

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137322.D
 Acq On : 07 Feb 2024 16:09
 Operator : CG\JU
 Sample : P1355-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Quant Time: Feb 07 16:29:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

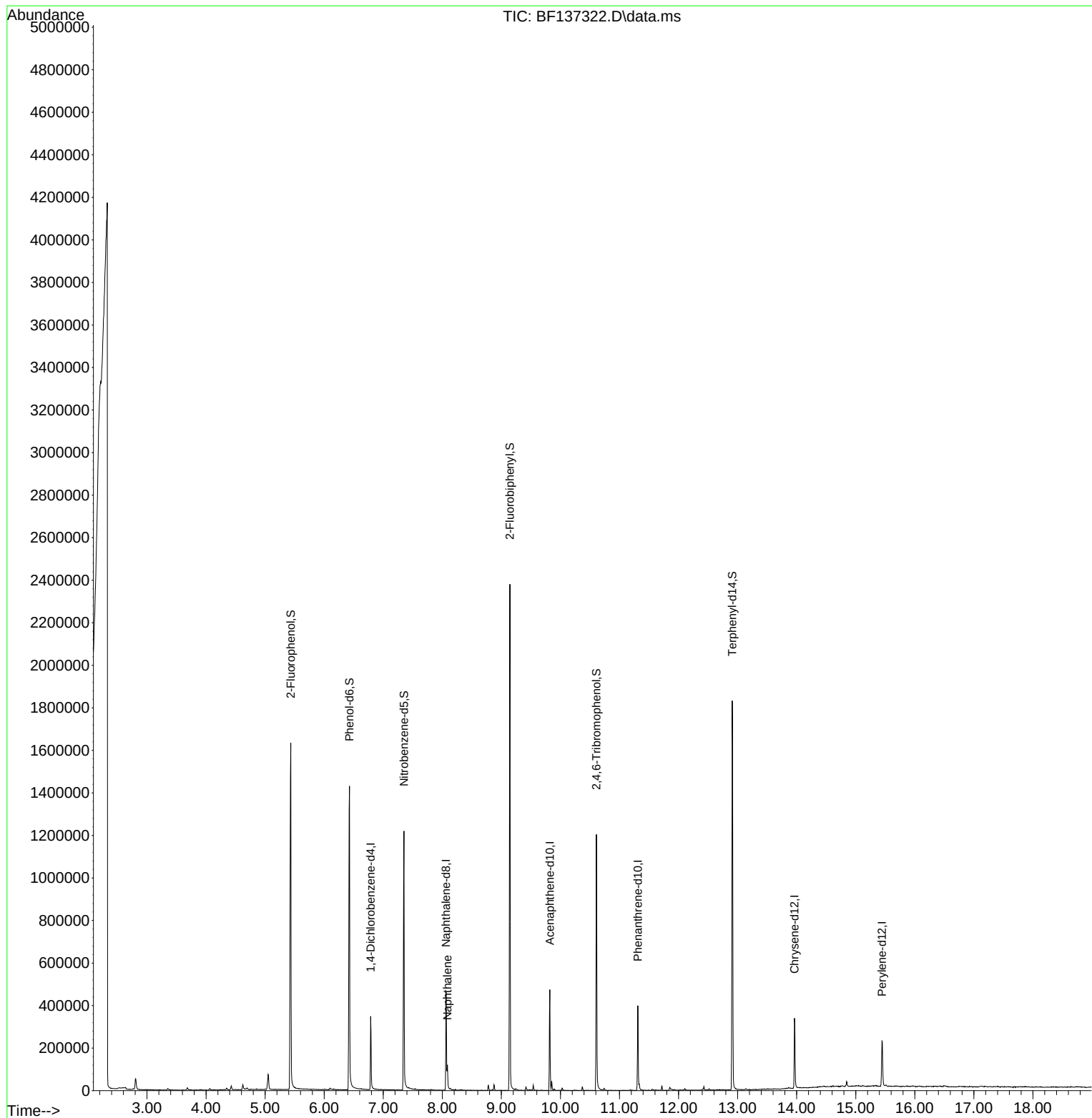
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	47898	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	185745	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	93337	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	147273	20.000	ng	0.00
76) Chrysene-d12	13.963	240	127345	20.000	ng	-0.01
86) Perylene-d12	15.445	264	112340	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	423615	145.935	ng	0.02
7) Phenol-d6	6.428	99	505215	121.958	ng	0.00
23) Nitrobenzene-d5	7.351	82	398845	96.137	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	137297	130.250	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	660403	97.264	ng	0.00
79) Terphenyl-d14	12.910	244	682084	72.814	ng	-0.01
Target Compounds						
31) Naphthalene	8.086	128	43947	4.376	ng	99

