

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139688.D
 Acq On : 07 Oct 2024 16:05
 Operator : RC/JU
 Sample : P4276-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208RE

Quant Time: Oct 07 16:43:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

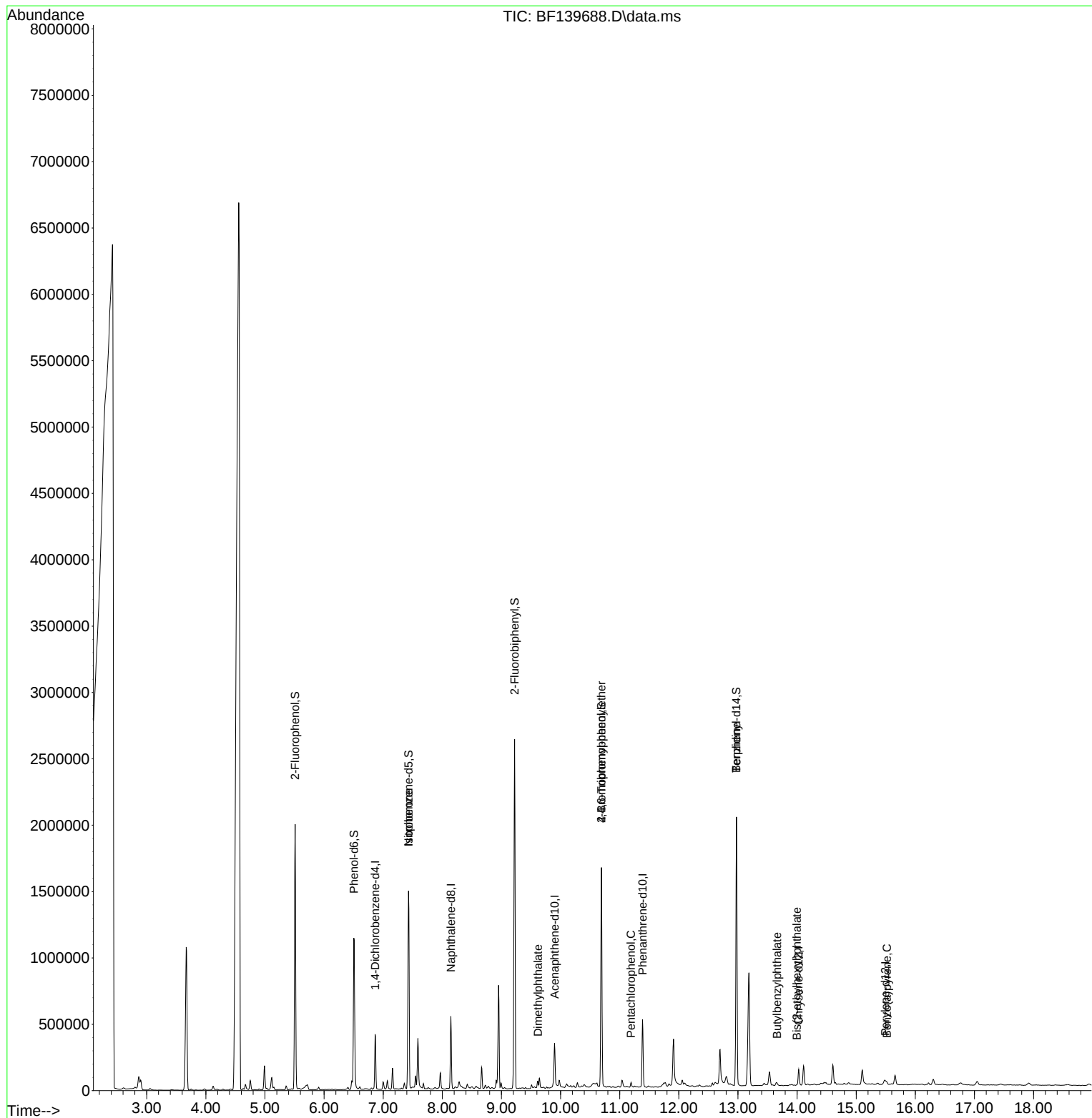
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85821	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304978	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	65875	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	200338	20.000	ng	0.00
76) Chrysene-d12	14.027	240	33483	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	2391	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	691487	139.653	ng	0.02
7) Phenol-d6	6.504	99	406573	61.059	ng	0.00
23) Nitrobenzene-d5	7.428	82	663284	110.114	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	266823	419.588	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1139639	265.587	ng	0.00
79) Terphenyl-d14	12.974	244	698886	342.488	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.428	82	660020	61.692	ng	# 67
50) Dimethylphthalate	9.616	163	27776	6.441	ng	98
67) 4-Bromophenyl-phenylether	10.692	248	18038	8.782	ng	# 1
70) Pentachlorophenol	11.192	266	5487	4.043	ng	95
77) Benzidine	12.974	184	11043	18.698	ng	# 73
80) Butylbenzylphthalate	13.663	149	4871	4.547	ng	# 42
84) Bis(2-ethylhexyl)phtha...	13.998	149	3068	2.294	ng	# 85
90) Benzo(a)pyrene	15.521	252	293	2.404	ng	# 1

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

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QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

