

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044748.D
 Acq On : 22 Mar 2024 23:16
 Operator : MA/JU
 Sample : P1830-04 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-226

Quant Time: Mar 23 00:33:08 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	7.692	152	215020	20.000	ng	-0.01
21) Naphthalene-d8	10.463	136	802384	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	430172	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	793046	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	676353	20.000	ng	-0.02
86) Perylene-d12	23.521	264	771818	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	101080	6.750	ng	0.00
7) Phenol-d6	6.869	99	115278	5.983	ng	-0.01
23) Nitrobenzene-d5	8.851	82	67257	4.038	ng	-0.01
42) 2,4,6-Tribromophenol	15.827	330	28284	5.961	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	144022	4.611	ng	-0.02
79) Terphenyl-d14	19.727	244	186903	4.834	ng	-0.02

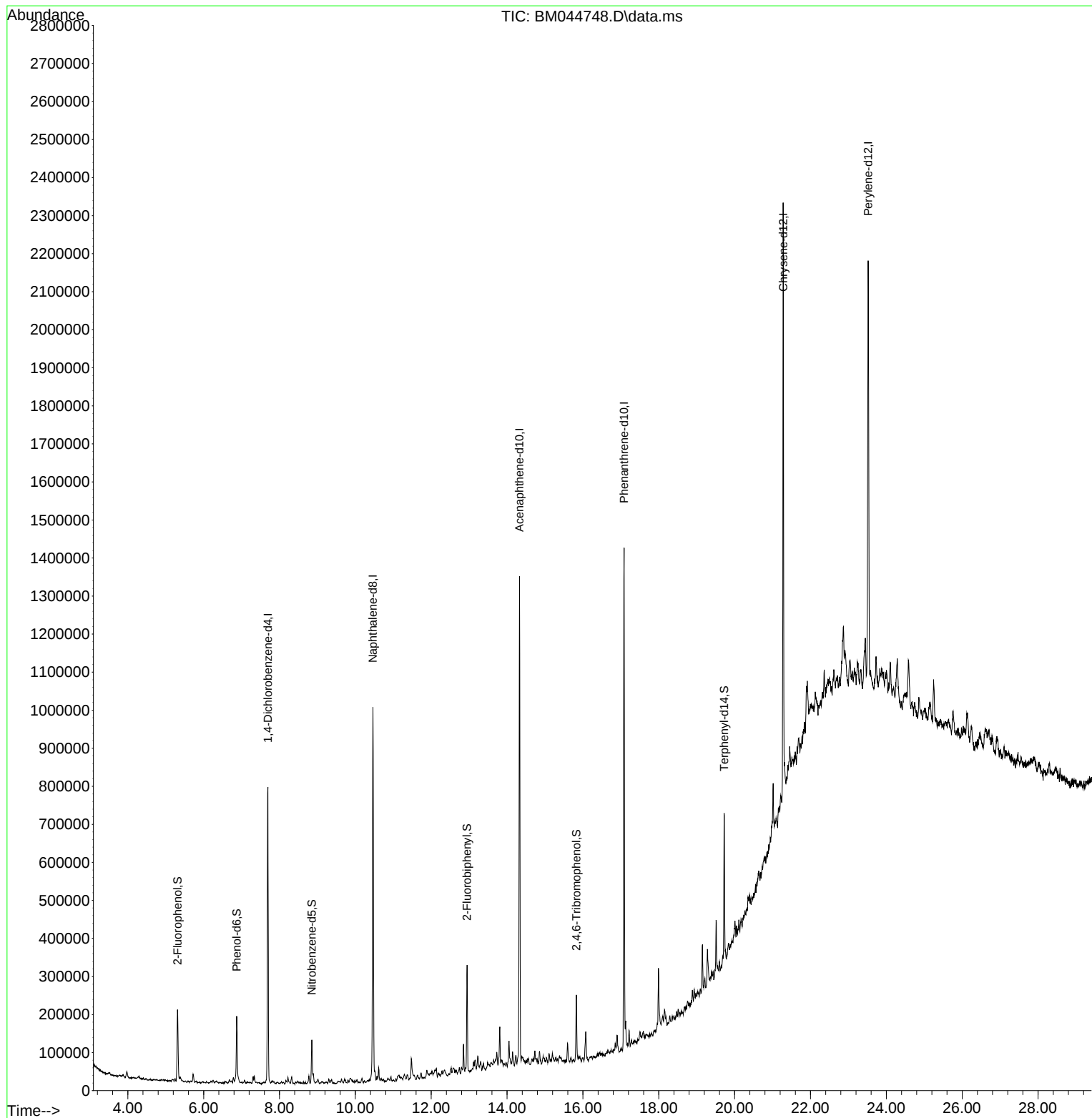
Target Compounds	Qvalue

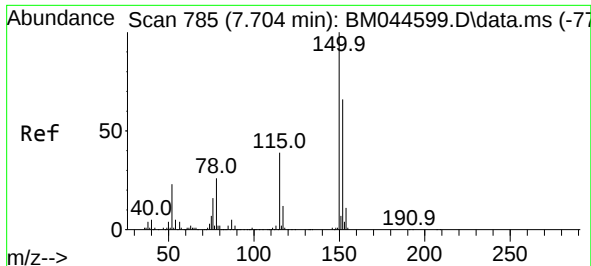
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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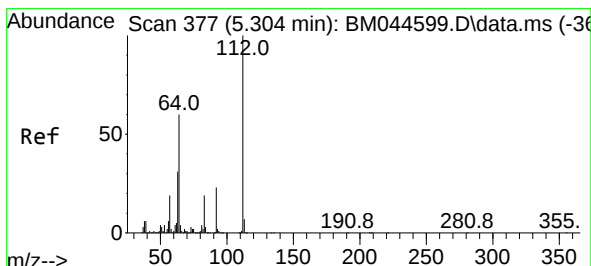
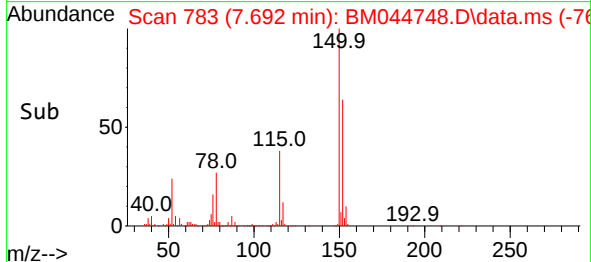
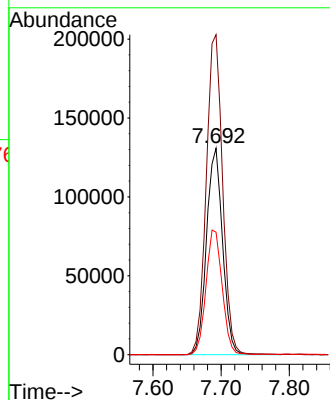
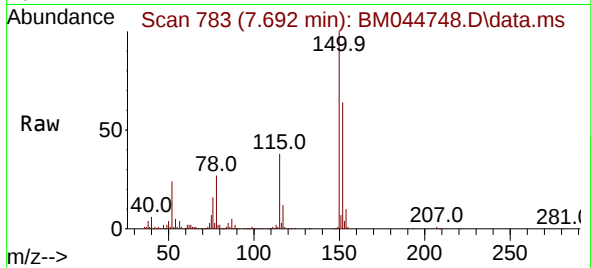




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.692 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM044748.D
Acq: 22 Mar 2024 23:16

