

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142088.D
 Acq On : 25 Mar 2025 20:07
 Operator : RC/JU
 Sample : Q1630-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206

Quant Time: Mar 25 21:51:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

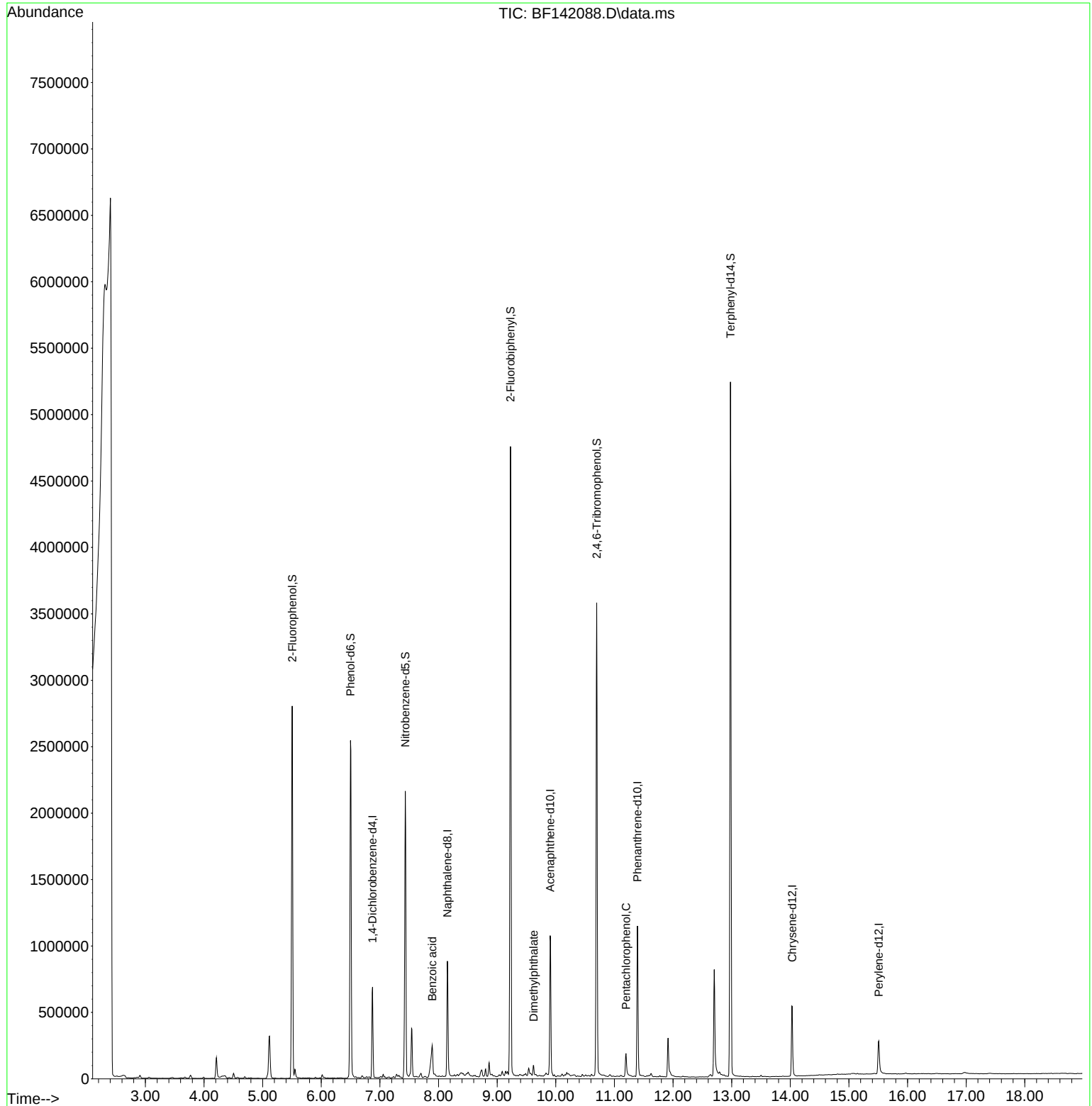
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148326	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	574733	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	331118	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	582764	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	293555	20.000	ng	0.00
86) Perylene-d12	15.510	264	191120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1125238	126.611	ng	0.01
7) Phenol-d6	6.498	99	1371979	121.247	ng	0.00
23) Nitrobenzene-d5	7.434	82	1044712	102.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	716223	170.502	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2163690	99.377	ng	-0.01
79) Terphenyl-d14	12.980	244	2640801	133.001	ng	0.00
Target Compounds						
32) Benzoic acid	7.892	122	128562	21.316	ng	Qvalue 98
50) Dimethylphthalate	9.622	163	48331	2.084	ng	99
70) Pentachlorophenol	11.198	266	36626	7.406	ng	100