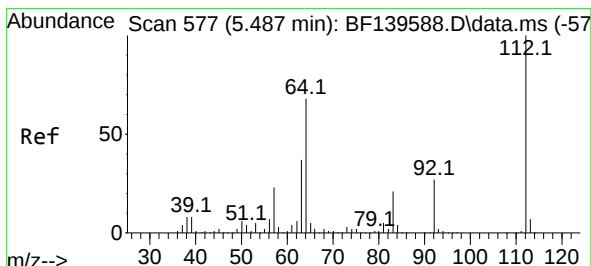
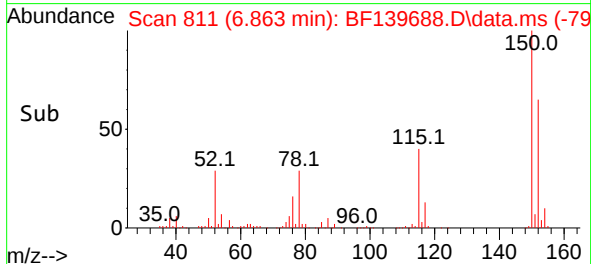
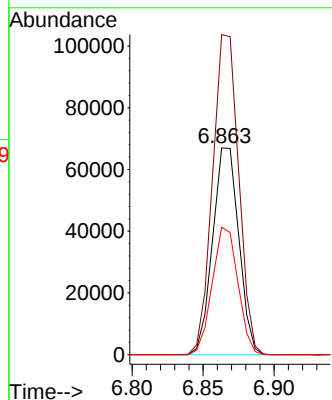
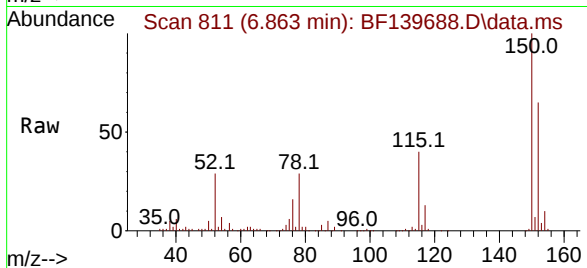




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

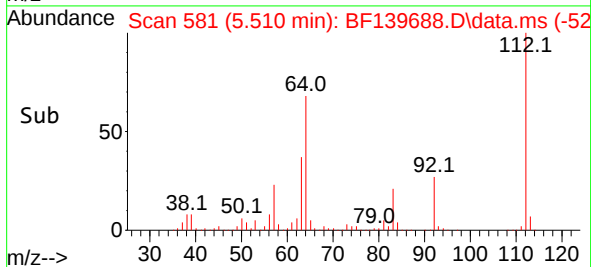
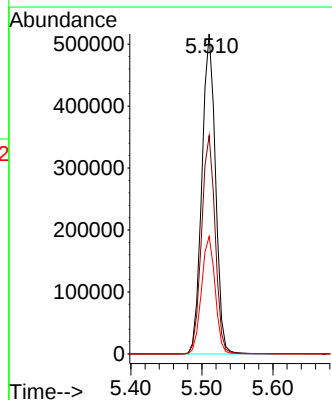
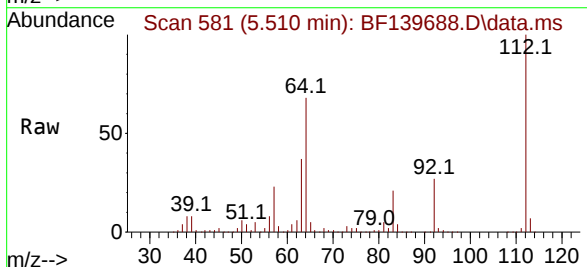
Instrument :
BNA_F
ClientSampleId :
VNJ-208RE

Tgt Ion:152 Resp: 85821
Ion Ratio Lower Upper
152 100
150 154.8 127.2 190.8
115 61.7 49.0 73.4



#5
2-Fluorophenol
Concen: 139.653 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

Tgt Ion:112 Resp: 691487
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 36.8 29.4 44.2

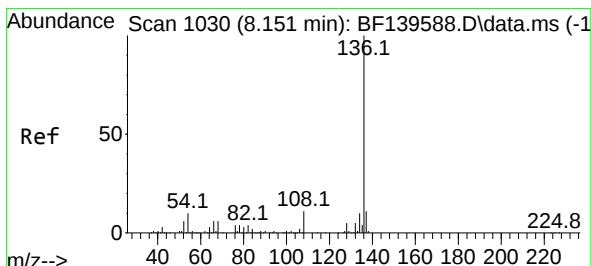
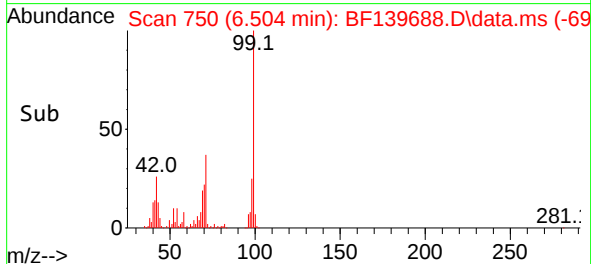
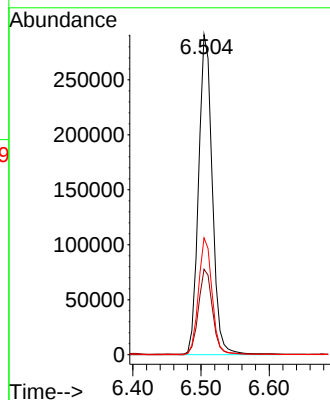
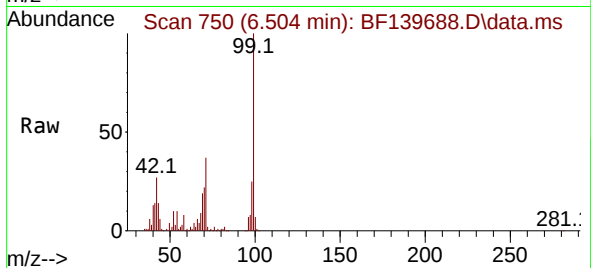




#7
Phenol-d6
Concen: 61.059 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