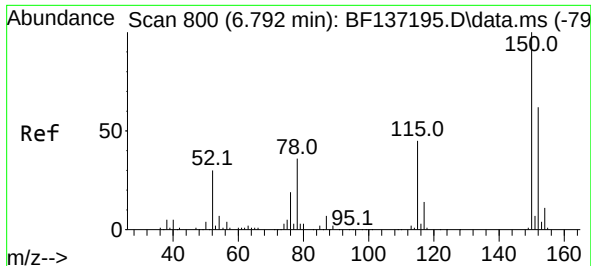
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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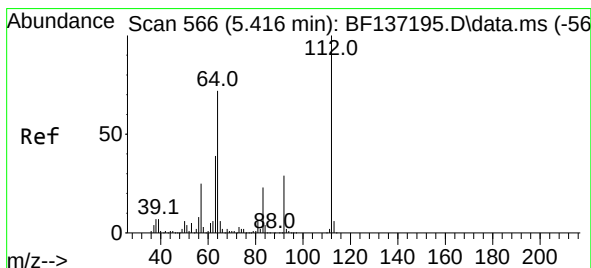
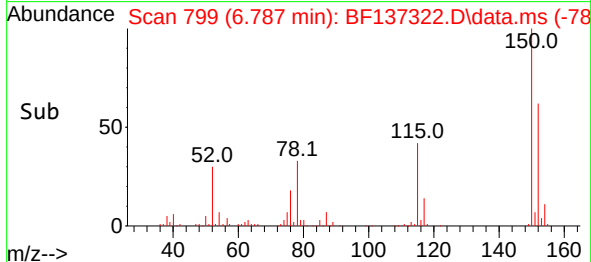
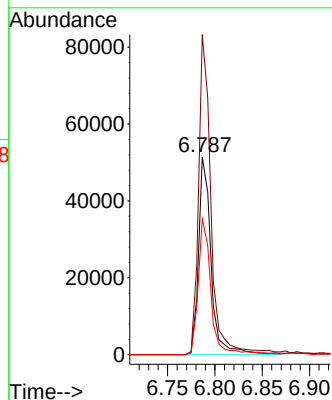
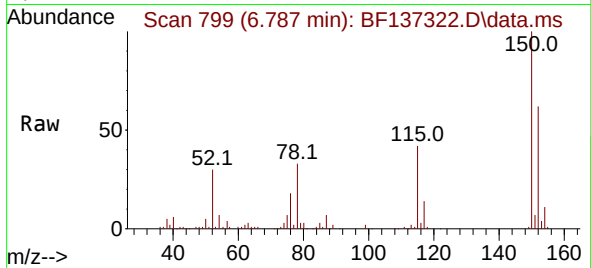




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

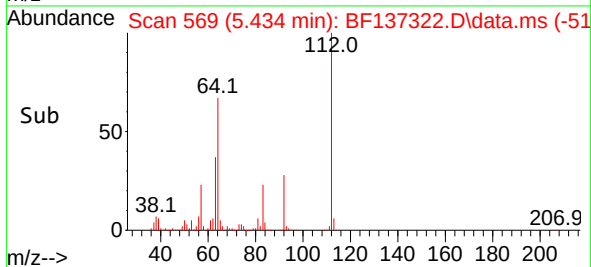
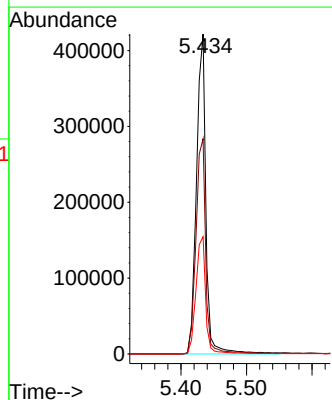
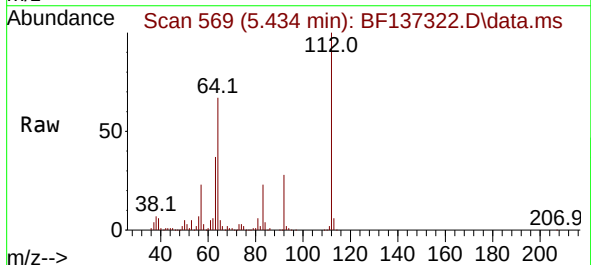
Instrument :
BNA_F
ClientSampleId :
VNJ-214