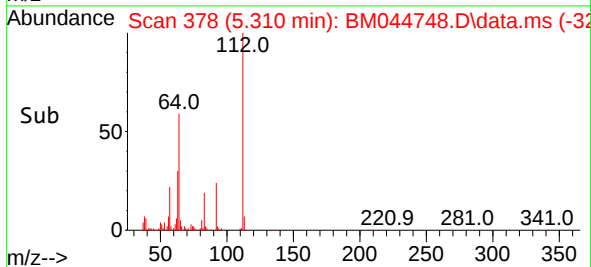
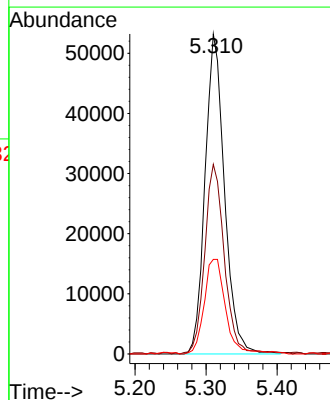
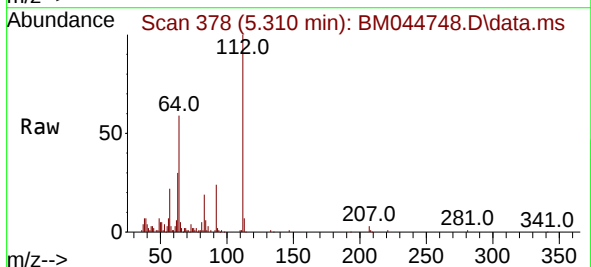
Instrument :
BNA_M
ClientSampleId :
VNJ-226

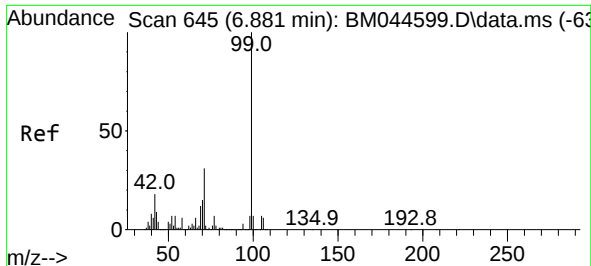
Tgt Ion:152 Resp: 215020
Ion Ratio Lower Upper
152 100
150 155.1 121.9 182.9
115 59.4 47.1 70.7



#5
2-Fluorophenol
Concen: 6.750 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM044748.D
Acq: 22 Mar 2024 23:16

Tgt Ion:112 Resp: 101080
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 29.6 25.0 37.4

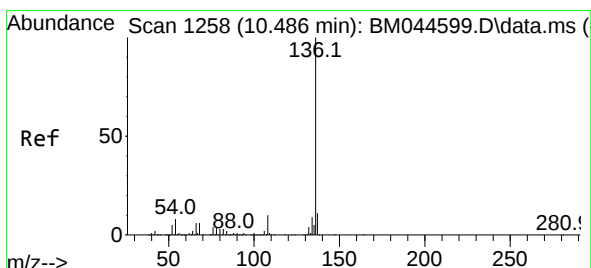
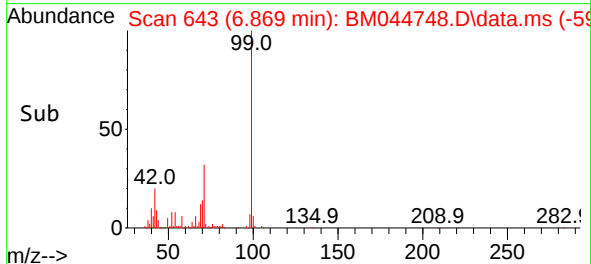
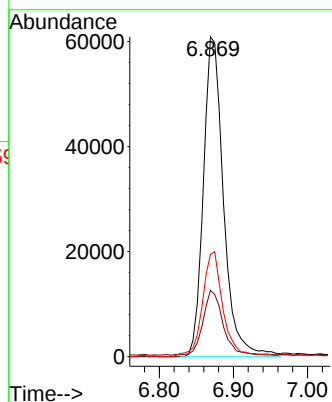
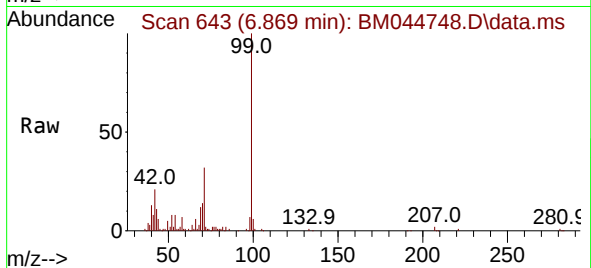




