

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
 Data File : BM044785.D
 Acq On : 27 Mar 2024 18:44
 Operator : MA/JU
 Sample : P1830-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-206

Quant Time: Mar 28 01:00:31 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)

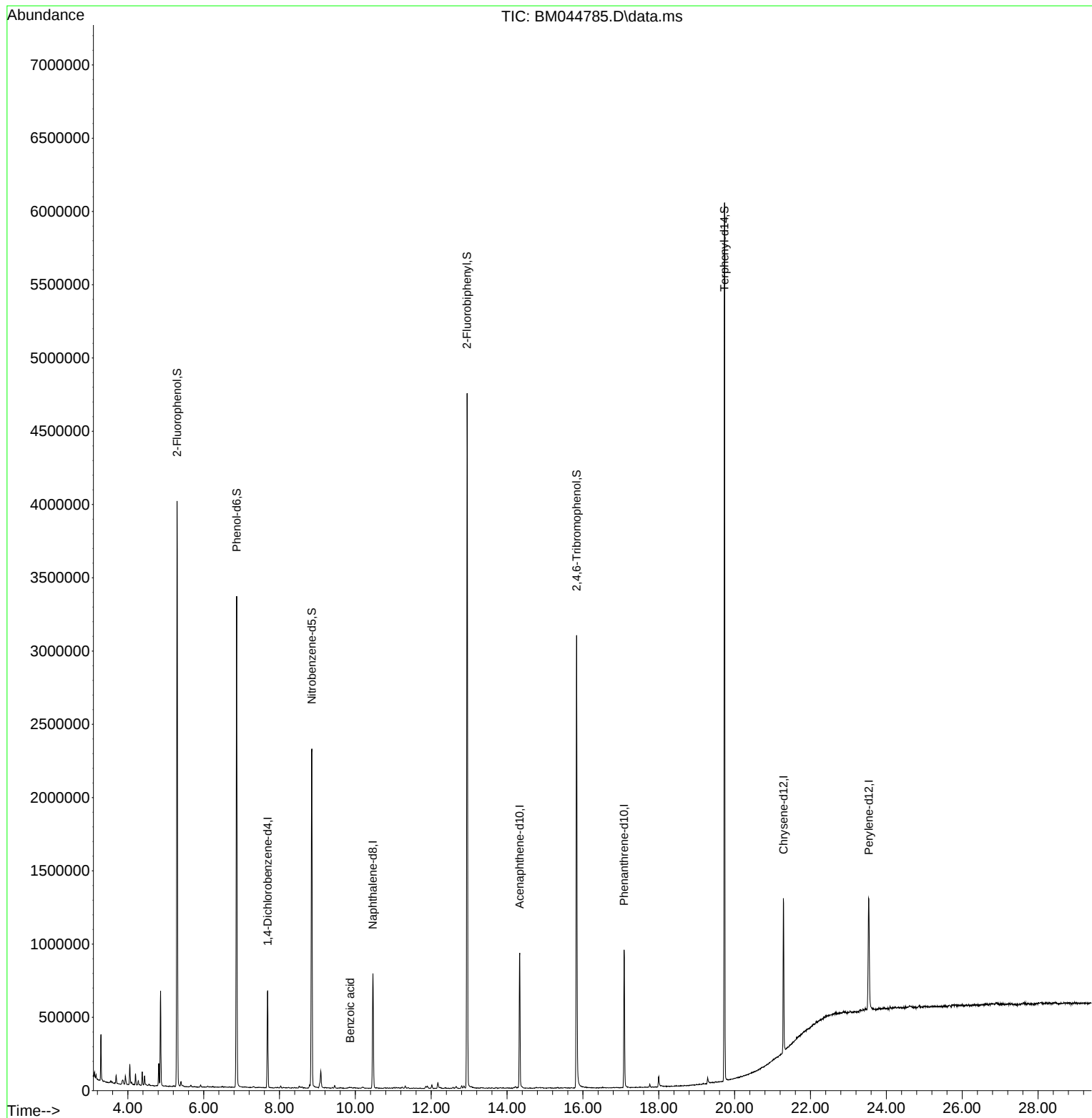
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	172484	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	632544	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	326274	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	565699	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	500509	20.000	ng	-0.02
86) Perylene-d12	23.539	264	594973	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1560549	129.902	ng	0.00
7) Phenol-d6	6.869	99	1735601	112.299	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1310803	99.833	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	531993	147.830	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2357632	99.517	ng	-0.02
79) Terphenyl-d14	19.733	244	2685273	93.854	ng	-0.01
Target Compounds						
32) Benzoic acid	9.863	122	2014	3.856	ng	Qvalue # 51