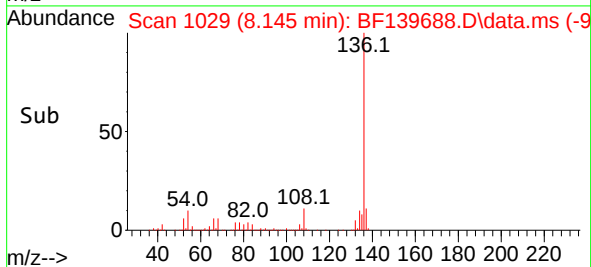
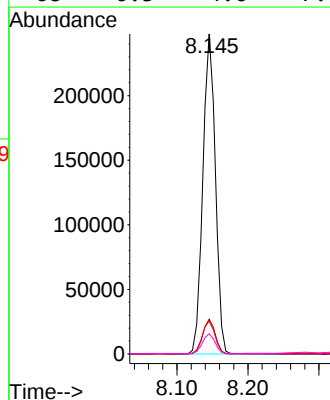
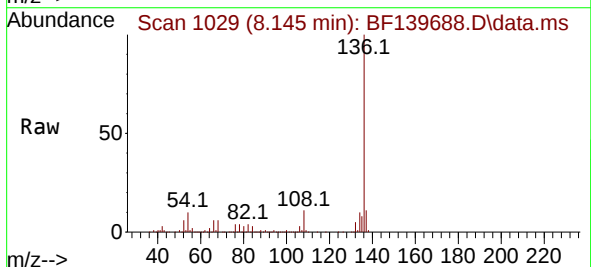
Instrument :
BNA_F
ClientSampleId :
VNJ-208RE

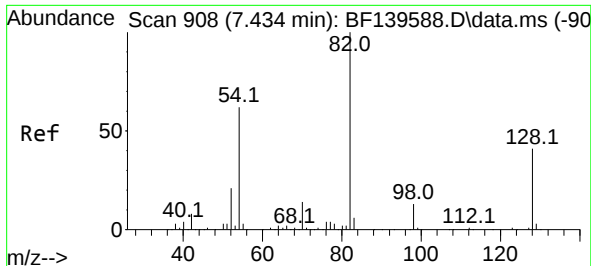
Tgt Ion: 99 Resp: 406573
Ion Ratio Lower Upper
99 100
42 26.7 19.1 28.7
71 36.5 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

Tgt Ion: 136 Resp: 304978
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 6.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 110.114 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

Instrument :

BNA_F

ClientSampleId :

VNJ-208RE

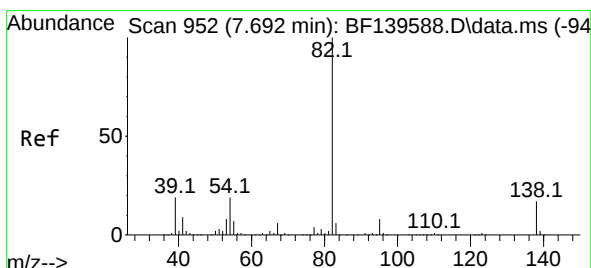
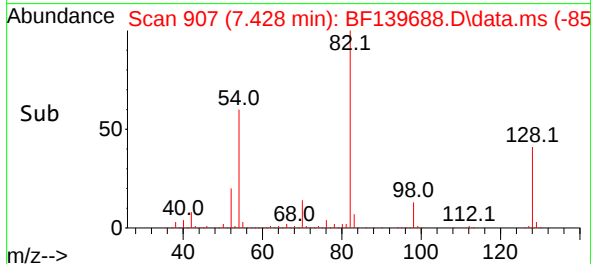
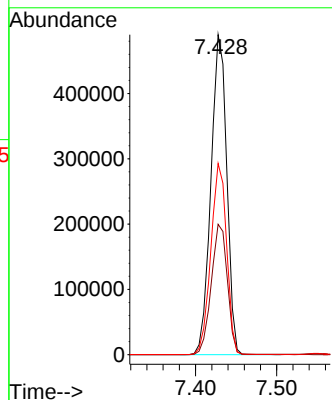
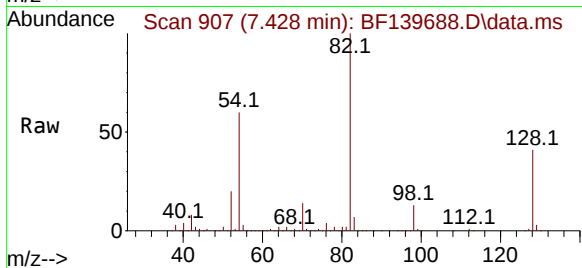
Tgt Ion: 82 Resp: 663284

Ion Ratio Lower Upper

82 100

128 40.8 32.4 48.6

54 59.8 49.1 73.7



#25

Isophorone

Concen: 61.692 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

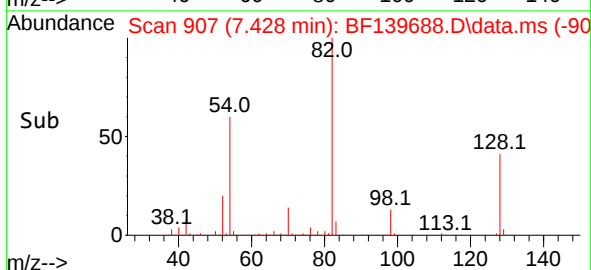
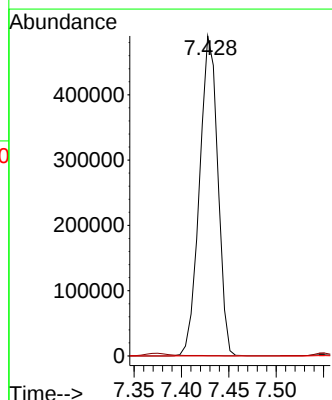
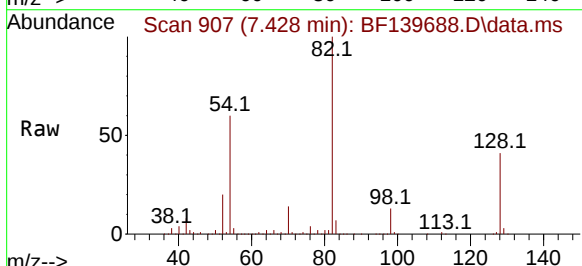
Tgt Ion: 82 Resp: 660020

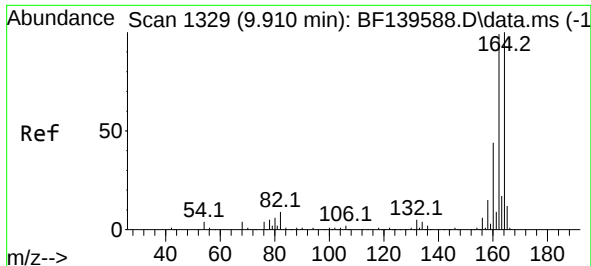
Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