#7
Phenol-d6
Concen: 5.983 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044748.D
Acq: 22 Mar 2024 23:16

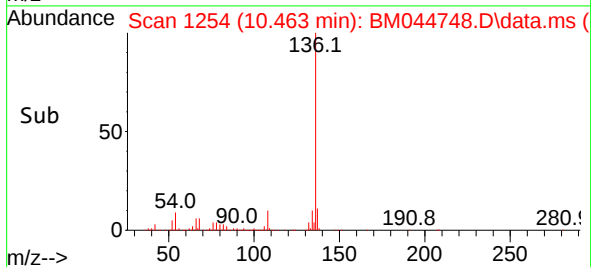
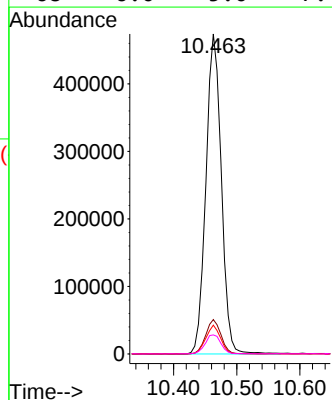
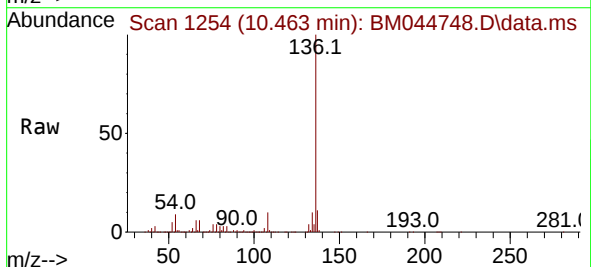
Instrument :
BNA_M
ClientSampleId :
VNJ-226

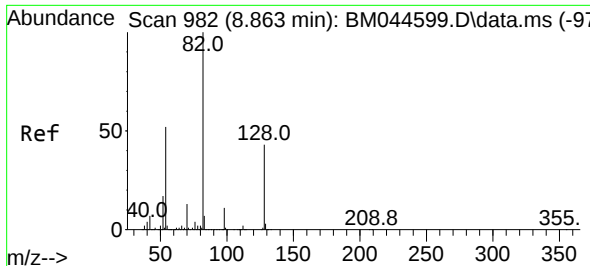
Tgt Ion: 99 Resp: 115278
Ion Ratio Lower Upper
99 100
42 20.8 14.3 21.5
71 32.0 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044748.D
Acq: 22 Mar 2024 23:16

Tgt Ion: 136 Resp: 802384
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.0 6.6 10.0
68 6.0 5.0 7.4

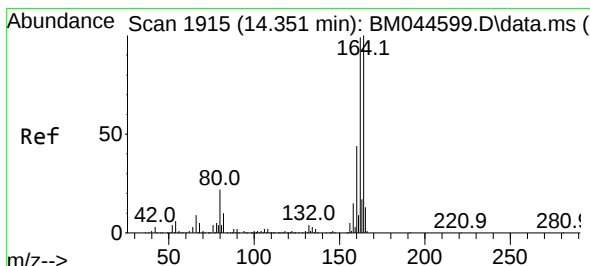
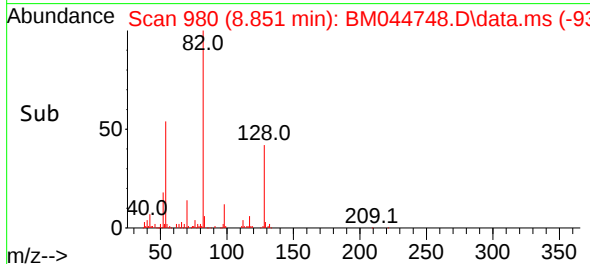
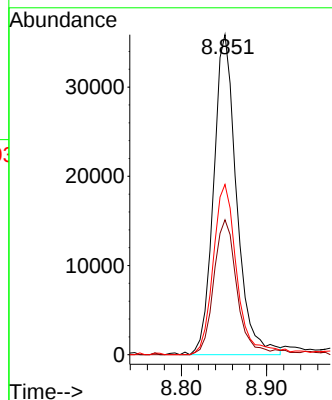
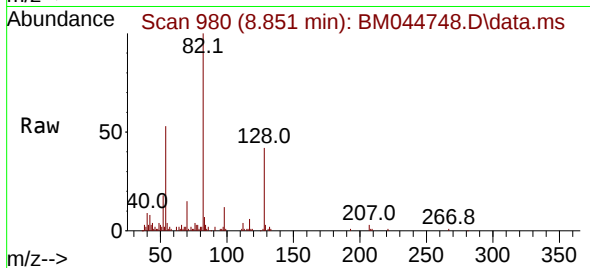




