

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)

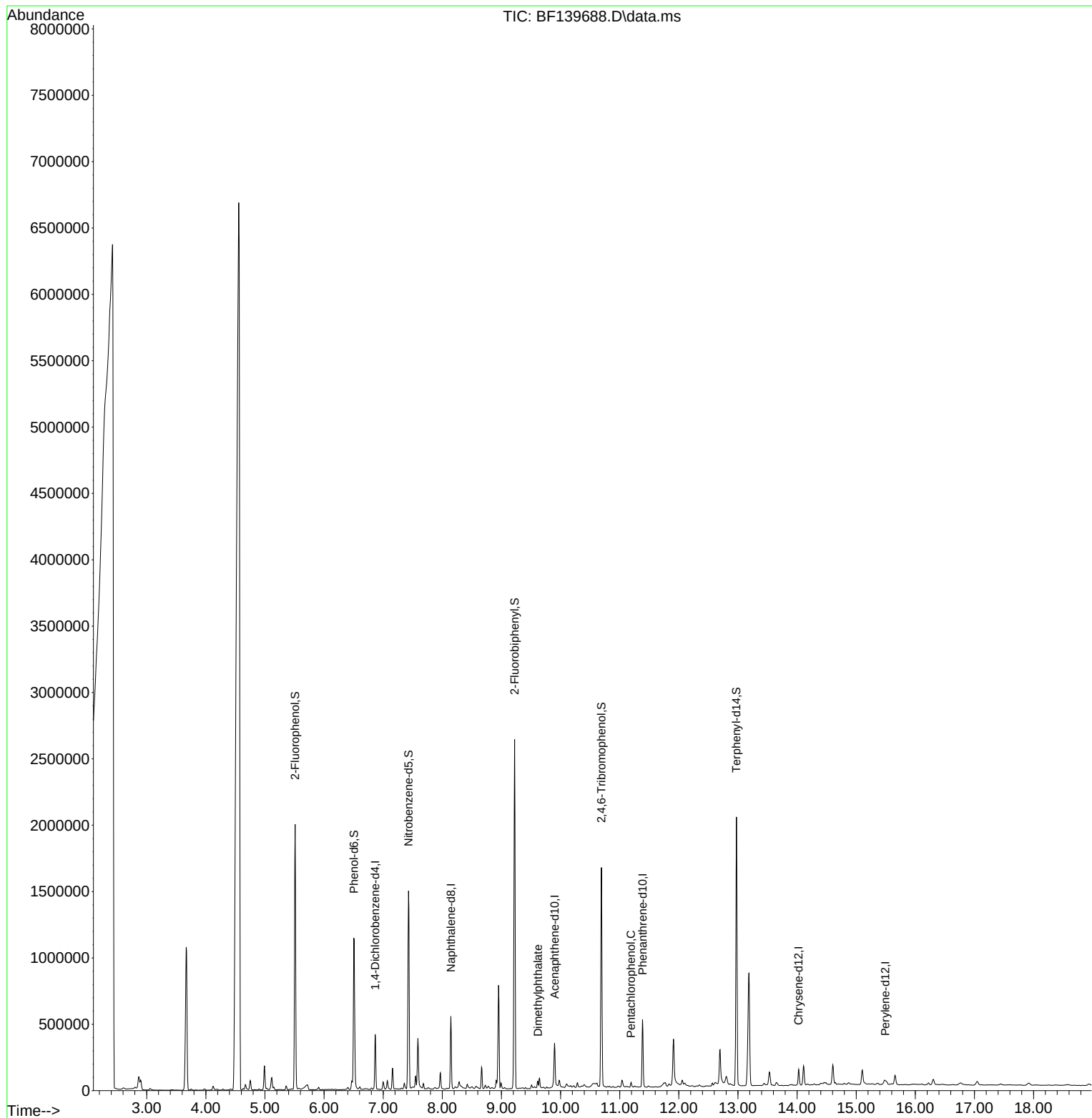
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85821	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304978	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	65875	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	200338	20.000	ng	0.00
76) Chrysene-d12	14.027	240	33483	20.000	ng	# 0.00
86) Perylene-d12	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
50) Dimethylphthalate	9.616	163	27776	6.441	ng	98
70) Pentachlorophenol	11.192	266	5487	4.043	ng	95