138 0.0 13.4 20.2#

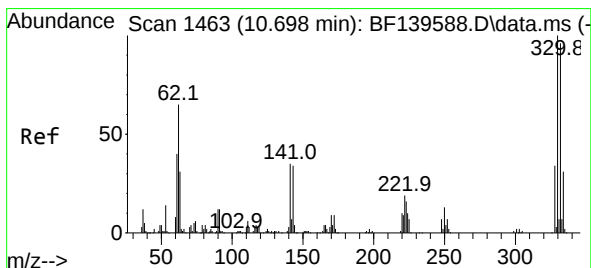
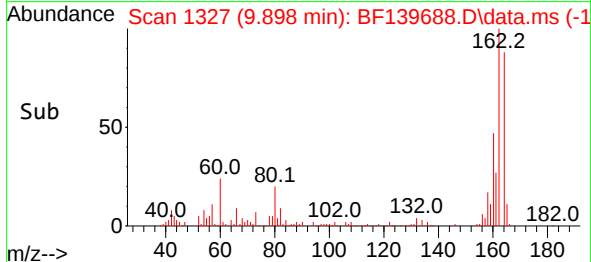
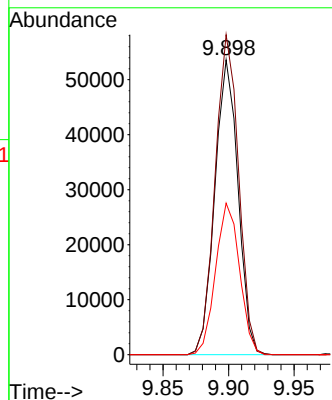
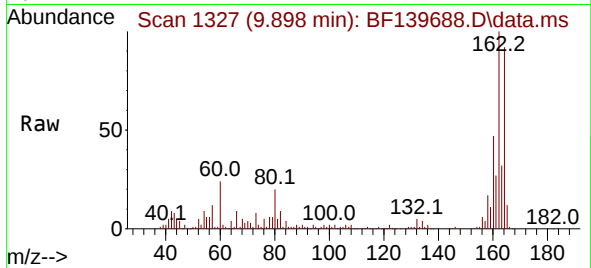




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

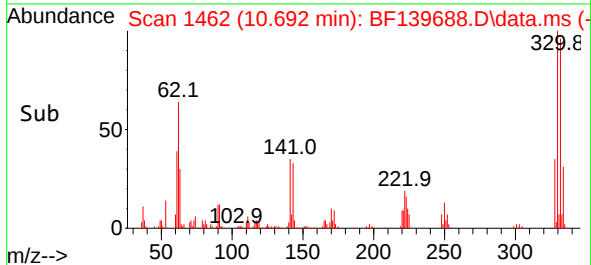
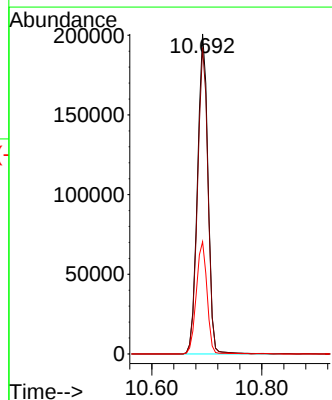
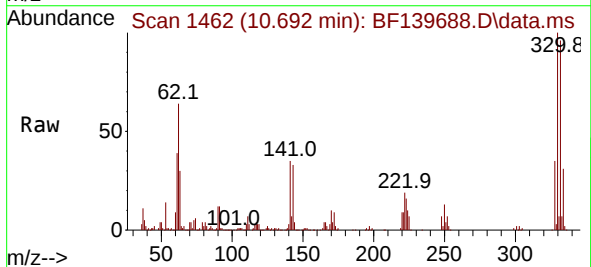
Instrument :
BNA_F
ClientSampleId :
VNJ-208RE

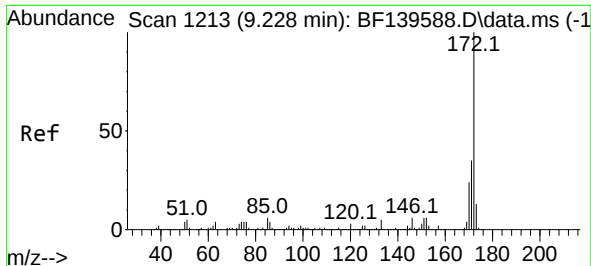
Tgt Ion:164 Resp: 65875
Ion Ratio Lower Upper
164 100
162 108.5 79.4 119.0
160 51.4 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 419.588 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

Tgt Ion:330 Resp: 266823
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 35.6 29.3 43.9

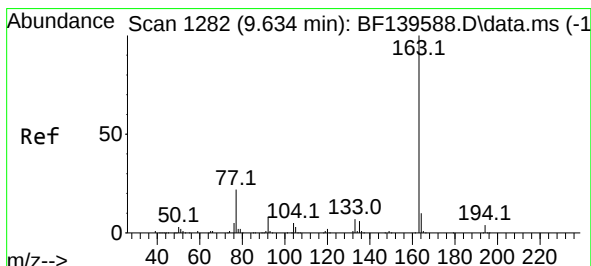
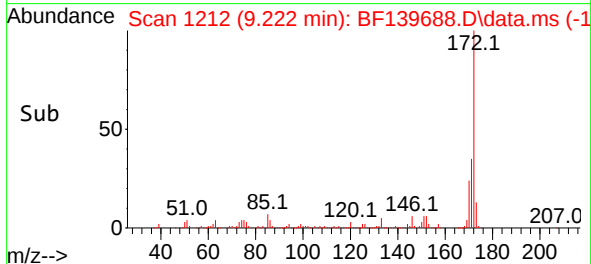
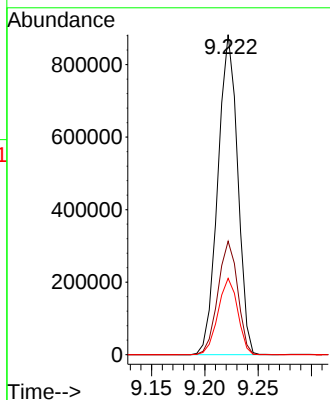
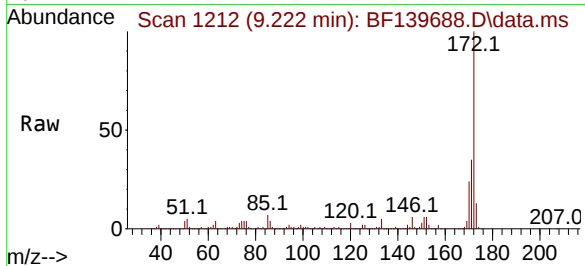