#23
Nitrobenzene-d5
Concen: 4.038 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044748.D
Acq: 22 Mar 2024 23:16

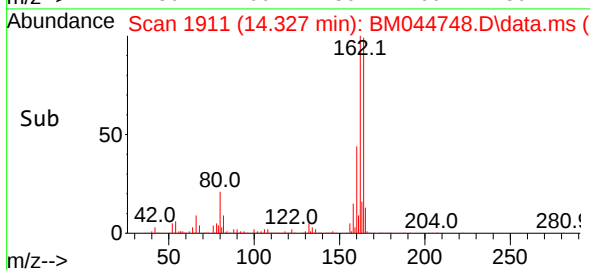
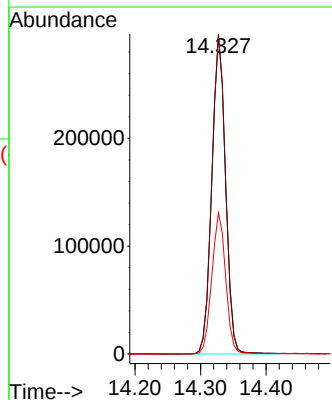
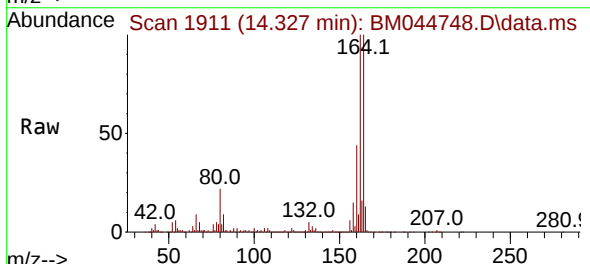
Instrument :
BNA_M
ClientSampleId :
VNJ-226

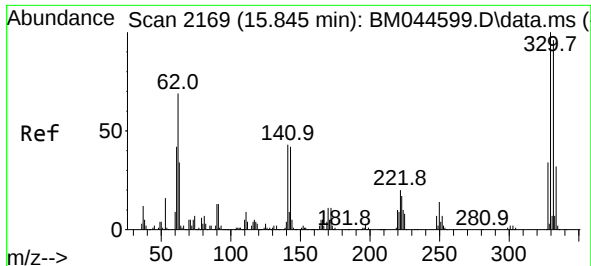
Tgt Ion: 82 Resp: 67257
Ion Ratio Lower Upper
82 100
128 42.2 34.2 51.4
54 53.2 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.024 min
Lab File: BM044748.D
Acq: 22 Mar 2024 23:16

Tgt Ion: 164 Resp: 430172
Ion Ratio Lower Upper
164 100
162 100.5 79.3 118.9
160 44.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 5.961 ng

RT: 15.827 min Scan# 2166

Delta R.T. -0.018 min

Lab File: BM044748.D

Acq: 22 Mar 2024 23:16

Instrument :

BNA_M

ClientSampleId :