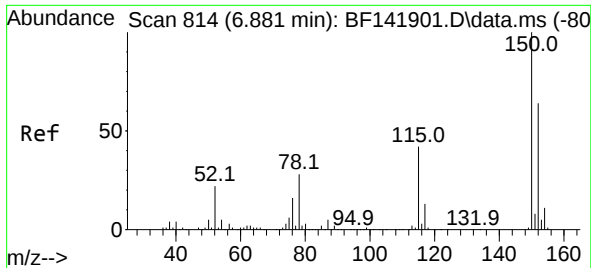
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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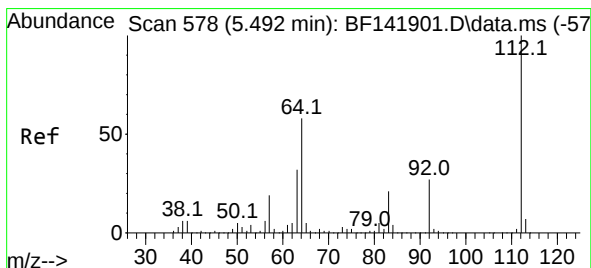
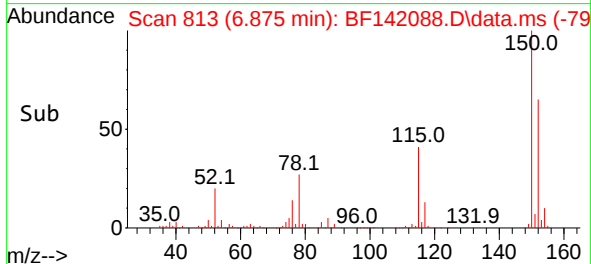
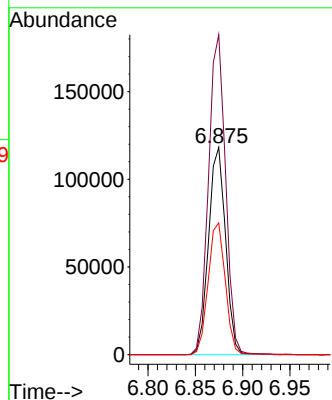
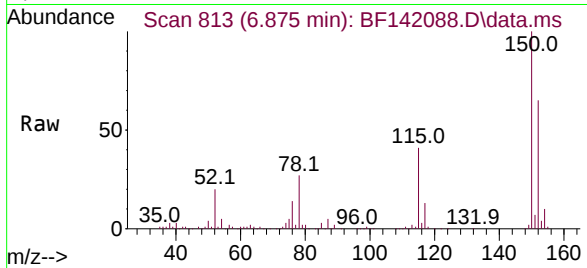




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

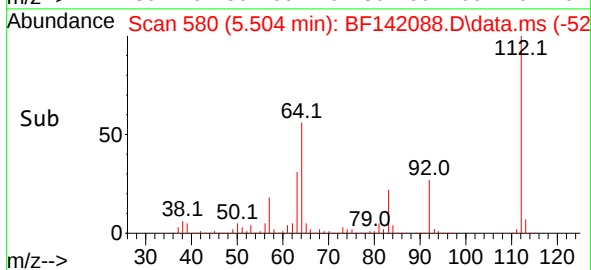
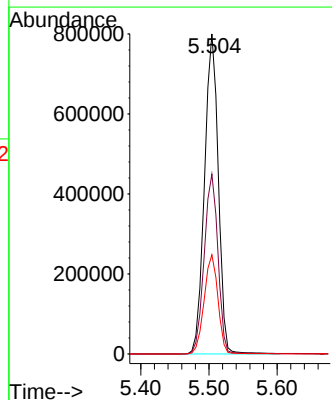
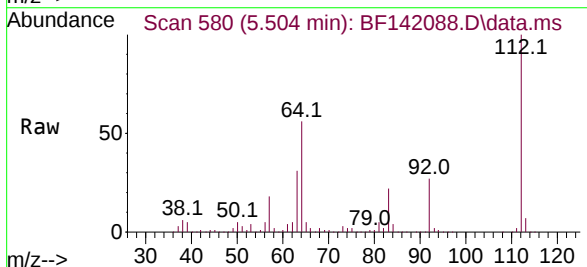
Instrument :
BNA_F
ClientSampleId :
VNJ-206