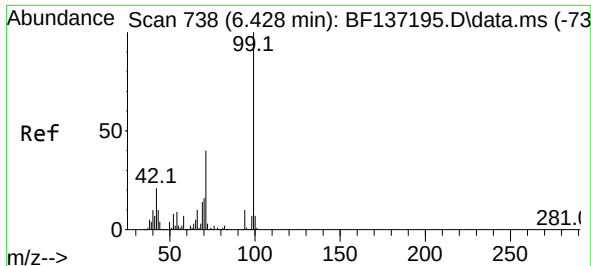
Tgt Ion:152 Resp: 47898
Ion Ratio Lower Upper
152 100
150 162.0 129.8 194.8
115 68.8 58.5 87.7



#5
2-Fluorophenol
Concen: 145.935 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

Tgt Ion:112 Resp: 423615
Ion Ratio Lower Upper
112 100
64 67.3 57.8 86.6
63 36.7 31.4 47.0

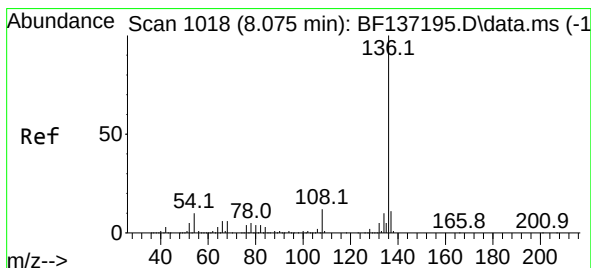
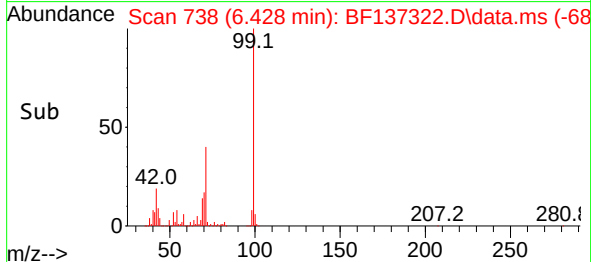
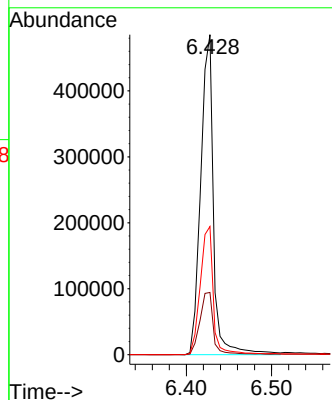
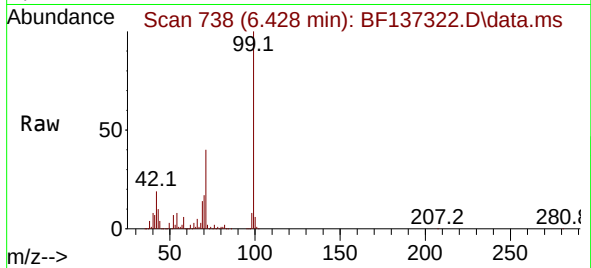




#7
Phenol-d6
Concen: 121.958 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