VNJ-226

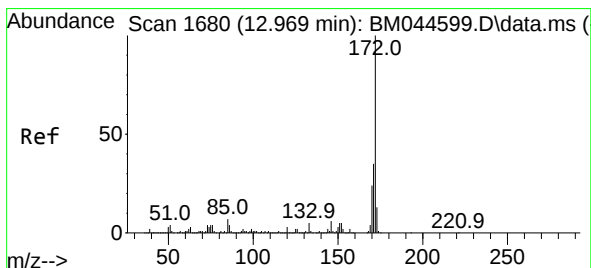
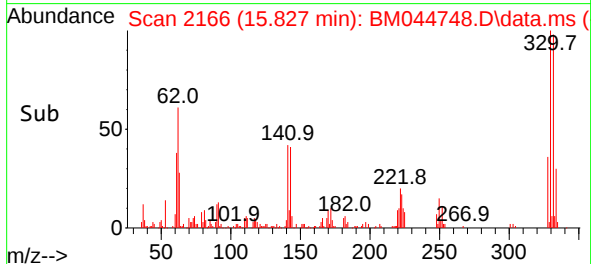
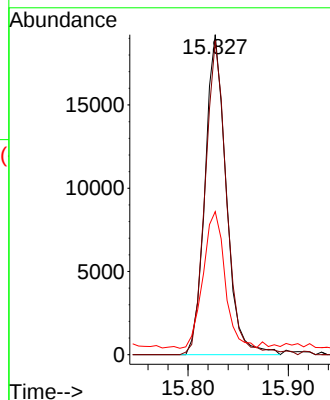
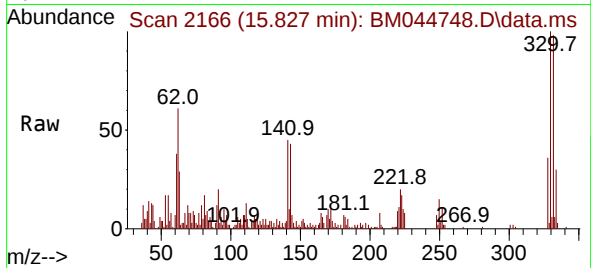
Tgt Ion:330 Resp: 28284

Ion Ratio Lower Upper

330 100

332 99.0 77.8 116.8

141 44.0 33.4 50.0



#45

2-Fluorobiphenyl

Concen: 4.611 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.024 min

Lab File: BM044748.D

Acq: 22 Mar 2024 23:16

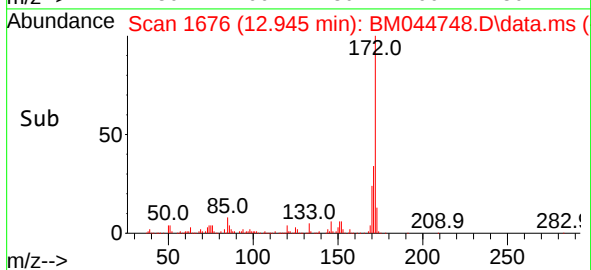
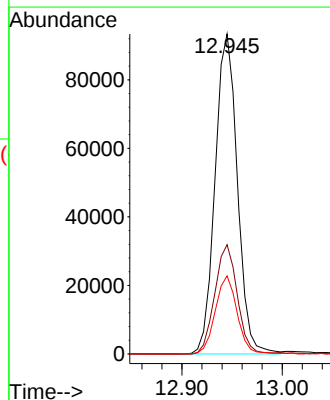
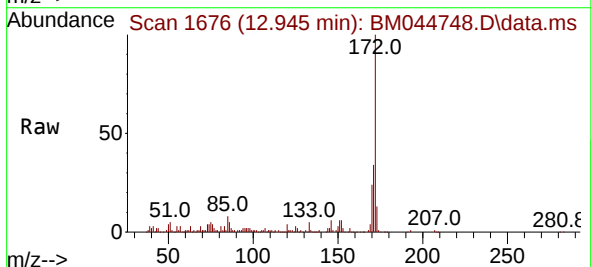
Tgt Ion:172 Resp: 144022