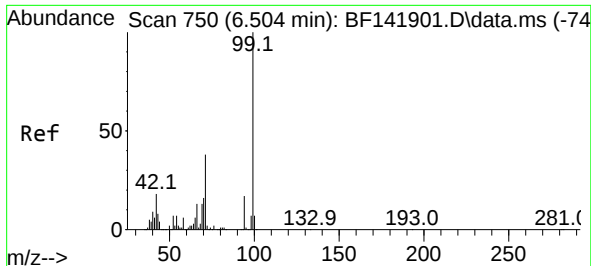
Tgt Ion:152 Resp: 148326
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 126.611 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:112 Resp: 1125238
Ion Ratio Lower Upper
112 100
64 56.2 46.5 69.7
63 31.0 25.4 38.2

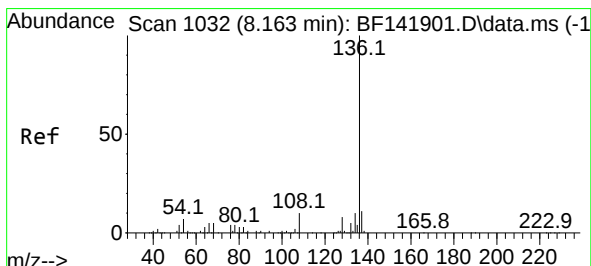
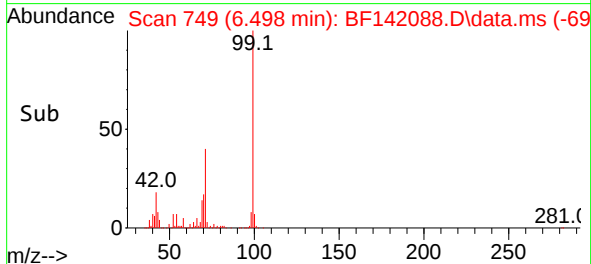
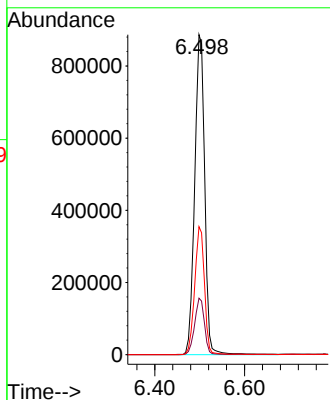
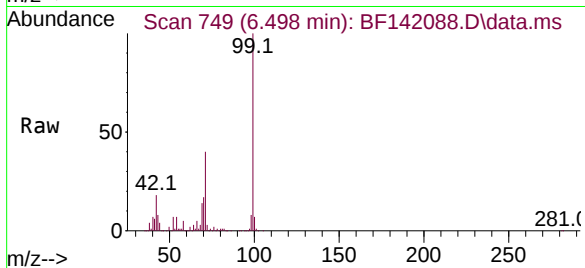




#7
Phenol-d6
Concen: 121.247 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

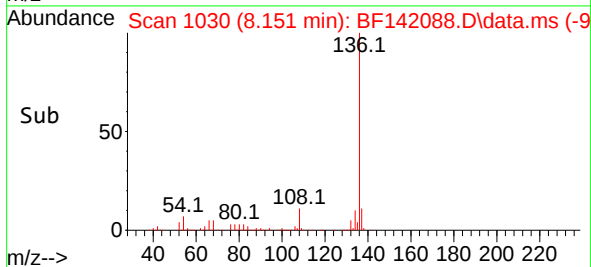
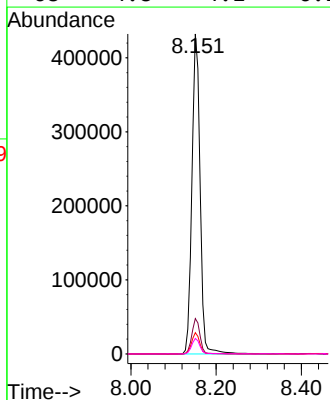
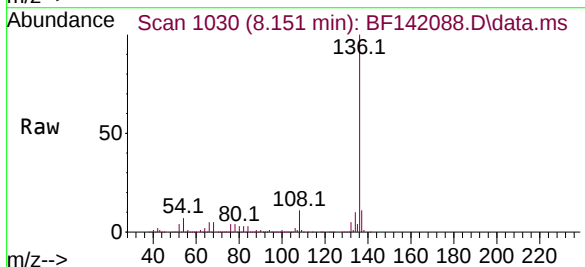
Instrument :
BNA_F
ClientSampleId :
VNJ-206

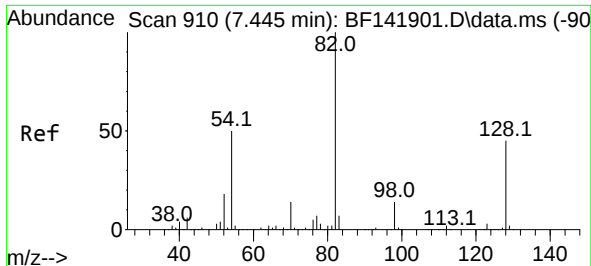
Tgt Ion: 99 Resp: 1371979
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 40.0 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:136 Resp: 574733
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 102.295 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