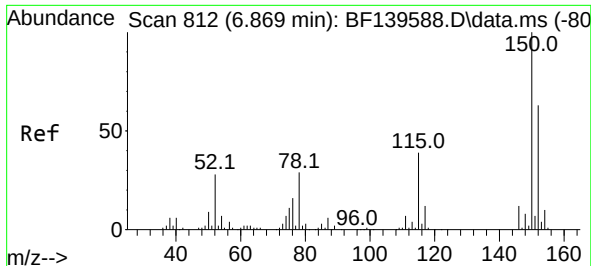
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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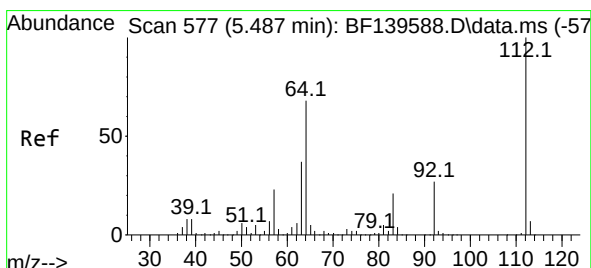
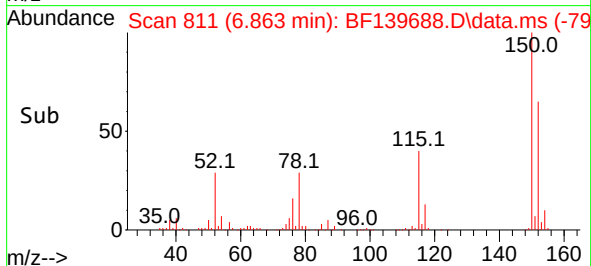
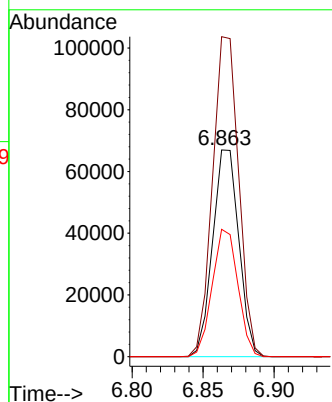
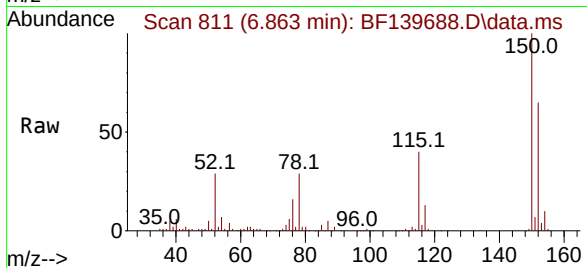




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

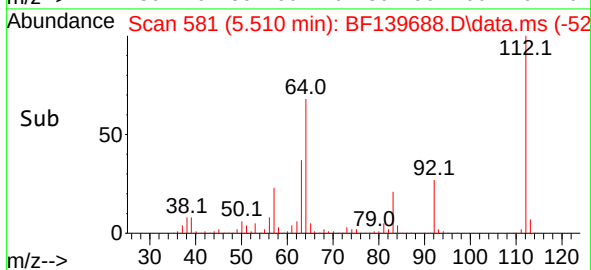
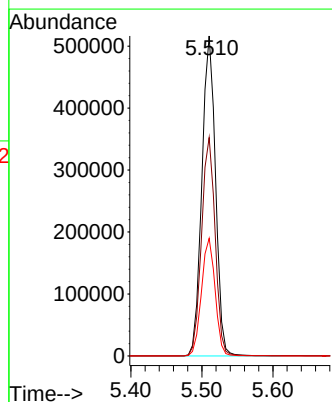
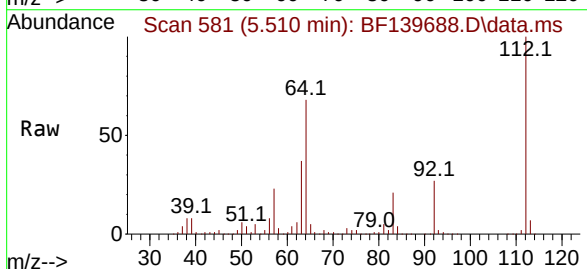
Instrument :
BNA_F
ClientSampleId :
VNJ-208RE