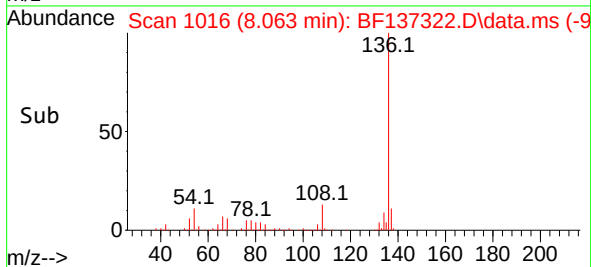
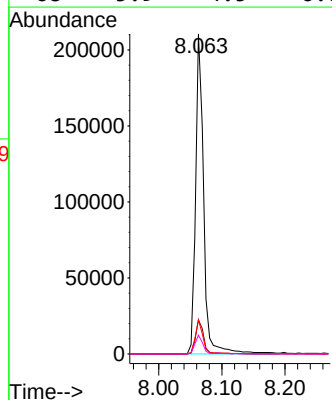
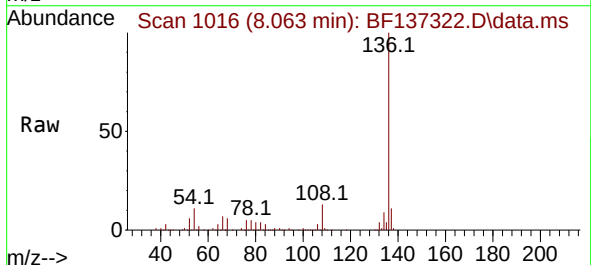
Instrument :
BNA_F
ClientSampleId :
VNJ-214

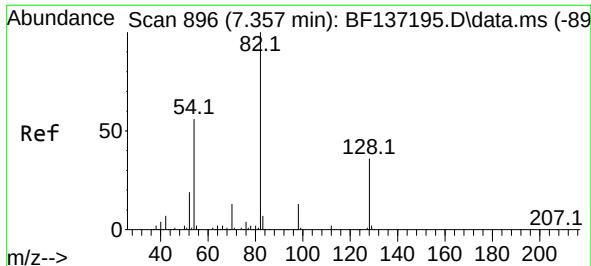
Tgt Ion: 99 Resp: 505215
Ion Ratio Lower Upper
99 100
42 19.4 16.4 24.6
71 40.1 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

Tgt Ion: 136 Resp: 185745
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.7 7.8 11.8
68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 96.137 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137322.D

Acq: 07 Feb 2024 16:09

Instrument :

BNA_F

ClientSampleId :

VNJ-214

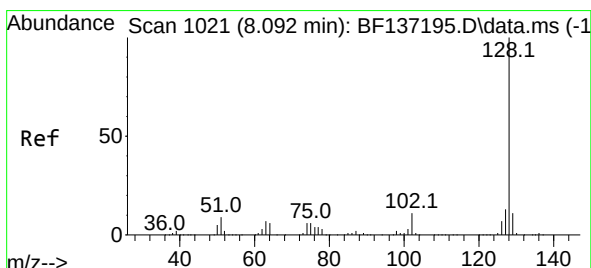
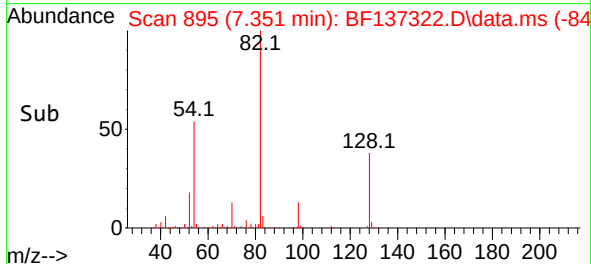
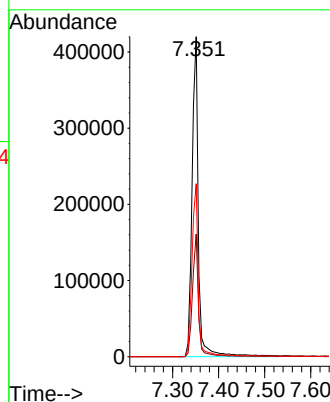
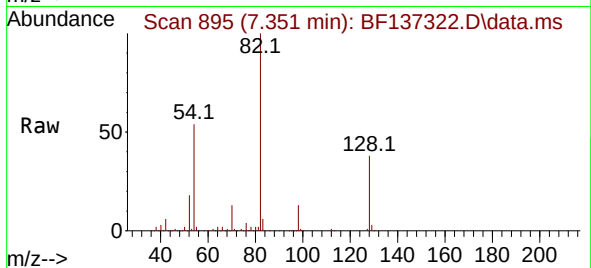
Tgt Ion: 82 Resp: 398845

