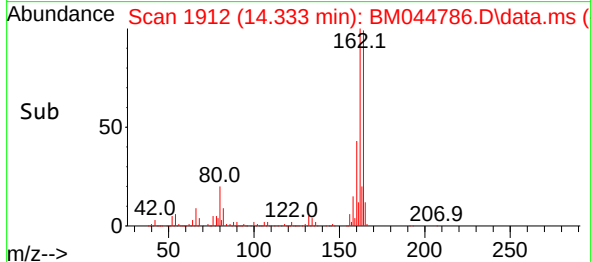
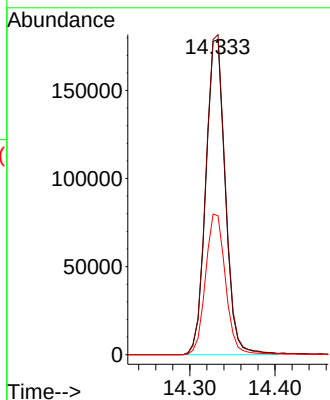
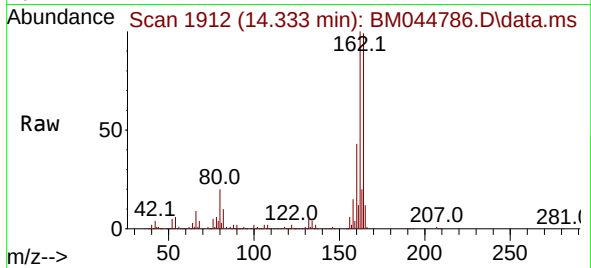




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

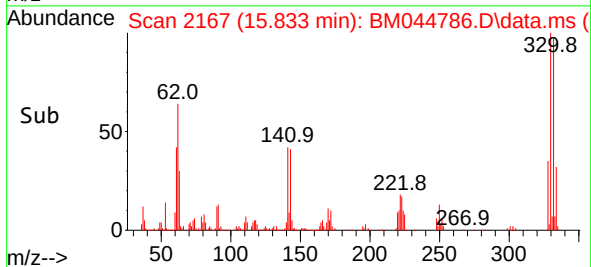
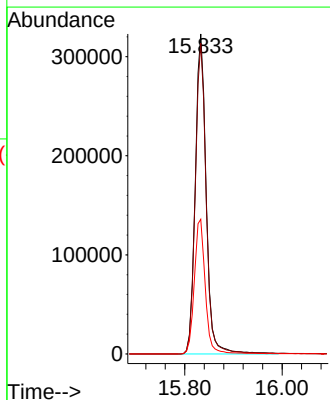
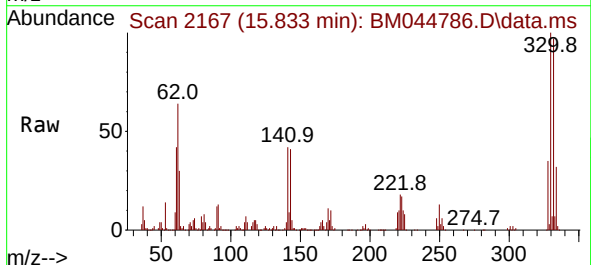
Instrument :
BNA_M
ClientSampleId :
VNJ-226

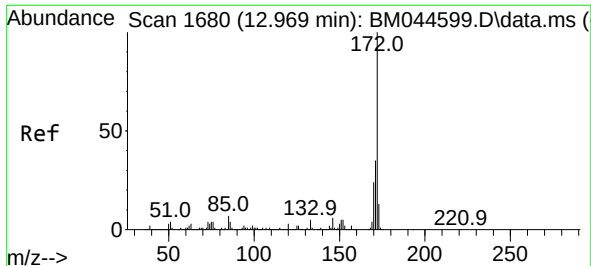
Tgt Ion:164 Resp: 283224
Ion Ratio Lower Upper
164 100
162 101.5 79.3 118.9
160 44.1 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 162.125 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

Tgt Ion:330 Resp: 506456
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 42.6 33.4 50.0





#45

2-Fluorobiphenyl

Concen: 107.841 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM044786.D

Acq: 27 Mar 2024 19:20

Instrument :

BNA_M

ClientSampleId :