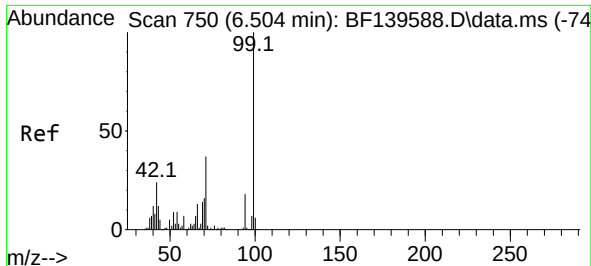
Tgt Ion:152 Resp: 85821
Ion Ratio Lower Upper
152 100
150 154.8 127.2 190.8
115 61.7 49.0 73.4



#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

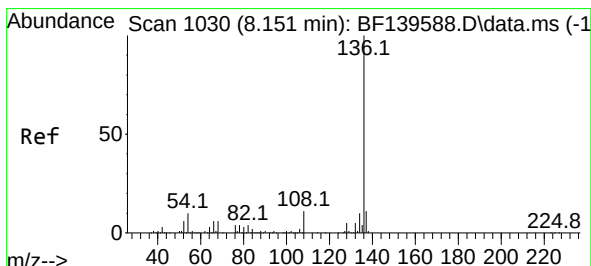
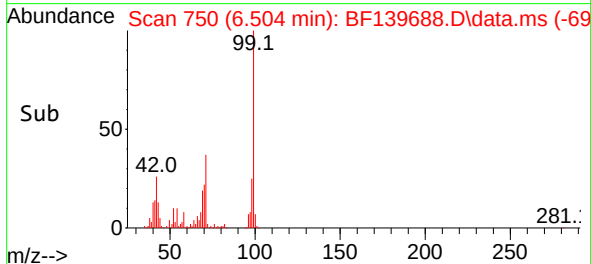
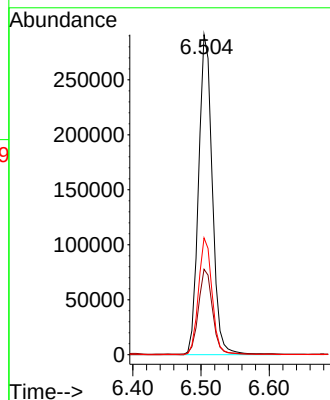
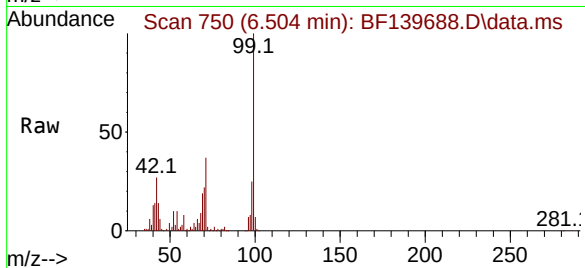
Tgt Ion: 99 Resp: 406573

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

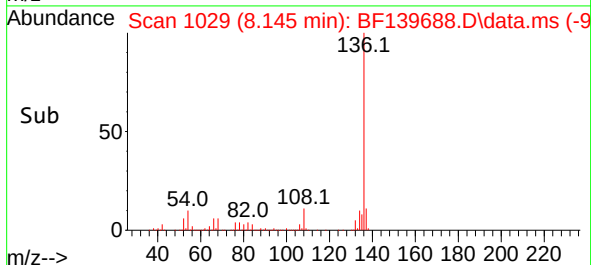
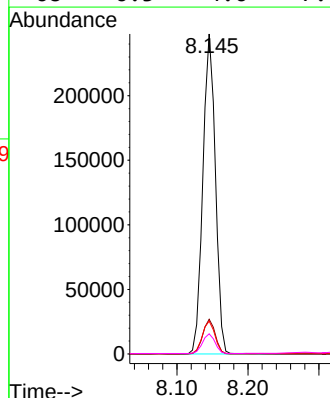
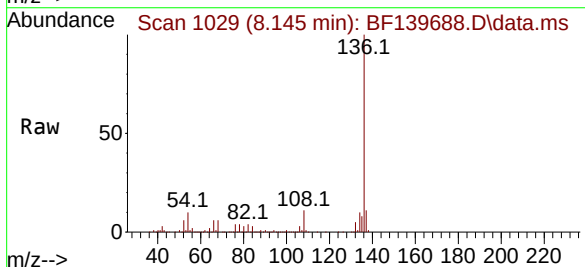
Ion Ratio Lower Upper