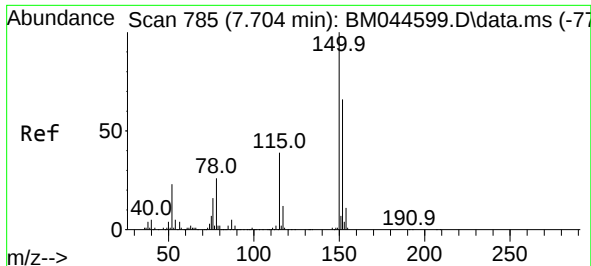
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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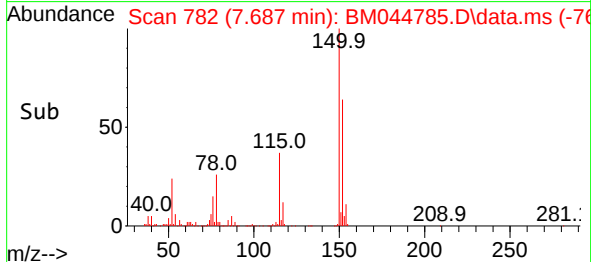
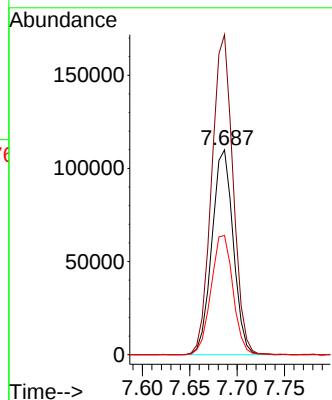
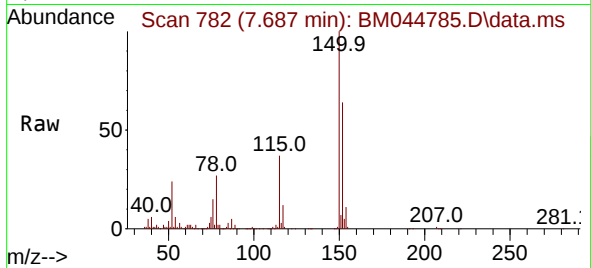




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044785.D
Acq: 27 Mar 2024 18:44

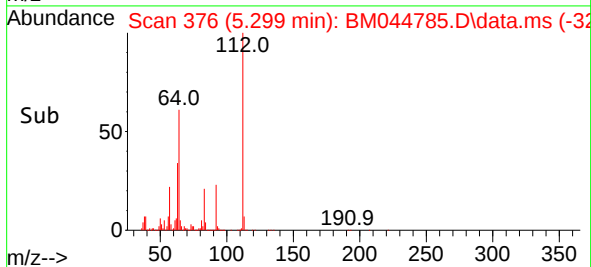
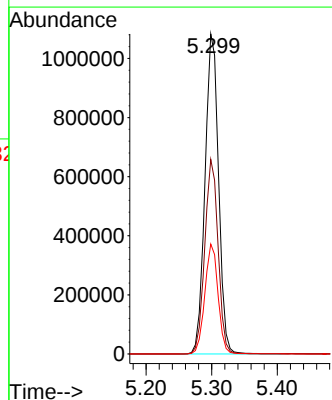
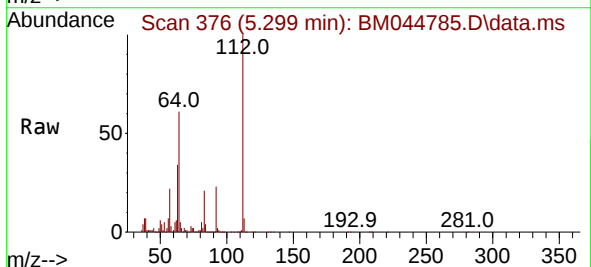
Instrument :
BNA_M
ClientSampleId :
VNJ-206