VNJ-226

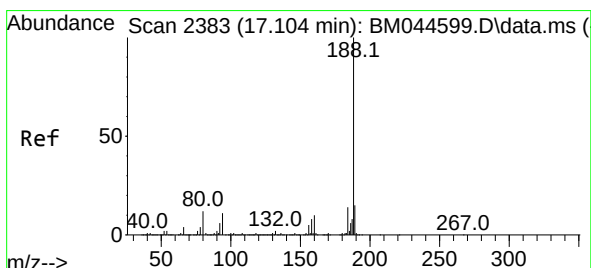
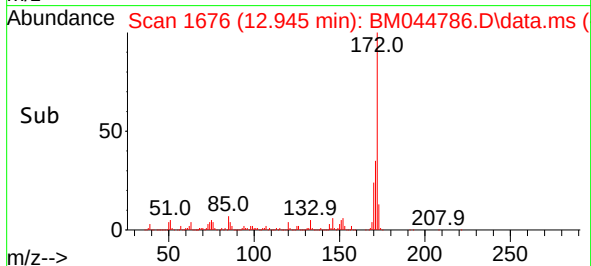
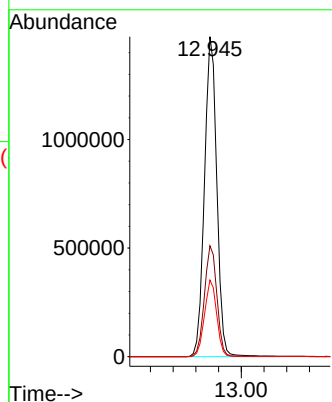
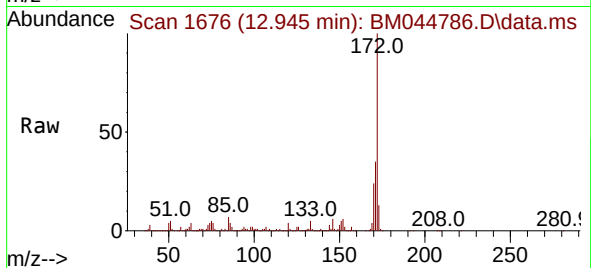
Tgt Ion:172 Resp: 2217747

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 24.0 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 2380

Delta R.T. -0.018 min

Lab File: BM044786.D

Acq: 27 Mar 2024 19:20

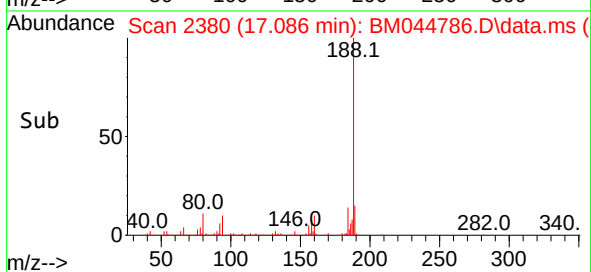
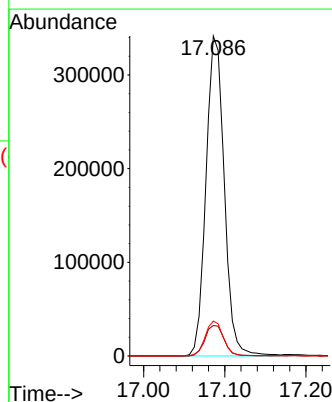
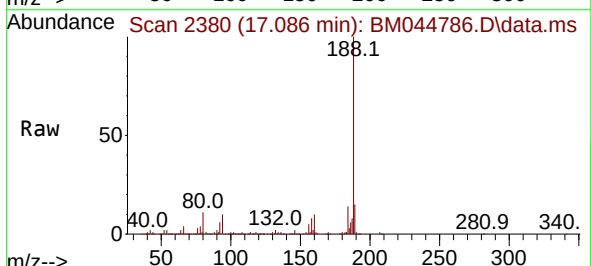
Tgt Ion:188 Resp: 532908

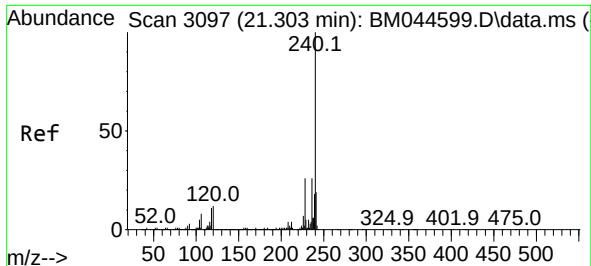
Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