#45
2-Fluorobiphenyl
Concen: 265.587 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

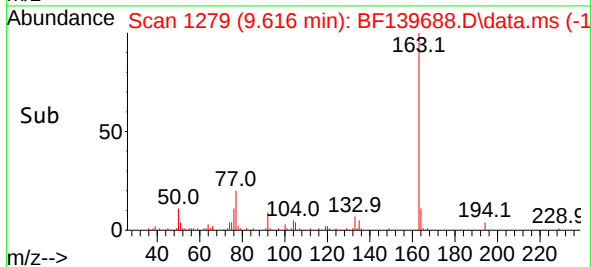
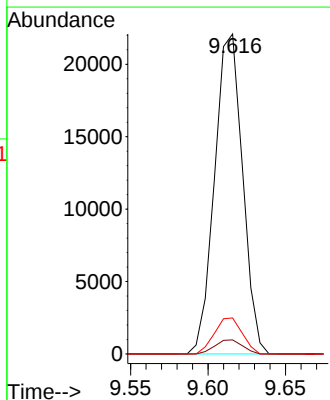
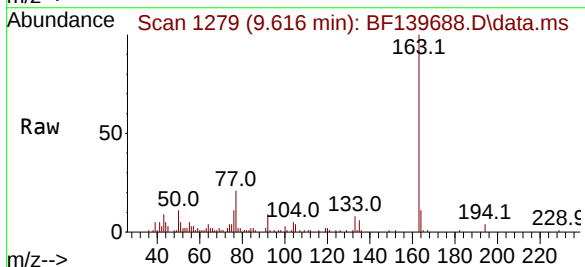
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ClientSampleId :
VNJ-208RE

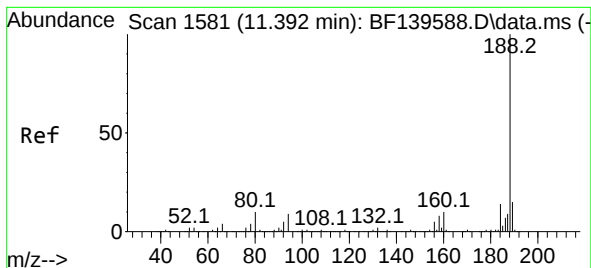
Tgt Ion:172 Resp: 1139639
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.8 18.8 28.2



#50
Dimethylphthalate
Concen: 6.441 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

Tgt Ion:163 Resp: 27776
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 11.3 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

Instrument :

BNA_F

ClientSampleId :

VNJ-208RE

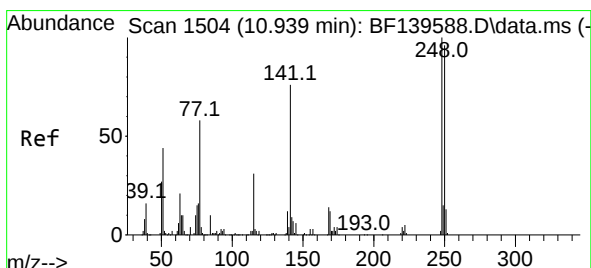
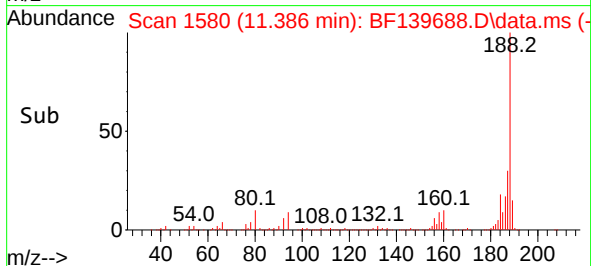
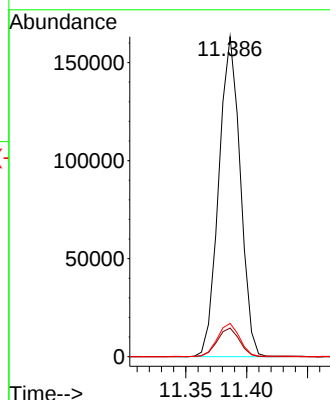
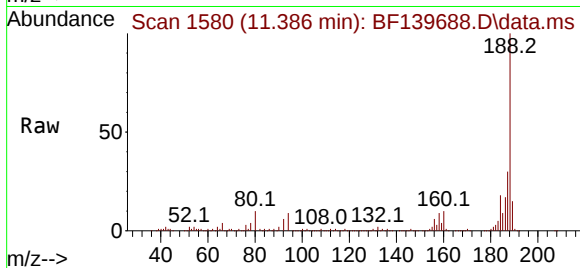
Tgt Ion:188 Resp: 200338

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.4 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 8.782 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