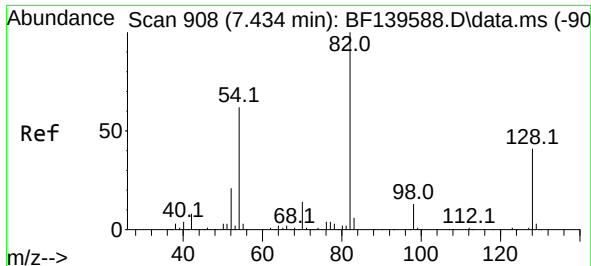
136 100

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# 908

Delta R.T. -0.006 min

Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

Instrument :

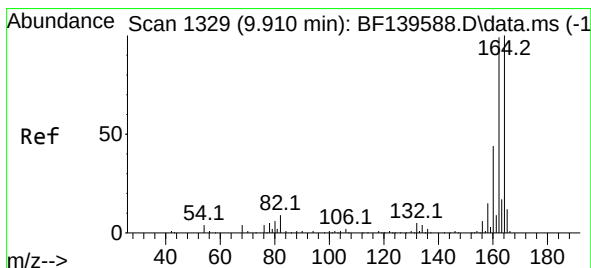
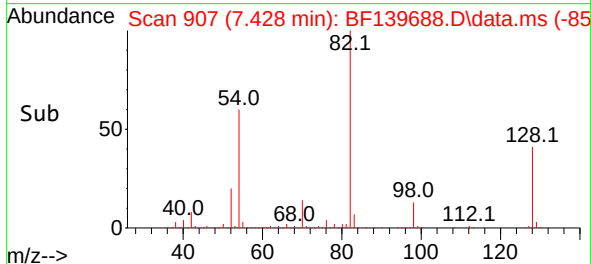
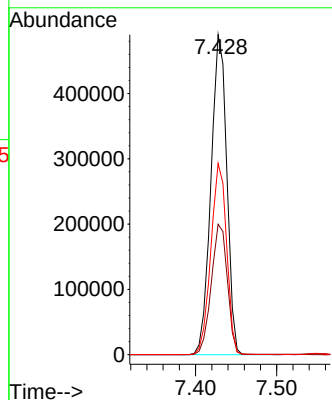
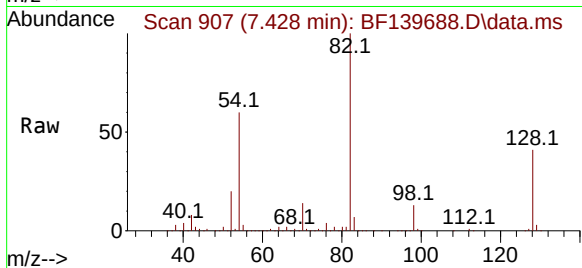
BNA_F

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

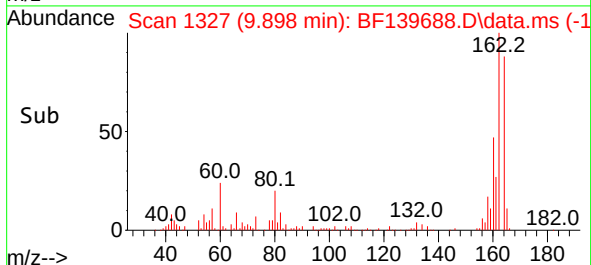
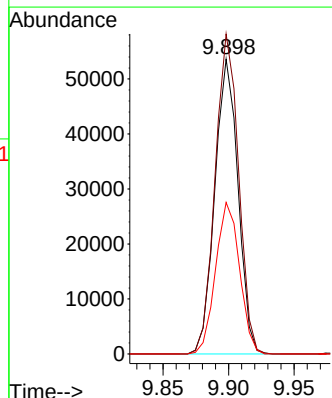
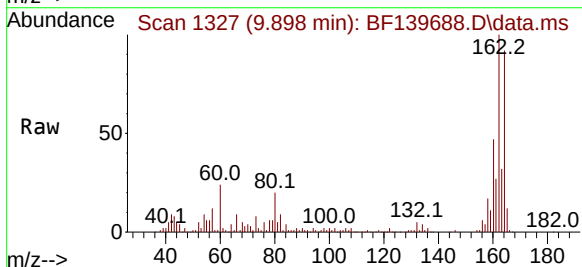
Delta R.T. -0.012 min