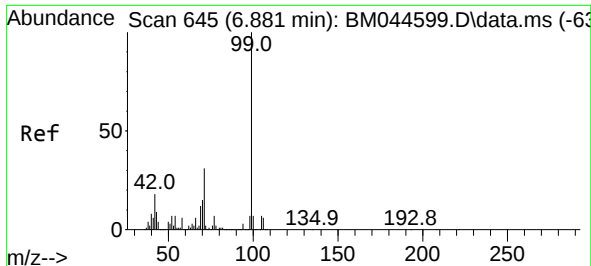
Tgt Ion:152 Resp: 172484
Ion Ratio Lower Upper
152 100
150 156.2 121.9 182.9
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 129.902 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044785.D
Acq: 27 Mar 2024 18:44

Tgt Ion:112 Resp: 1560549
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 34.4 25.0 37.4

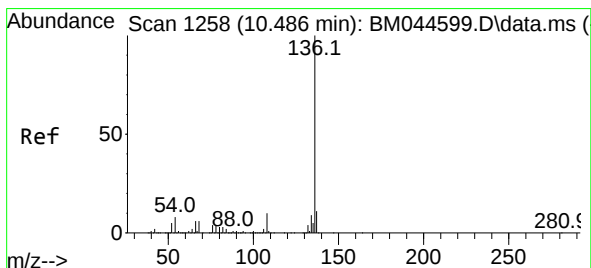
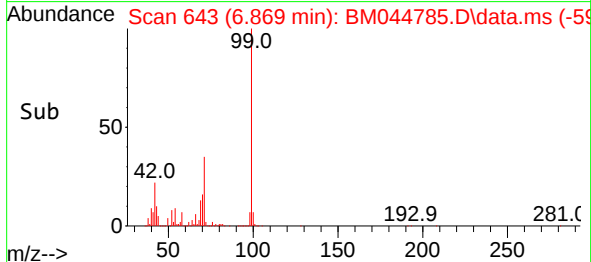
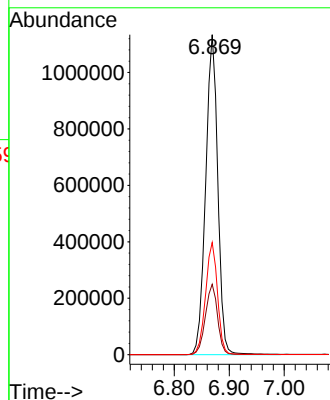
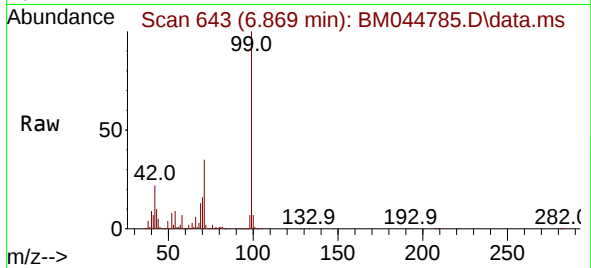




#7
Phenol-d6
Concen: 112.299 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044785.D
Acq: 27 Mar 2024 18:44