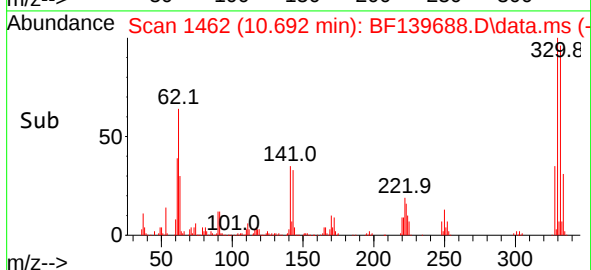
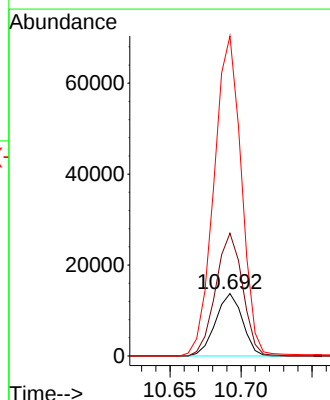
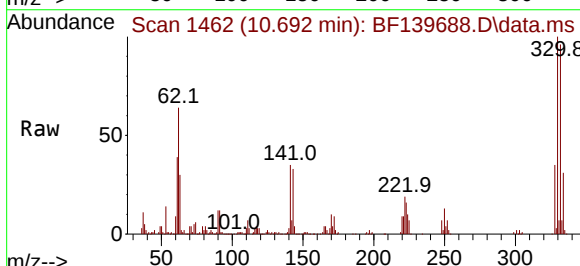
Tgt Ion:248 Resp: 18038

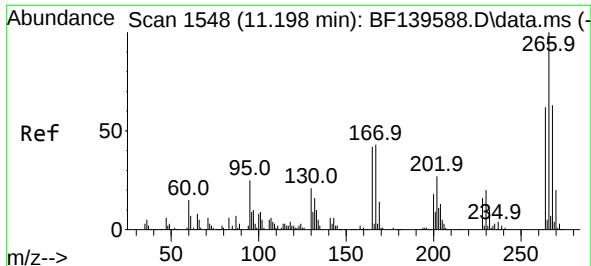
Ion Ratio Lower Upper

248 100

250 196.7 77.1 115.7#

141 512.5 60.4 90.6#

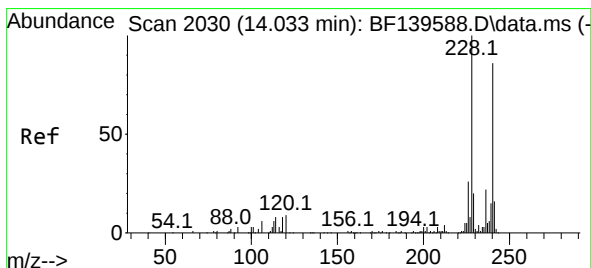
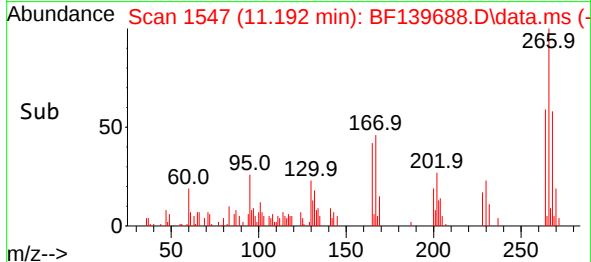
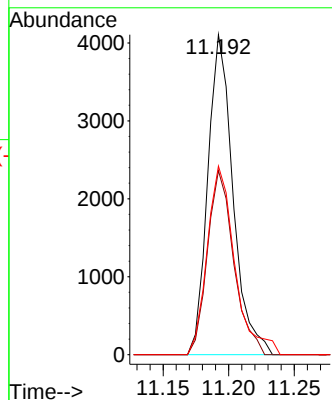
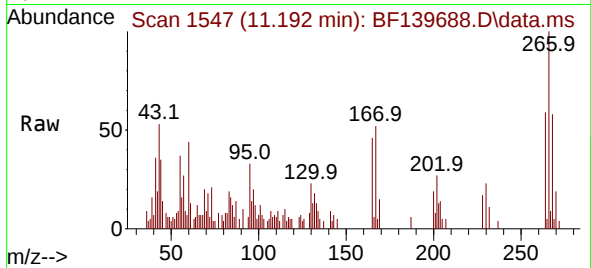




#70
Pentachlorophenol
Concen: 4.043 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

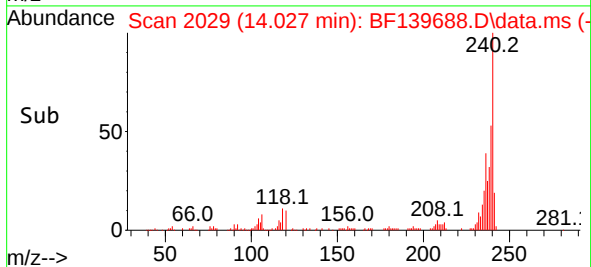
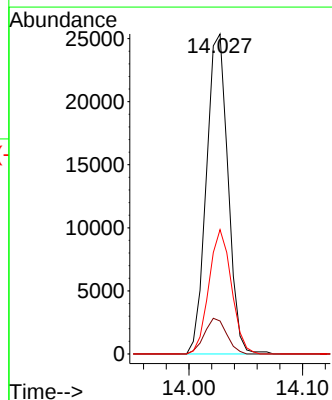
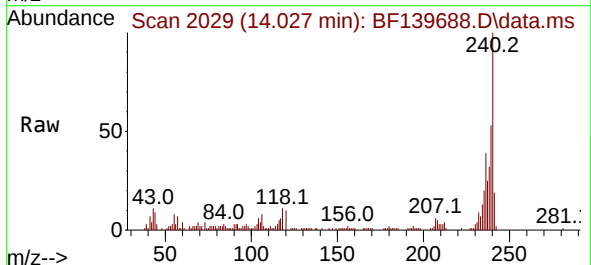
Instrument :
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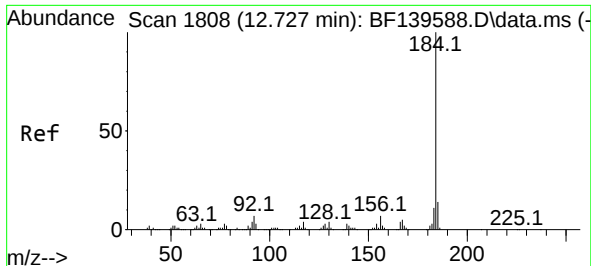
Tgt Ion:266 Resp: 5487
Ion Ratio Lower Upper
266 100
268 57.5 50.0 75.0
264 58.9 49.3 73.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