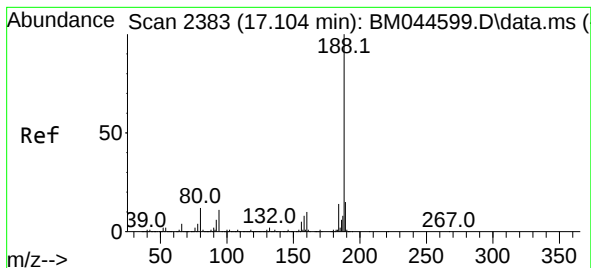
Ion Ratio Lower Upper

172 100

171 34.1 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. -0.018 min

Lab File: BM044748.D

Acq: 22 Mar 2024 23:16

Instrument :

BNA_M

ClientSampleId :

VNJ-226

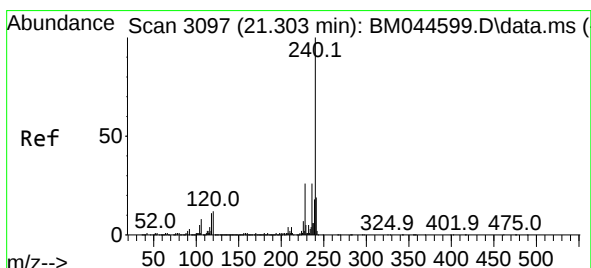
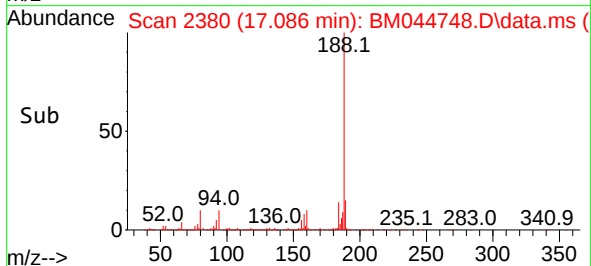
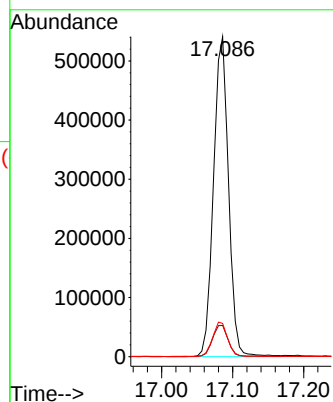
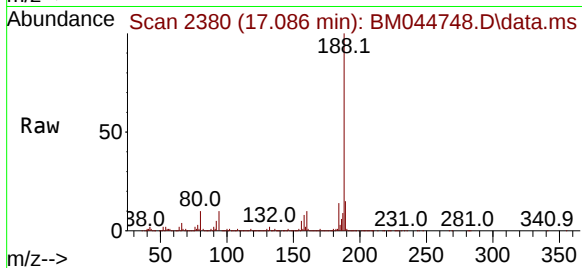
Tgt Ion:188 Resp: 793046

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

80 10.4 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.280 min Scan# 3093

Delta R.T. -0.024 min

Lab File: BM044748.D

Acq: 22 Mar 2024 23:16

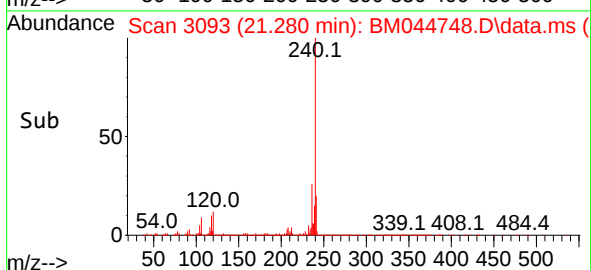
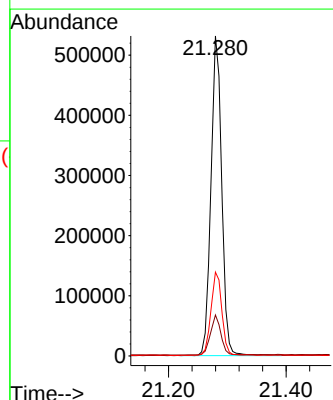
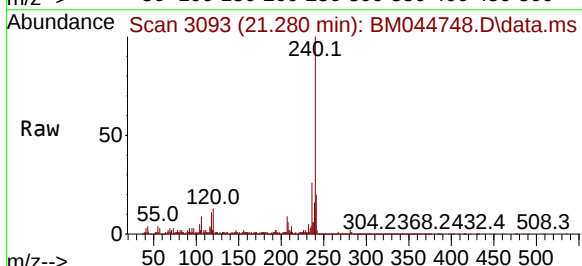
Tgt Ion:240 Resp: 676353