Ion Ratio Lower Upper

82 100

128 38.3 29.1 43.7

54 54.1 45.0 67.6



#31

Naphthalene

Concen: 4.376 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF137322.D

Acq: 07 Feb 2024 16:09

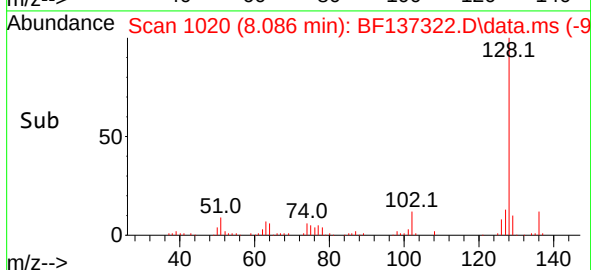
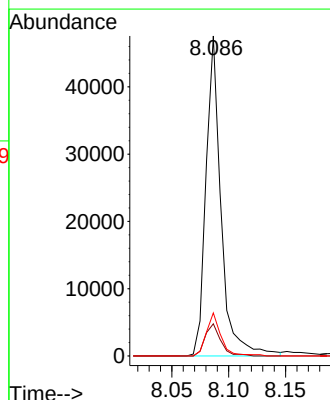
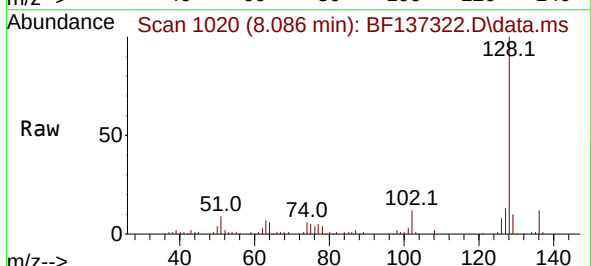
Tgt Ion: 128 Resp: 43947

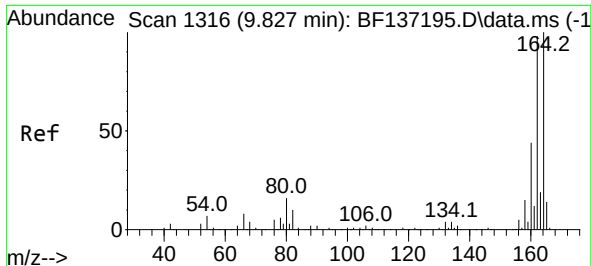
Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

127 13.5 10.5 15.7

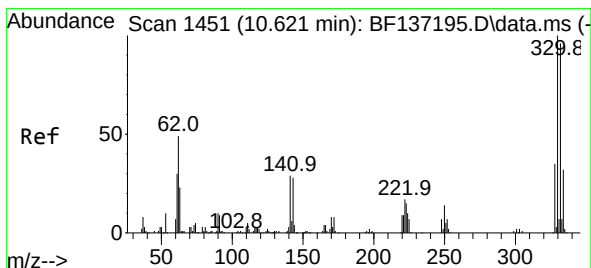
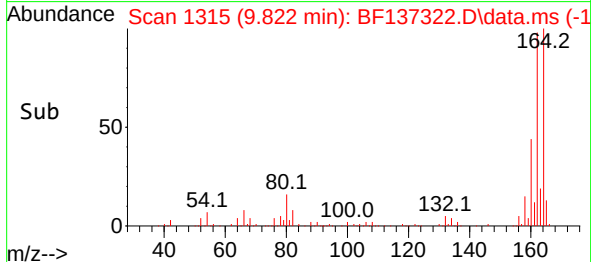
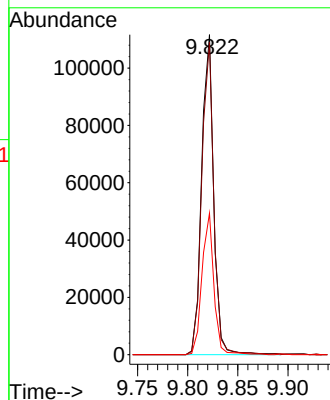
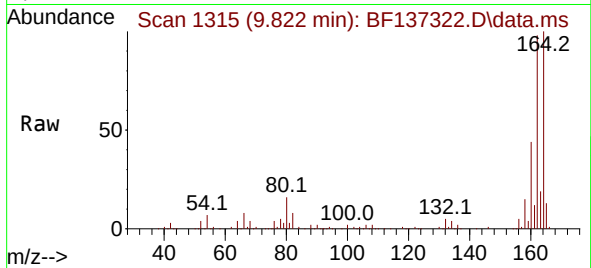