Tgt Ion:240 Resp: 33483
Ion Ratio Lower Upper
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120 10.3 8.4 12.6
236 38.9 20.3 30.5#

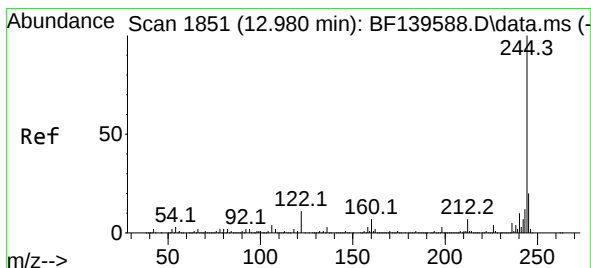
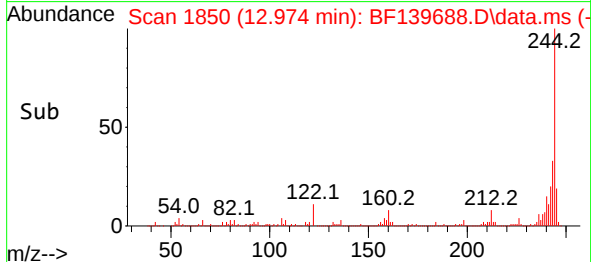
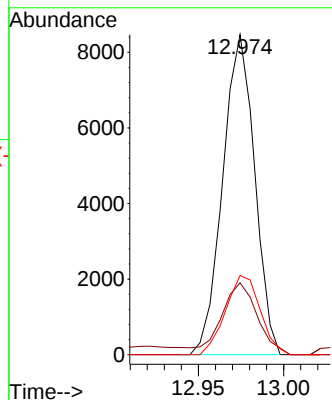
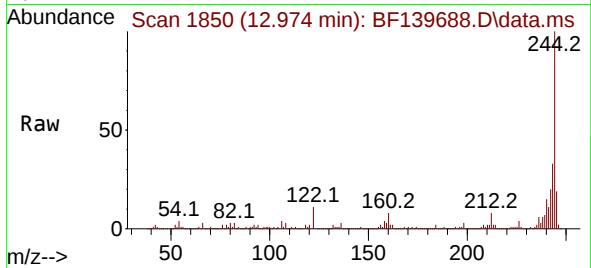




#77
Benzidine
Concen: 18.698 ng
RT: 12.974 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

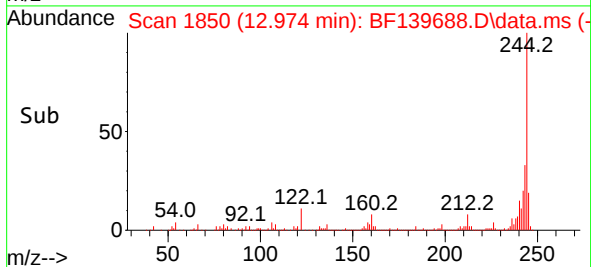
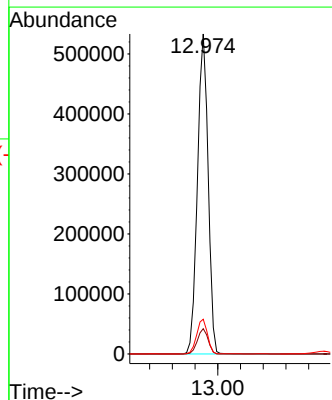
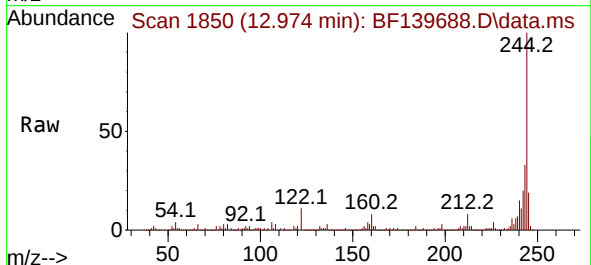
Instrument :
BNA_F
ClientSampleId :
VNJ-208RE

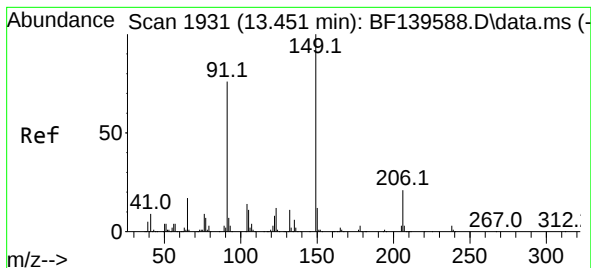
Tgt Ion:184 Resp: 11043
Ion Ratio Lower Upper
184 100
185 22.4 11.4 17.0#
183 24.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 342.488 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

Tgt Ion:244 Resp: 698886
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 10.8 8.6 12.8





#80

Butylbenzylphthalate

Concen: 4.547 ng

RT: 13.663 min Scan# 1931

Delta R.T. 0.212 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

Instrument :

BNA_F

ClientSampleId :