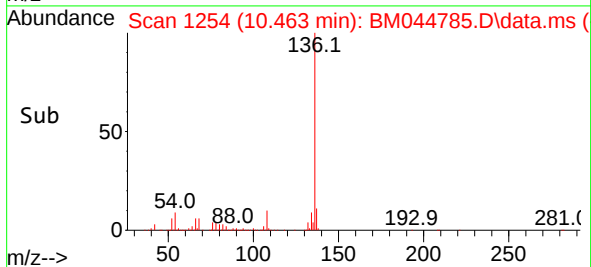
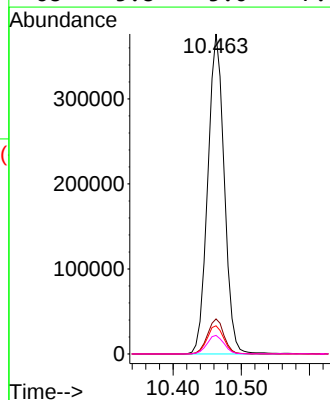
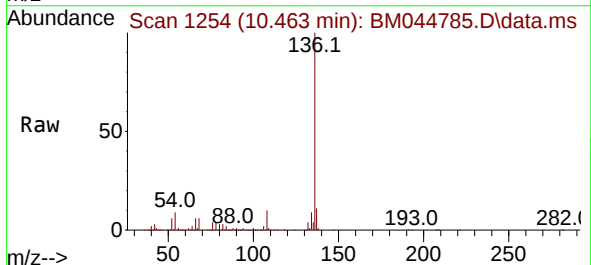
Instrument :
BNA_M
ClientSampleId :
VNJ-206

Tgt Ion: 99 Resp: 1735601
Ion Ratio Lower Upper
99 100
42 22.0 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. -0.023 min
Lab File: BM044785.D
Acq: 27 Mar 2024 18:44

Tgt Ion:136 Resp: 632544
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.8 6.6 10.0
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.833 ng

RT: 8.851 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM044785.D

Acq: 27 Mar 2024 18:44

Instrument :

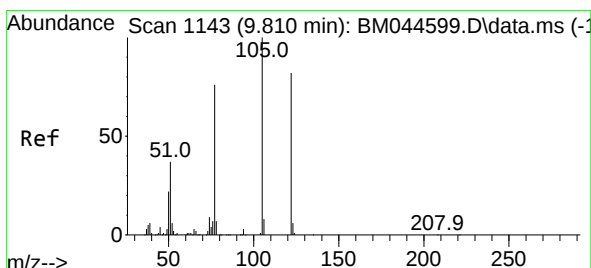
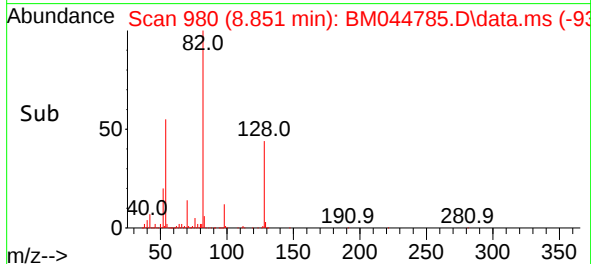
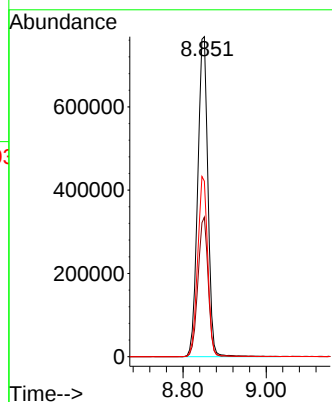
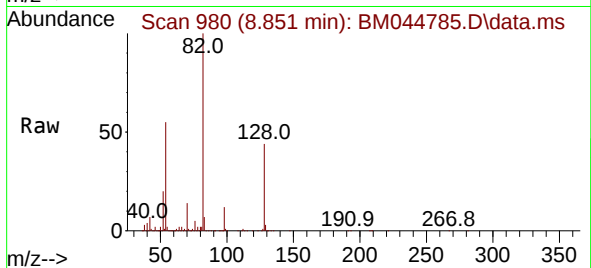
BNA_M

ClientSampleId :