Instrument :

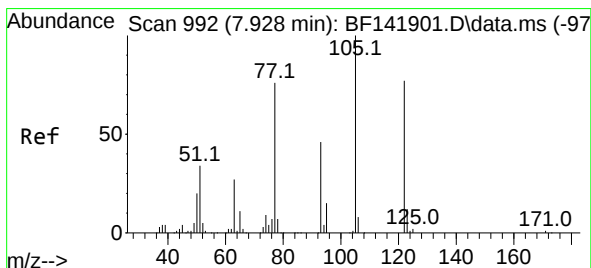
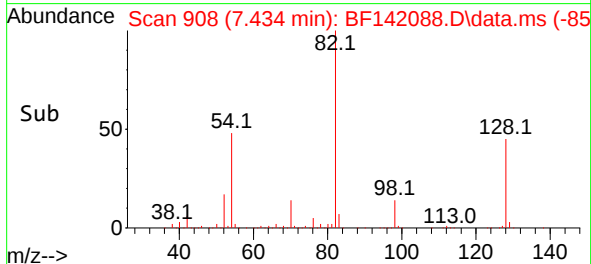
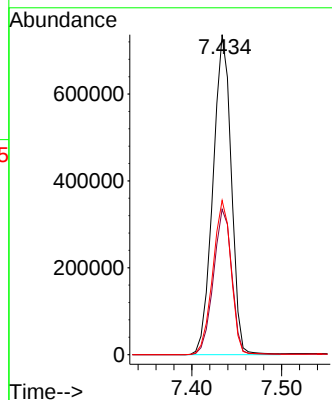
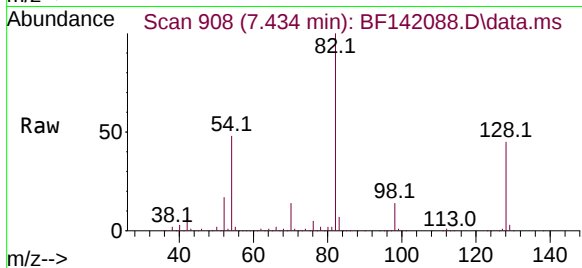
BNA_F

ClientSampleId :

VNJ-206

Tgt Ion: 82 Resp: 1044712

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.0	54.0
54	48.2	39.6	59.4



#32

Benzoic acid

Concen: 21.316 ng

RT: 7.892 min Scan# 986

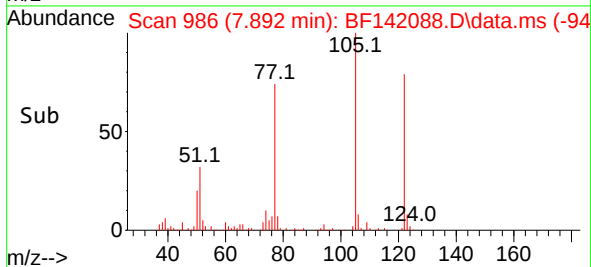
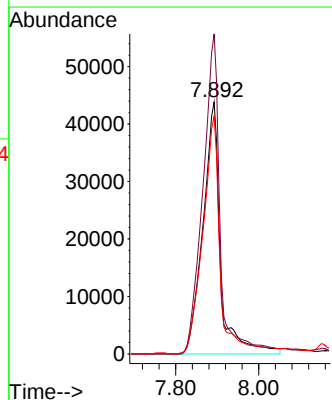
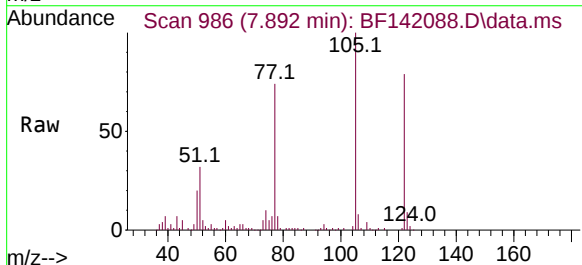
Delta R.T. -0.036 min

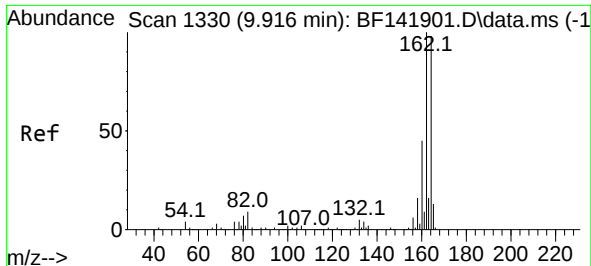
Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