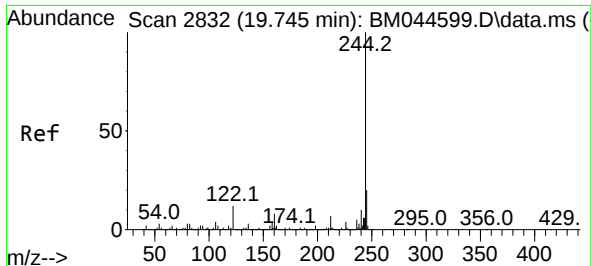
Ion Ratio Lower Upper

240 100

120 12.8 9.7 14.5

236 26.2 21.0 31.4

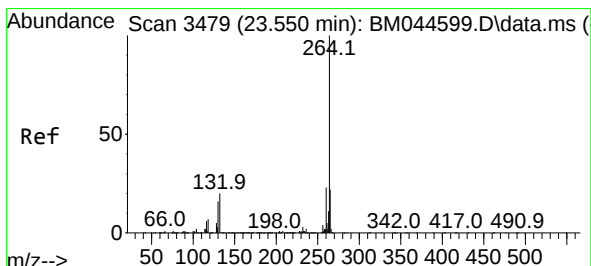
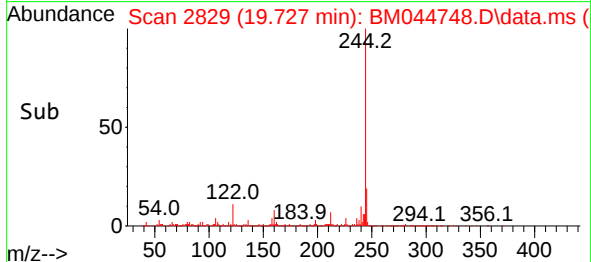
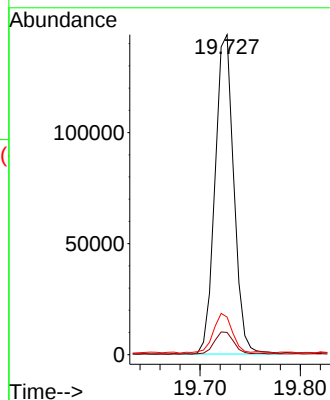
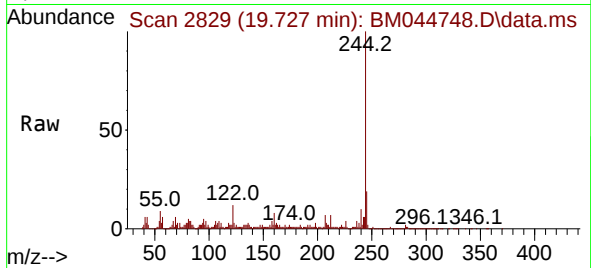




#79
 Terphenyl-d14
 Concen: 4.834 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM044748.D
 Acq: 22 Mar 2024 23:16

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-226

Tgt Ion:244 Resp: 186903
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.8 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.521 min Scan# 3474
 Delta R.T. -0.029 min
 Lab File: BM044748.D
 Acq: 22 Mar 2024 23:16

Tgt Ion:264 Resp: 771818
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 22.1 17.5 26.3