VNJ-206

Tgt Ion: 82 Resp: 1310803

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.4
54	54.9	41.3	61.9



#32

Benzoic acid

Concen: 3.856 ng

RT: 9.863 min Scan# 1152

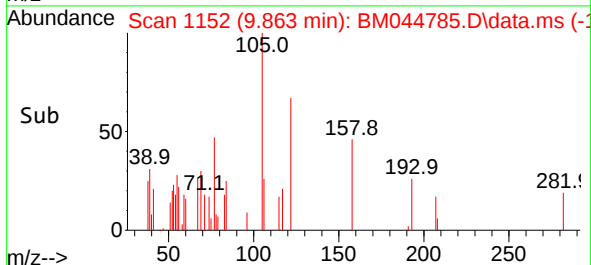
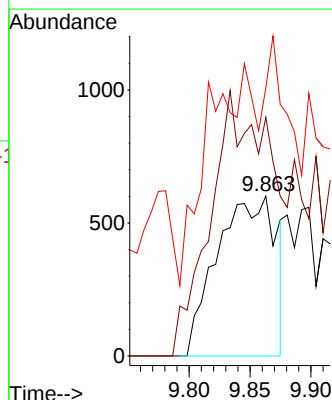
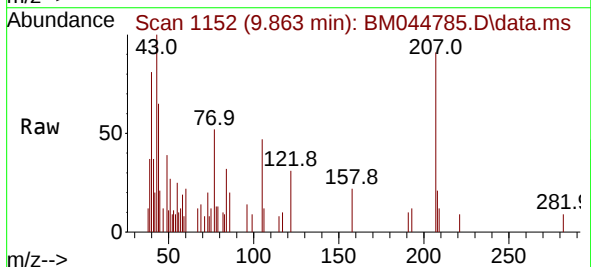
Delta R.T. 0.053 min

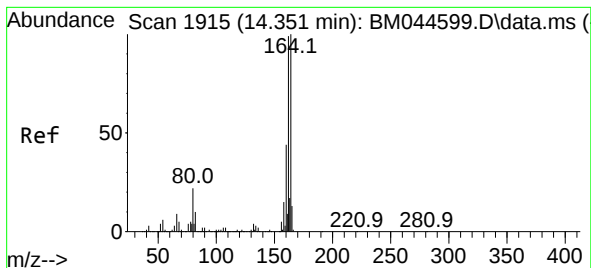
Lab File: BM044785.D

Acq: 27 Mar 2024 18:44

Tgt Ion: 122 Resp: 2014

Ion	Ratio	Lower	Upper
122	100		
105	149.3	100.0	140.0#
77	167.6	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: BM044785.D

Acq: 27 Mar 2024 18:44

Instrument :

BNA_M

ClientSampleId :

VNJ-206

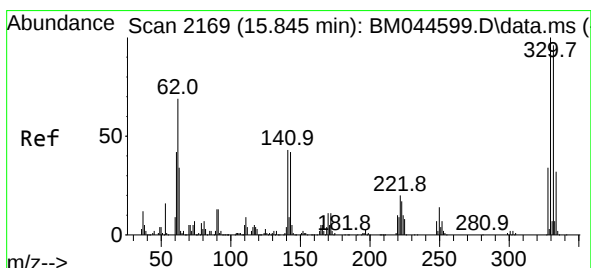
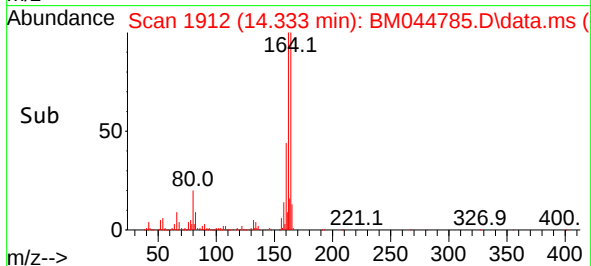
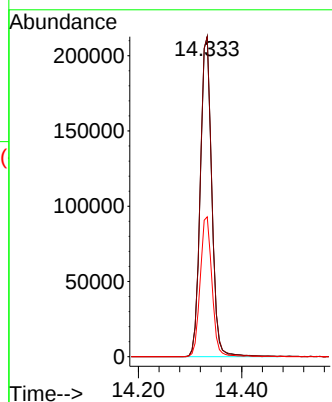
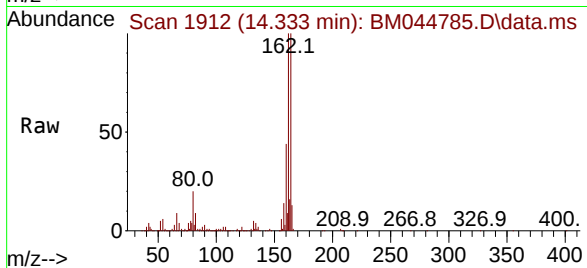
Tgt Ion:164 Resp: 326274