Tgt Ion:122 Resp: 128562

Ion	Ratio	Lower	Upper
122	100		
105	127.1	107.9	147.9
77	94.3	79.0	119.0

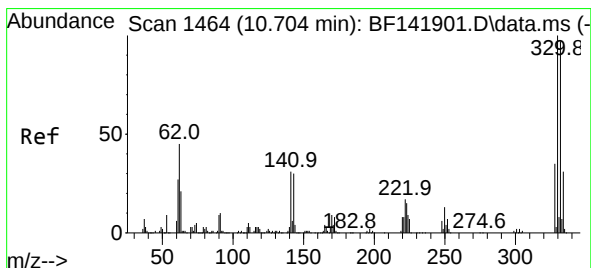
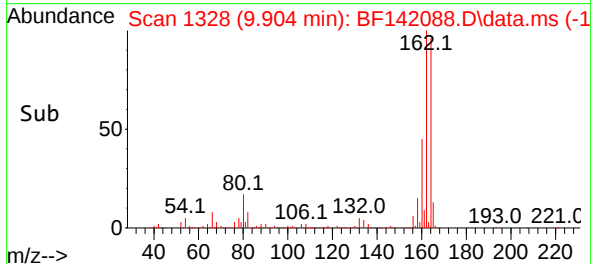
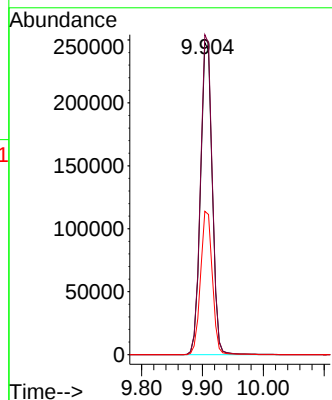
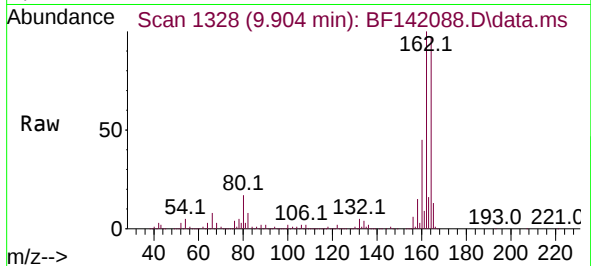




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

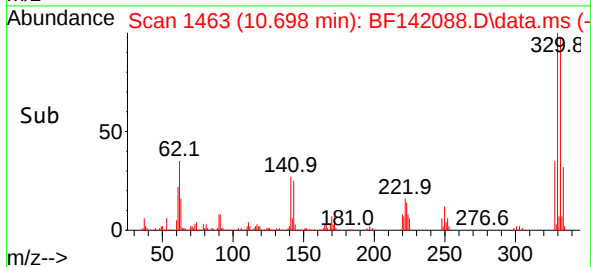
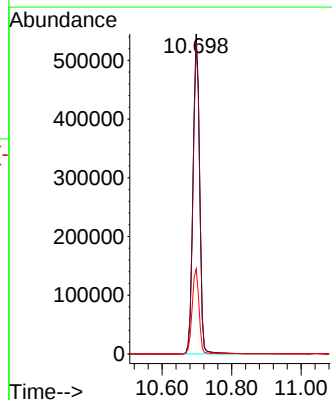
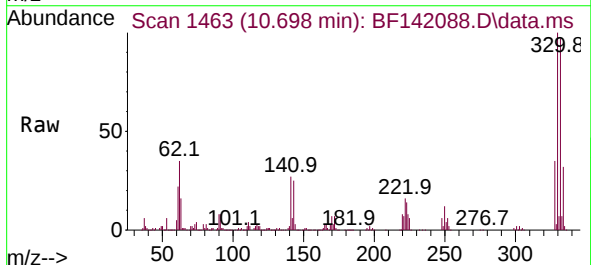
Instrument :
BNA_F
ClientSampleId :
VNJ-206

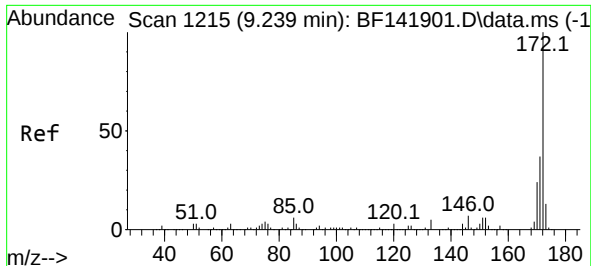
Tgt Ion:164 Resp: 331118
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.9 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 170.502 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

Tgt Ion:330 Resp: 716223
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 27.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 99.377 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

Instrument :

BNA_F

ClientSampleId :