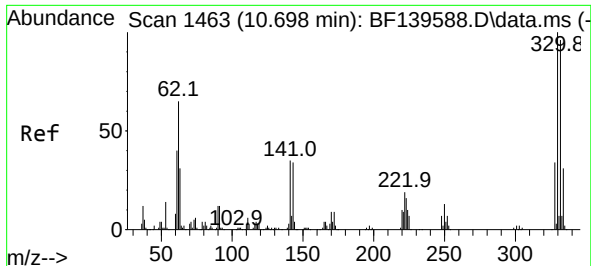
Lab File: BF139688.D

Acq: 07 Oct 2024 16:05

Tgt Ion:164 Resp: 65875

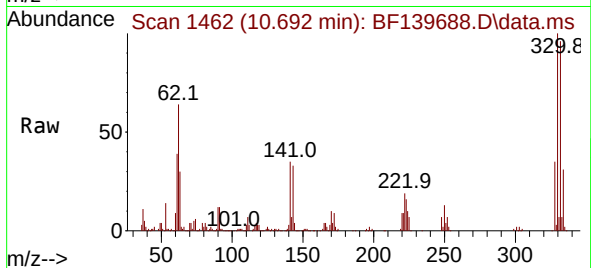
Ion	Ratio	Lower	Upper
164	100		
162	108.5	79.4	119.0
160	51.4	35.1	52.7



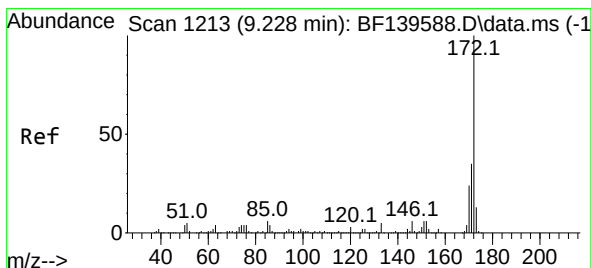
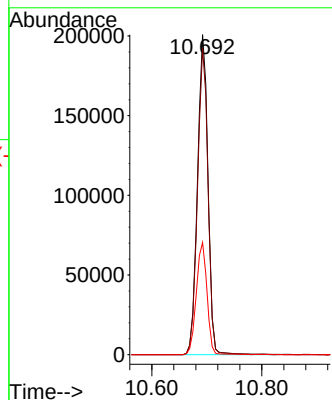
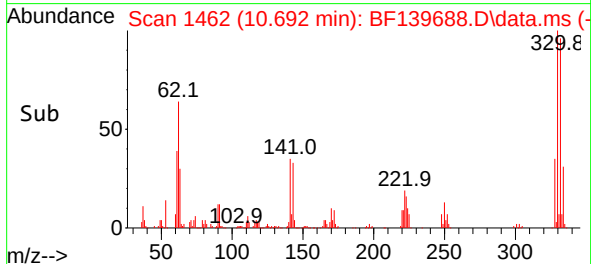


#42
2,4,6-Tribromophenol
Concen: 419.588 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

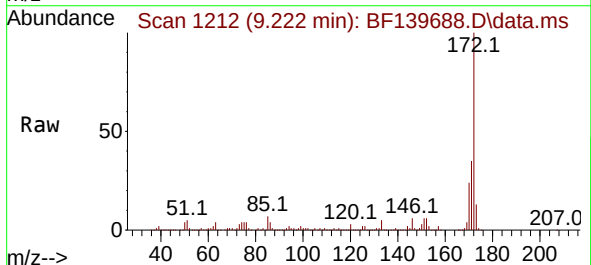
Instrument :
BNA_F
ClientSampleId :
VNJ-208RE