Ion Ratio Lower Upper

164 100

162 100.0 79.3 118.9

160 43.7 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 147.830 ng

RT: 15.833 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM044785.D

Acq: 27 Mar 2024 18:44

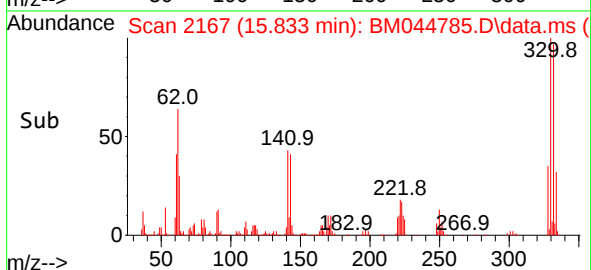
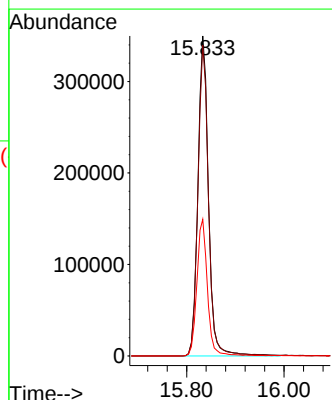
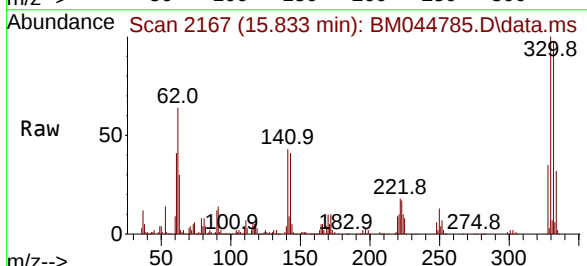
Tgt Ion:330 Resp: 531993

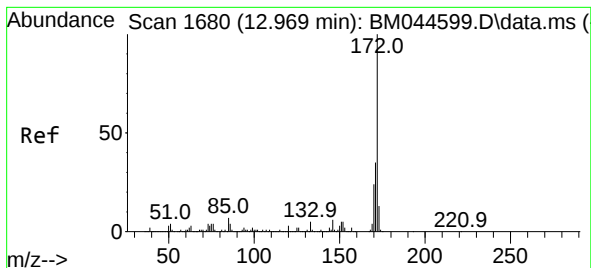
Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 42.5 33.4 50.0





#45

2-Fluorobiphenyl

Concen: 99.517 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM044785.D

Acq: 27 Mar 2024 18:44

Instrument :

BNA_M

ClientSampleId :

VNJ-206

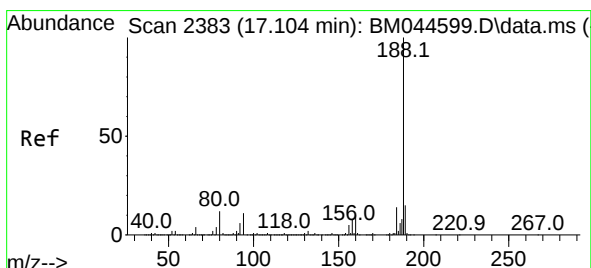
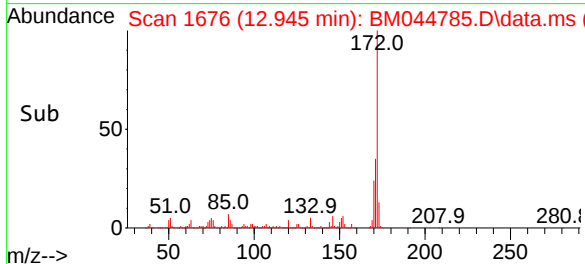
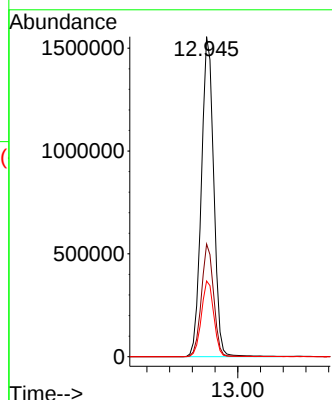
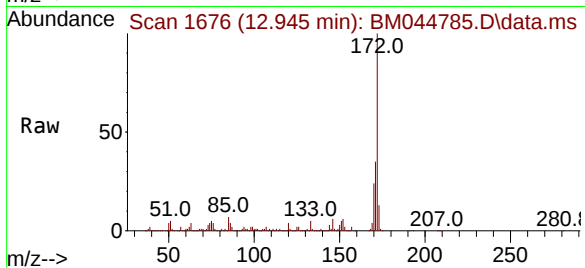
Tgt Ion:172 Resp: 2357632