VNJ-206

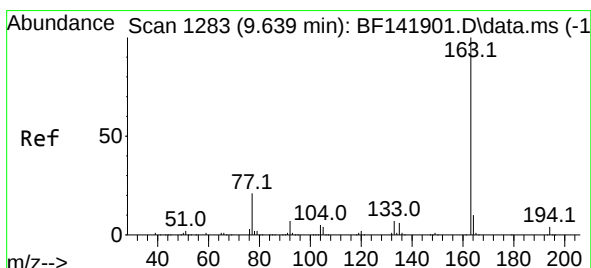
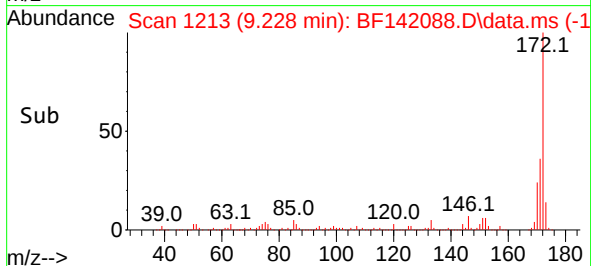
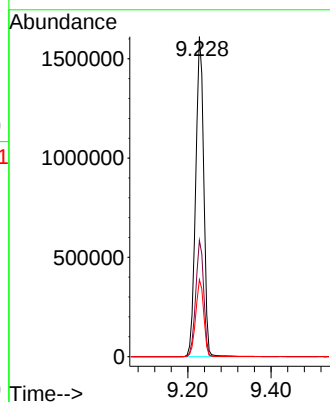
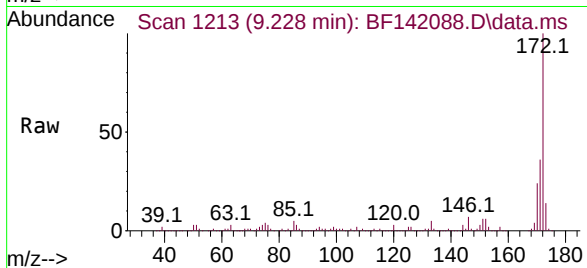
Tgt Ion:172 Resp: 2163690

Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

170 24.0 19.4 29.0



#50

Dimethylphthalate

Concen: 2.084 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.018 min

Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

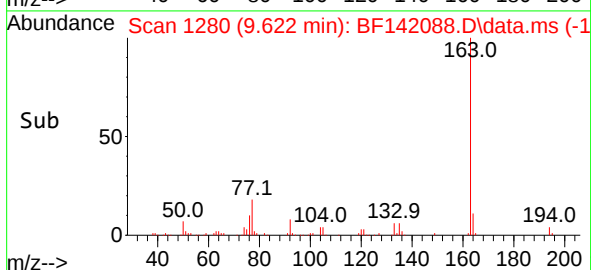
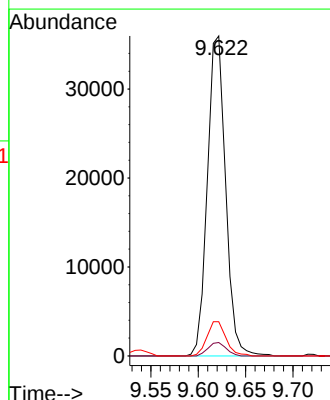
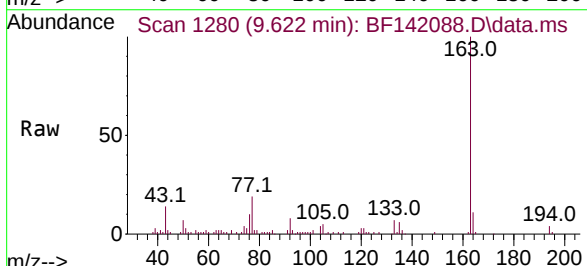
Tgt Ion:163 Resp: 48331

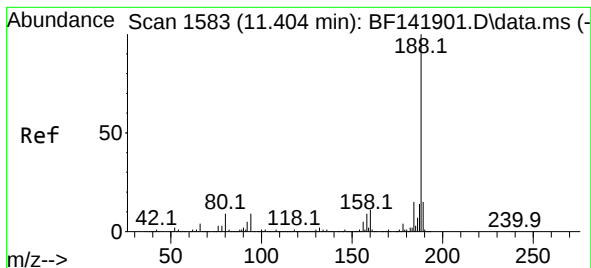
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.7 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

Instrument :

BNA_F

ClientSampleId :