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

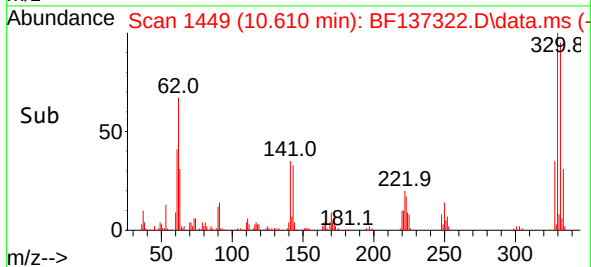
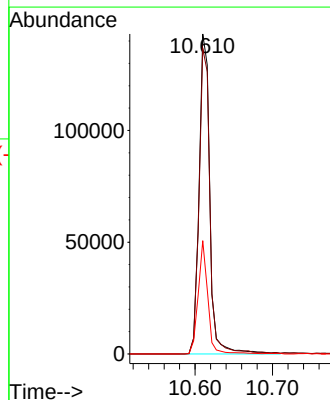
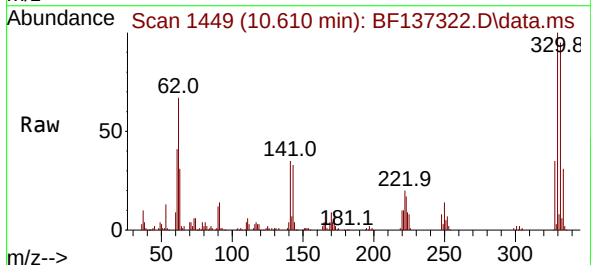
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VNJ-214

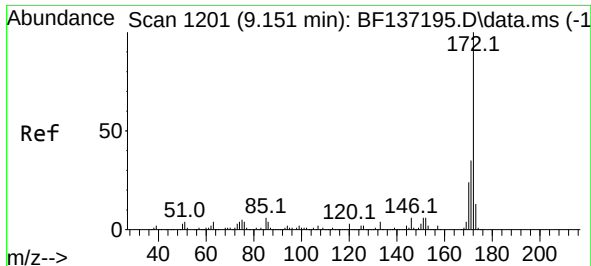
Tgt Ion:164 Resp: 93337
Ion Ratio Lower Upper
164 100
162 97.7 78.3 117.5
160 44.2 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 130.250 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

Tgt Ion:330 Resp: 137297
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 31.8 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 97.264 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137322.D

Acq: 07 Feb 2024 16:09

Instrument :

BNA_F

ClientSampleId :

VNJ-214

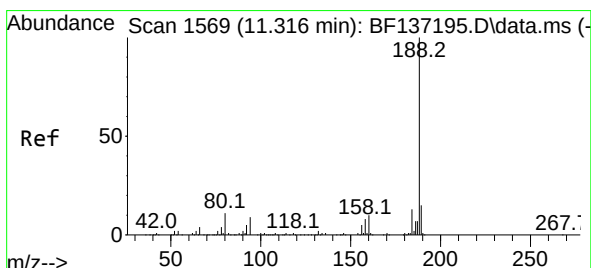
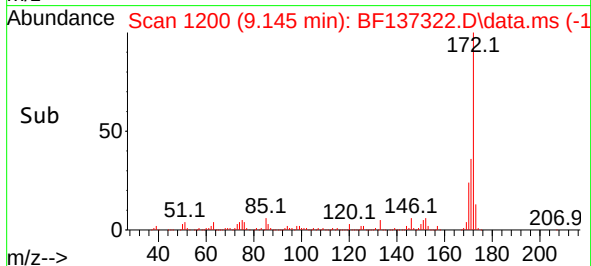
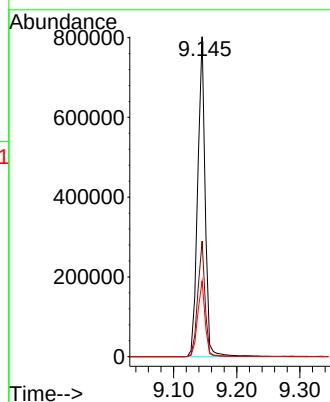
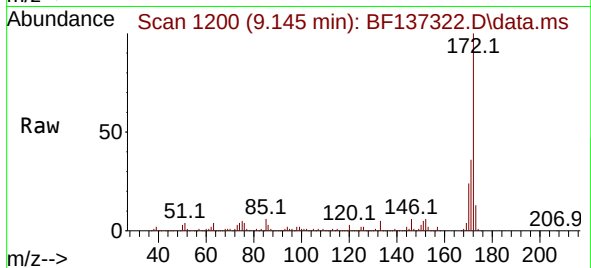
Tgt Ion:172 Resp: 660403