VNJ-208RE

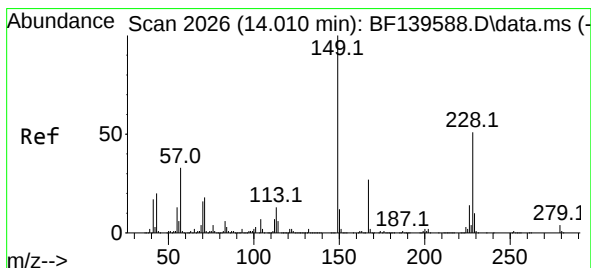
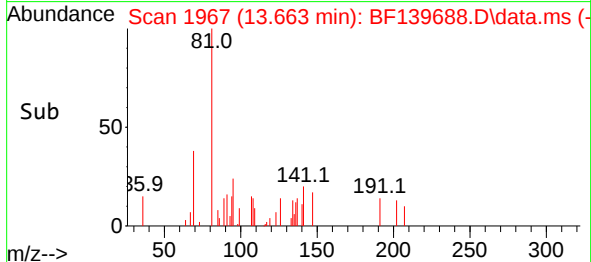
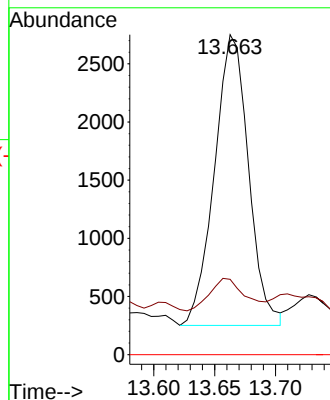
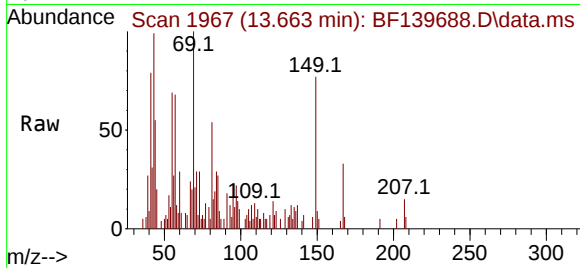
Tgt Ion:149 Resp: 4871

Ion Ratio Lower Upper

149 100

91 23.5 61.0 91.4#

206 0.0 16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.294 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

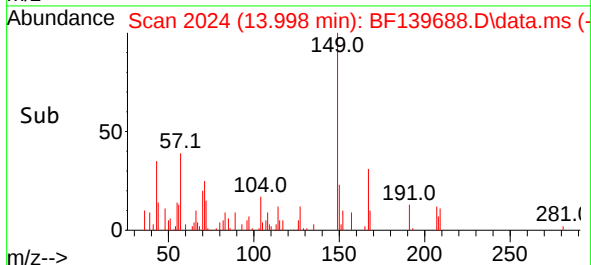
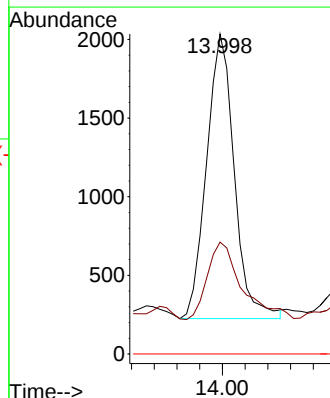
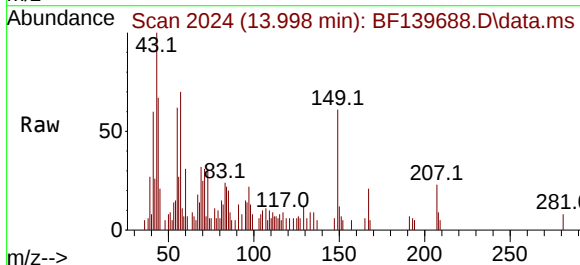
Tgt Ion:149 Resp: 3068

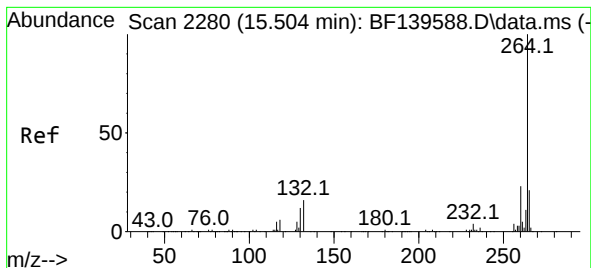
Ion Ratio Lower Upper

149 100

167 34.9 21.7 32.5#

279 0.0 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

Instrument :

BNA_F

ClientSampleId :

VNJ-208RE

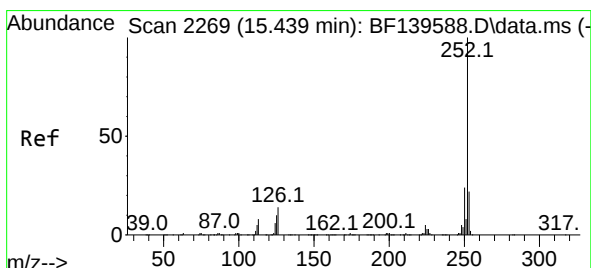
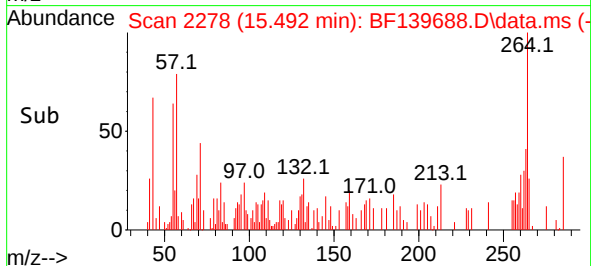
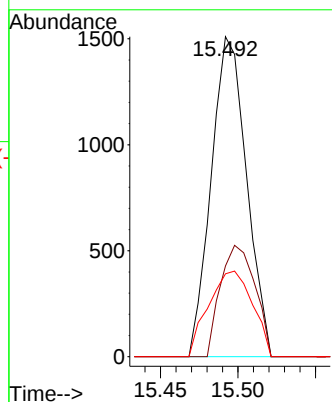
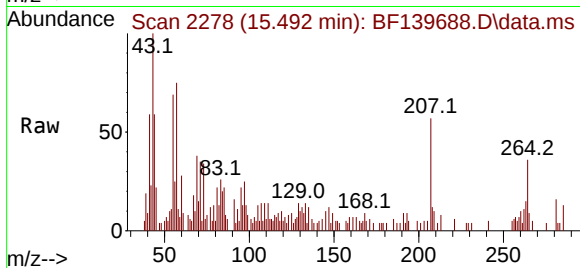
Tgt Ion:264 Resp: 2391

Ion Ratio Lower Upper

264 100

260 28.3 18.7 28.1#

265 25.9 16.9 25.3#



#90

Benzo(a)pyrene

Concen: 2.404 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.082 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

Tgt Ion:252 Resp: 293

Ion Ratio Lower Upper

252 100

253 162.6 17.3 25.9#

125 137.0 8.3 12.5#