VNJ-206

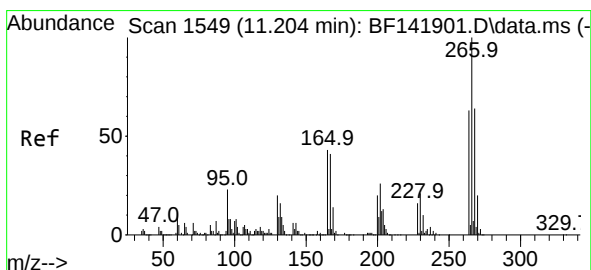
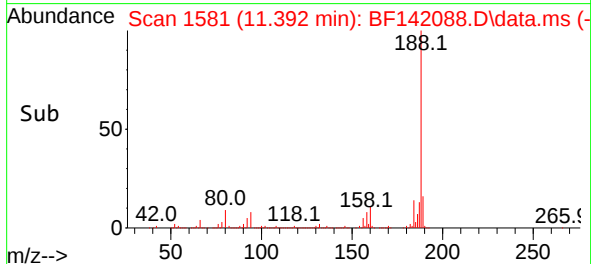
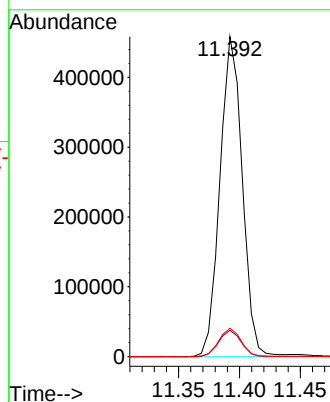
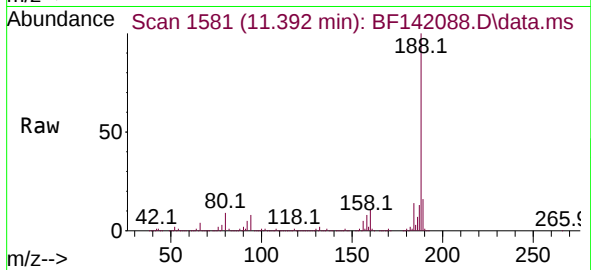
Tgt Ion:188 Resp: 582764

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.9 7.6 11.4



#70

Pentachlorophenol

Concen: 7.406 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142088.D

Acq: 25 Mar 2025 20:07

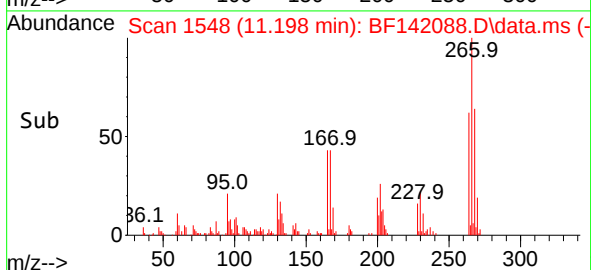
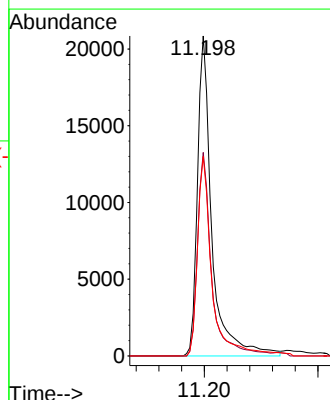
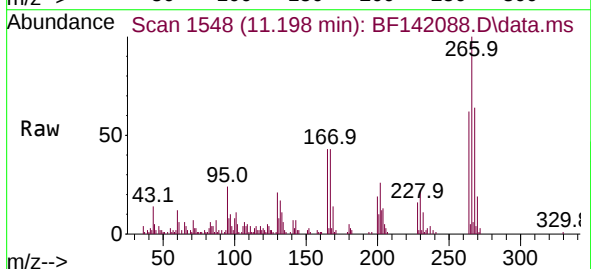
Tgt Ion:266 Resp: 36626

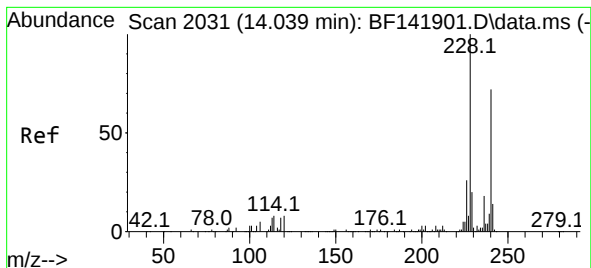
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 62.3 50.2 75.2