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.7 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF137322.D

Acq: 07 Feb 2024 16:09

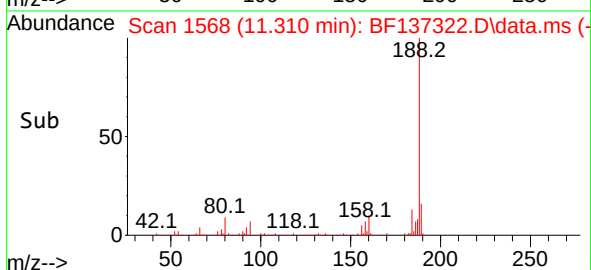
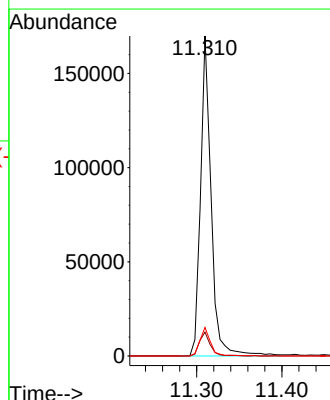
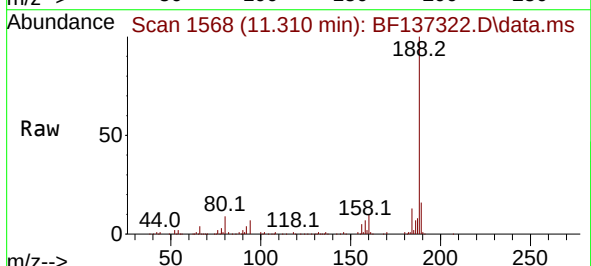
Tgt Ion:188 Resp: 147273

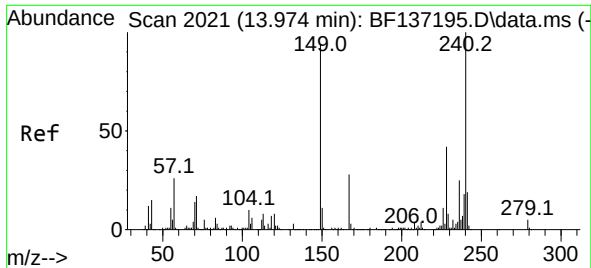
Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 8.9 8.8 13.2

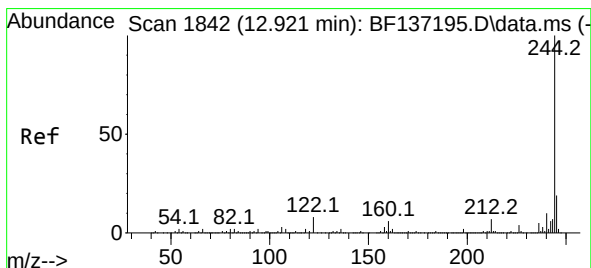
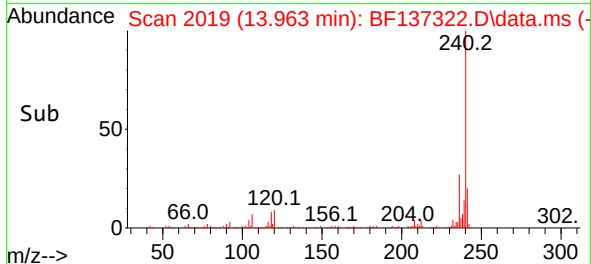
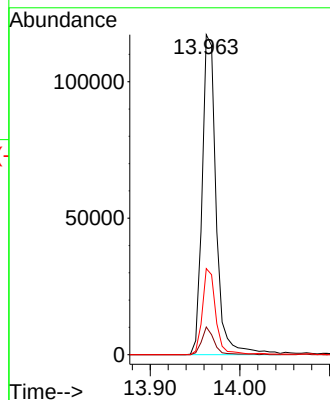
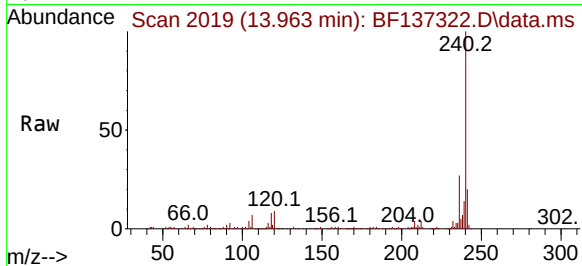