80 10.9 9.4 14.0

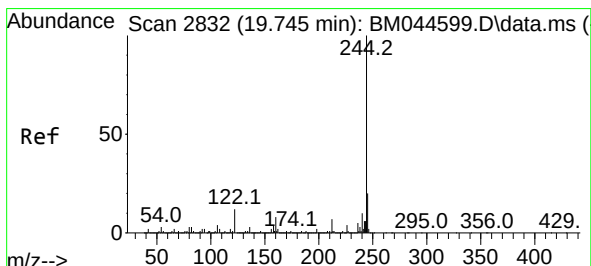
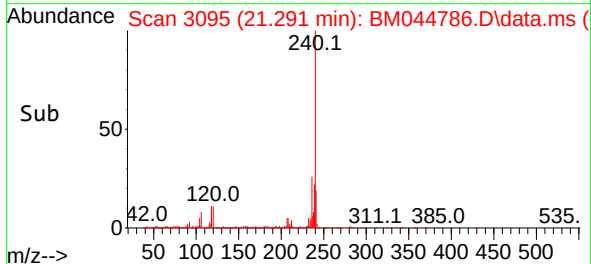
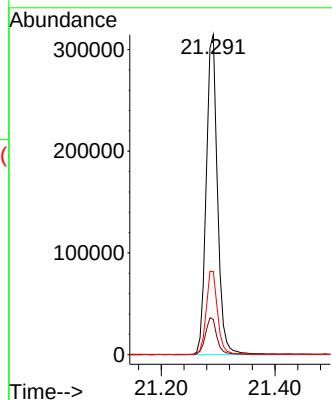
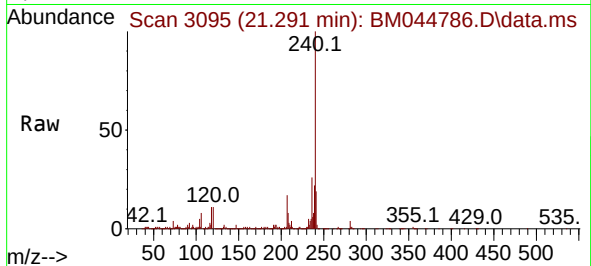




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.291 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

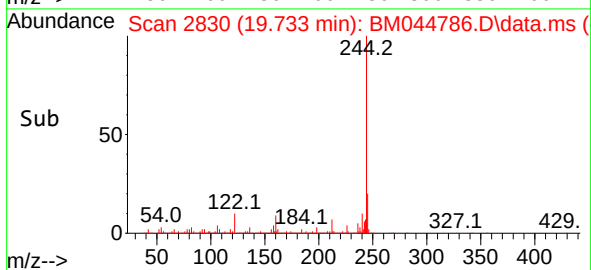
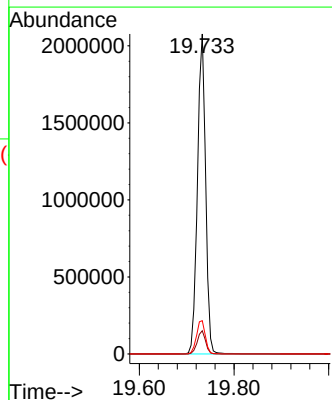
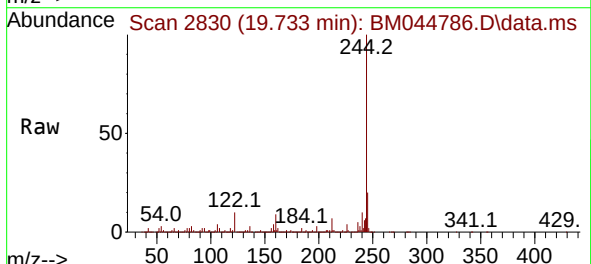
Instrument :
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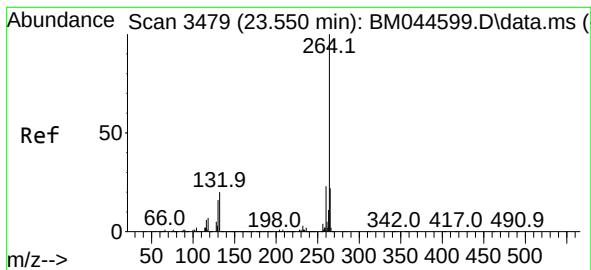
Tgt Ion:240 Resp: 431566
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 26.0 21.0 31.4



#79
Terphenyl-d14
Concen: 100.958 ng
RT: 19.733 min Scan# 2830
Delta R.T. -0.012 min
Lab File: BM044786.D
Acq: 27 Mar 2024 19:20

Tgt Ion:244 Resp: 2490653
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.4 9.7 14.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.538 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM044786.D

Acq: 27 Mar 2024 19:20

Instrument :

BNA_M

ClientSampleId :

VNJ-226

Tgt Ion:264 Resp: 195332

Ion Ratio Lower Upper

264 100

260 29.1 18.3 27.5#

265 23.7 17.5 26.3