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.7 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: BM044785.D

Acq: 27 Mar 2024 18:44

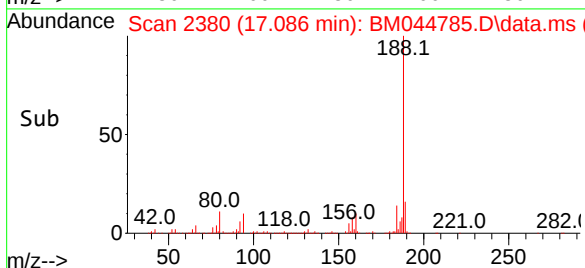
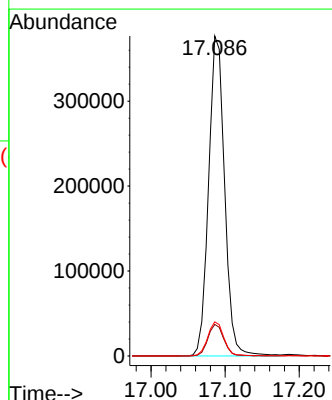
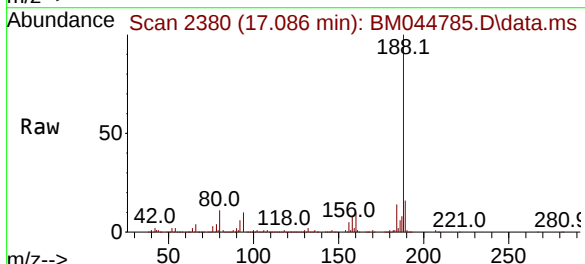
Tgt Ion:188 Resp: 565699

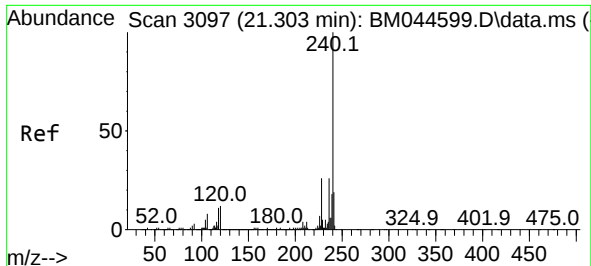
Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