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

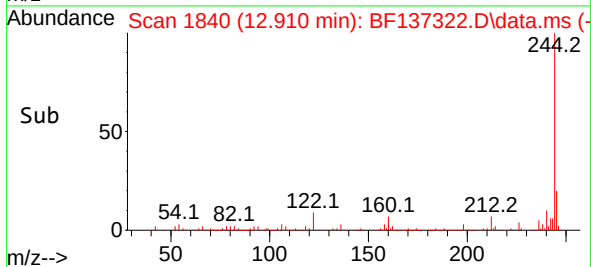
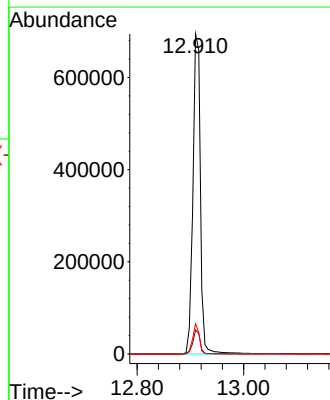
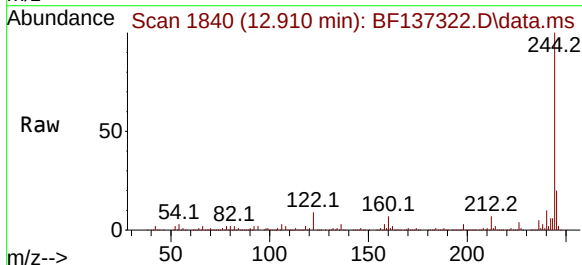
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VNJ-214

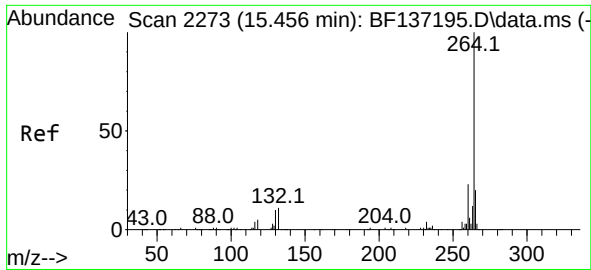
Tgt Ion:240 Resp: 127345
Ion Ratio Lower Upper
240 100
120 8.7 6.3 9.5
236 26.9 20.3 30.5



#79
Terphenyl-d14
Concen: 72.814 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137322.D
Acq: 07 Feb 2024 16:09

Tgt Ion:244 Resp: 682084
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 9.5 6.2 9.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137322.D

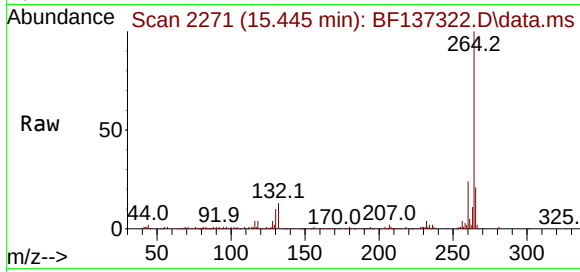
Acq: 07 Feb 2024 16:09

Instrument :

BNA_F

ClientSampleId :

VNJ-214



Tgt Ion:264 Resp: 112340

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.1 16.2 24.2