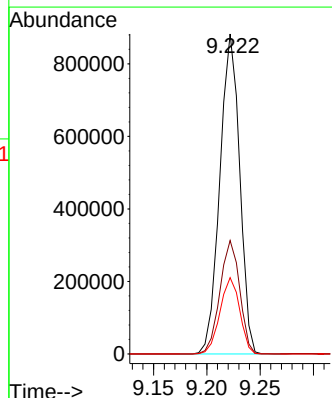
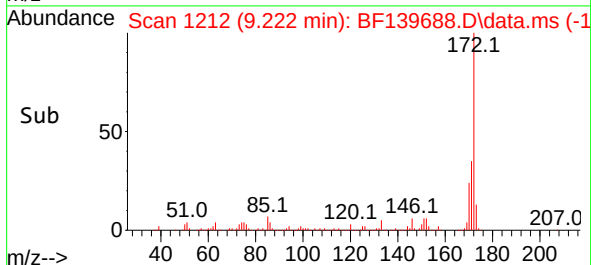
Tgt Ion: 330 Resp: 266823
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 35.6 29.3 43.9

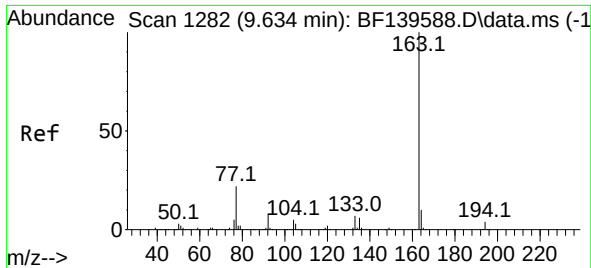


#45
2-Fluorobiphenyl
Concen: 265.587 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05



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

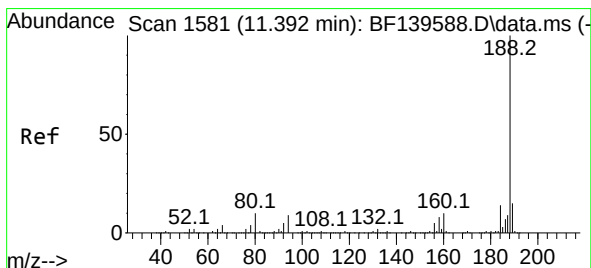
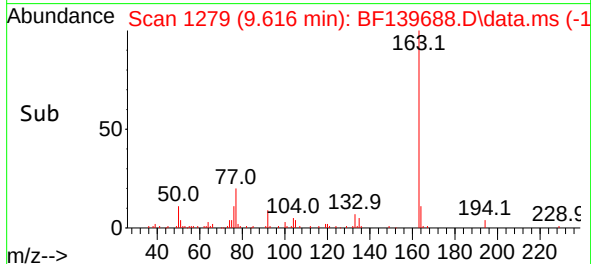
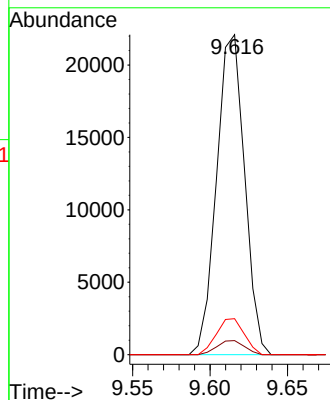
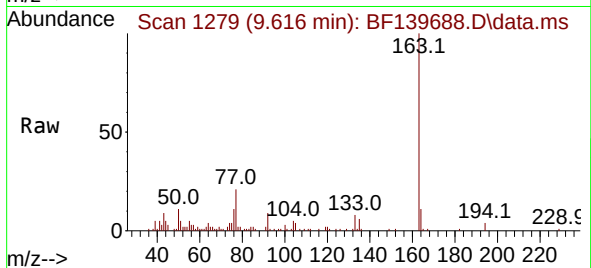




#50
Dimethylphthalate
Concen: 6.441 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