80 10.6 9.4 14.0

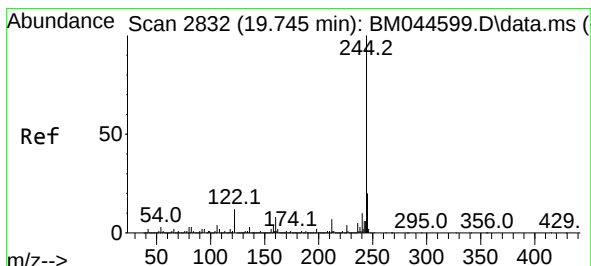
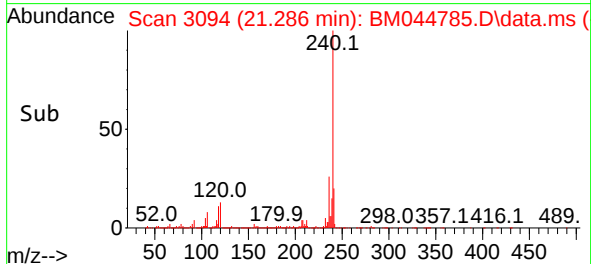
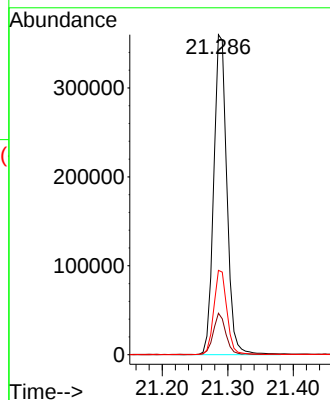
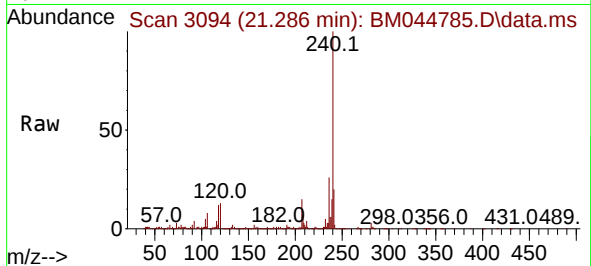




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM044785.D
Acq: 27 Mar 2024 18:44

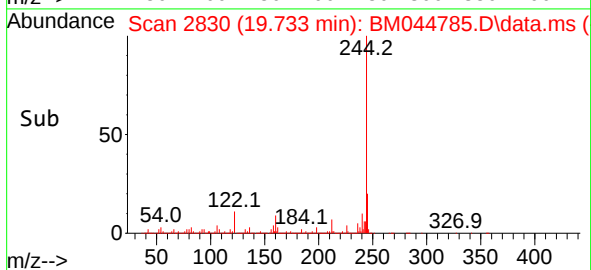
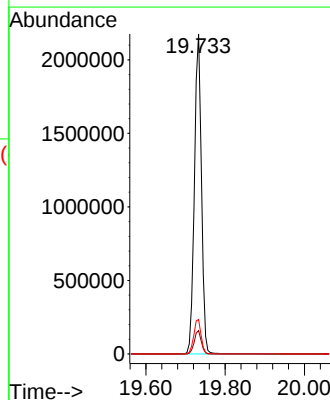
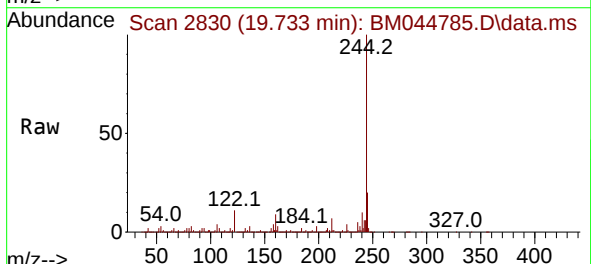
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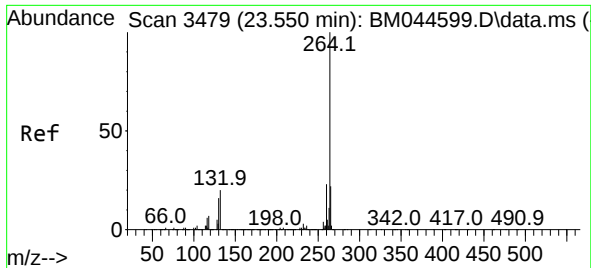
Tgt Ion:240 Resp: 500509
Ion Ratio Lower Upper
240 100
120 12.9 9.7 14.5
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 93.854 ng
RT: 19.733 min Scan# 2830
Delta R.T. -0.012 min
Lab File: BM044785.D
Acq: 27 Mar 2024 18:44

Tgt Ion:244 Resp: 2685273
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 10.7 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.539 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM044785.D
Acq: 27 Mar 2024 18:44

Instrument :
BNA_M
ClientSampleId :
VNJ-206

Tgt Ion:264 Resp: 594973
Ion Ratio Lower Upper
264 100
260 24.2 18.3 27.5
265 22.7 17.5 26.3