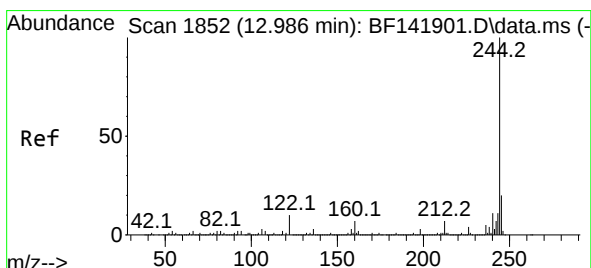
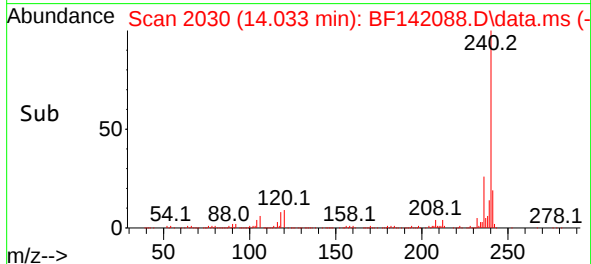
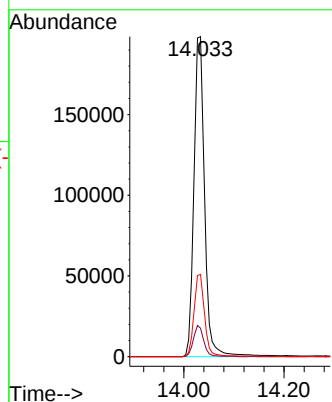
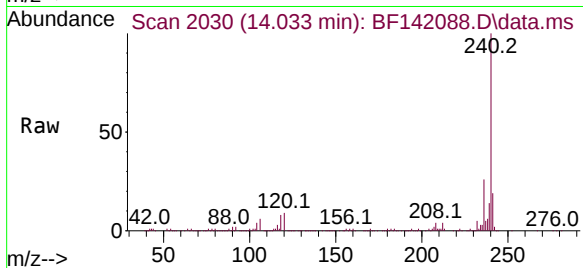




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

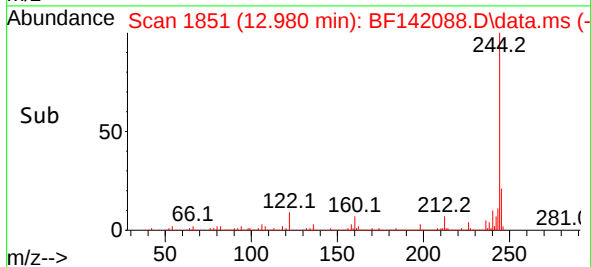
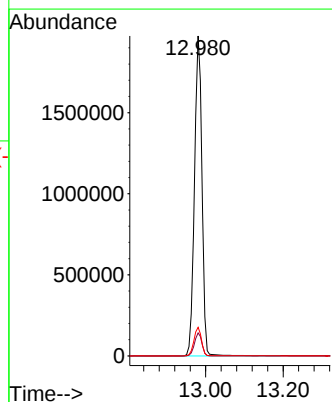
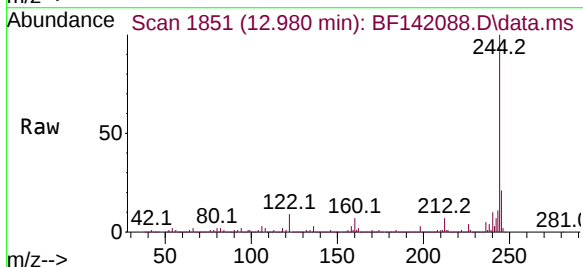
Instrument :
BNA_F
ClientSampleId :
VNJ-206

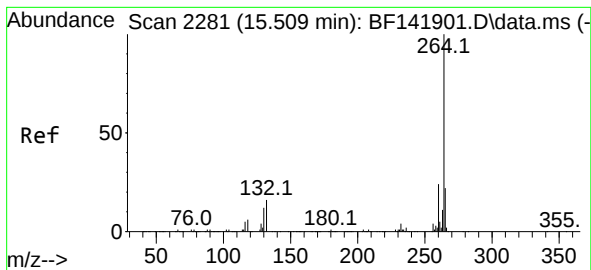
Tgt Ion:240 Resp: 293555
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 133.001 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142088.D
Acq: 25 Mar 2025 20:07

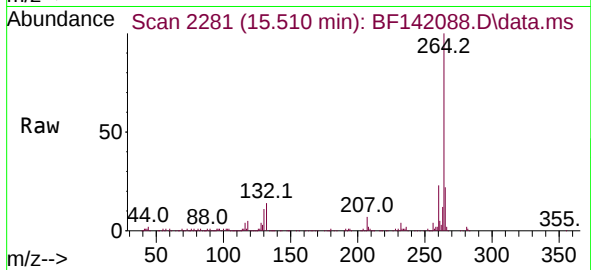
Tgt Ion:244 Resp: 2640801
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 8.9 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142088.D
 Acq: 25 Mar 2025 20:07

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206



Tgt Ion:	264	Resp:	191120
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.1	28.7
265	21.6	17.5	26.3