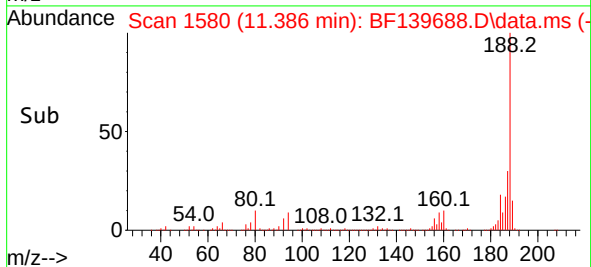
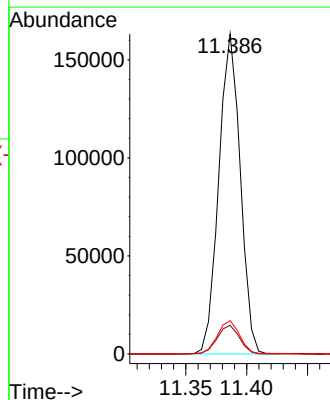
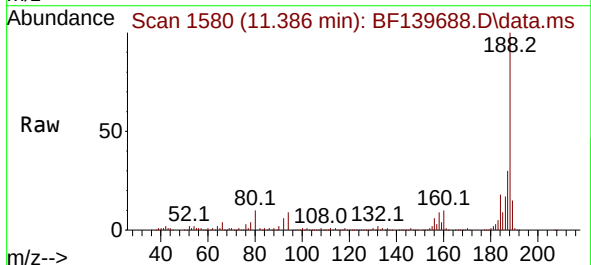
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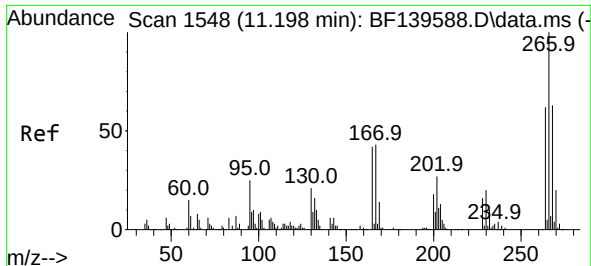
Tgt Ion:163 Resp: 27776
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 11.3 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139688.D
Acq: 07 Oct 2024 16:05

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

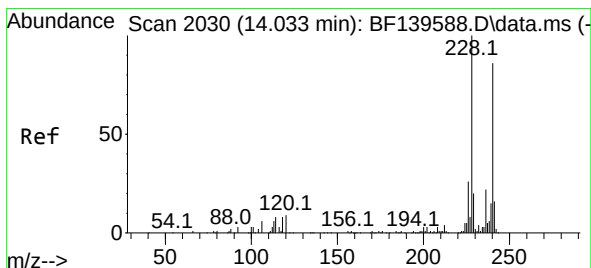
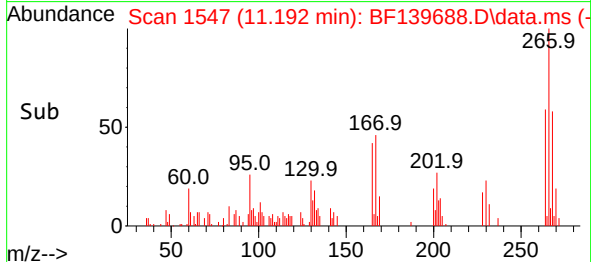
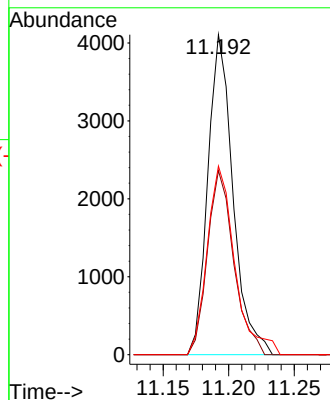
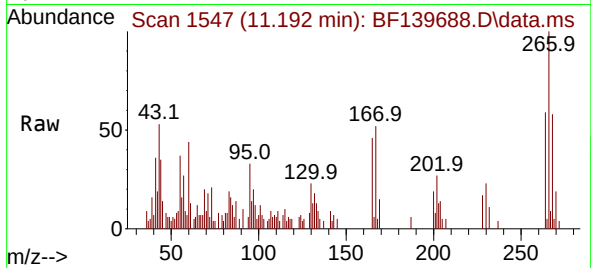




#70
 Pentachlorophenol
 Concen: 4.043 ng
 RT: 11.192 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139688.D
 Acq: 07 Oct 2024 16:05

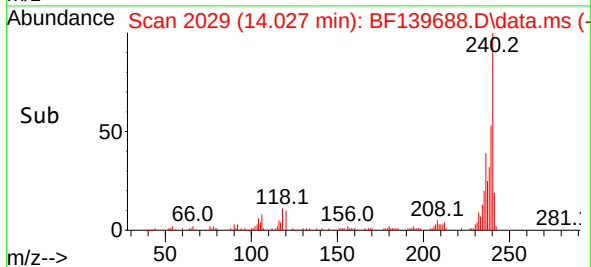
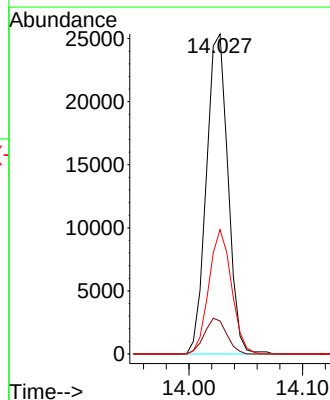
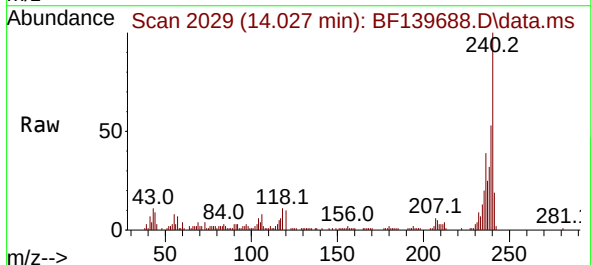
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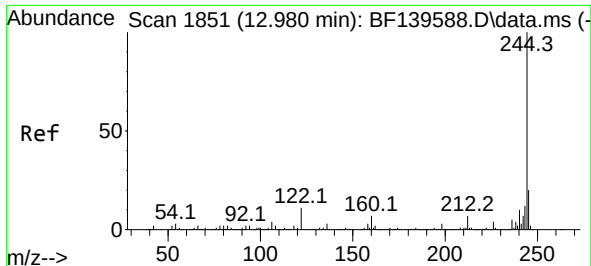
Tgt Ion:266 Resp: 5487
 Ion Ratio Lower Upper
 266 100
 268 57.5 50.0 75.0
 264 58.9 49.3 73.9



#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

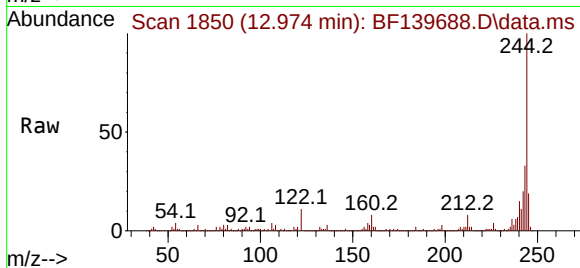
Tgt Ion:240 Resp: 33483
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 38.9 20.3 30.5#



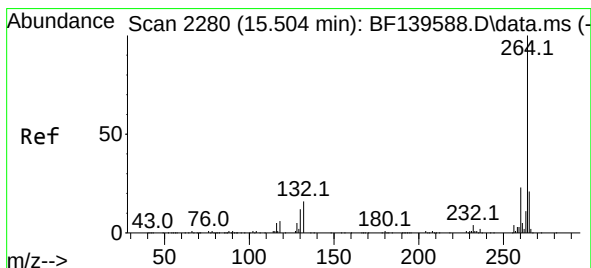
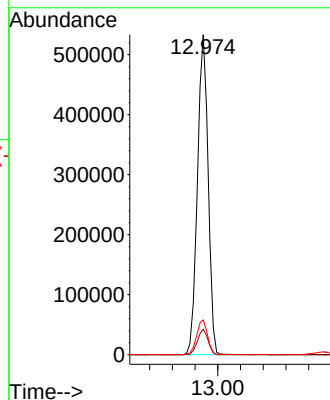
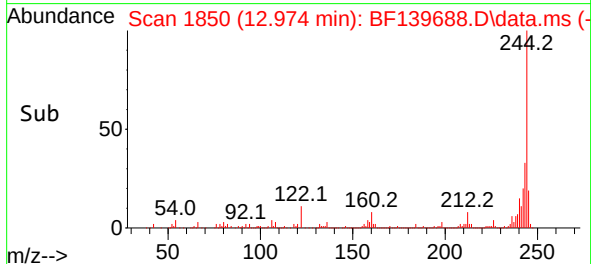


#79
 Terphenyl-d14
 Concen: 342.488 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139688.D
 Acq: 07 Oct 2024 16:05

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-208RE



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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139688.D
 Acq: 07 Oct 2024 16:05

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#

