

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141200.D
 Acq On : 17 Jan 2025 18:33
 Operator : RC/JU
 Sample : Q1115-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Quant Time: Jan 17 23:11:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	194466	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	776667	20.000	ng	-0.01
39) Acenaphthene-d10	9.839	164	415381	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	680401	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	415705	20.000	ng	-0.02
86) Perylene-d12	15.421	264	400012	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1439694	114.367	ng	0.01
7) Phenol-d6	6.439	99	1623244	101.797	ng	0.00
23) Nitrobenzene-d5	7.375	82	1272238	86.832	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	666531	140.827	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2319928	85.286	ng	-0.02
79) Terphenyl-d14	12.921	244	2365443	84.574	ng	-0.01

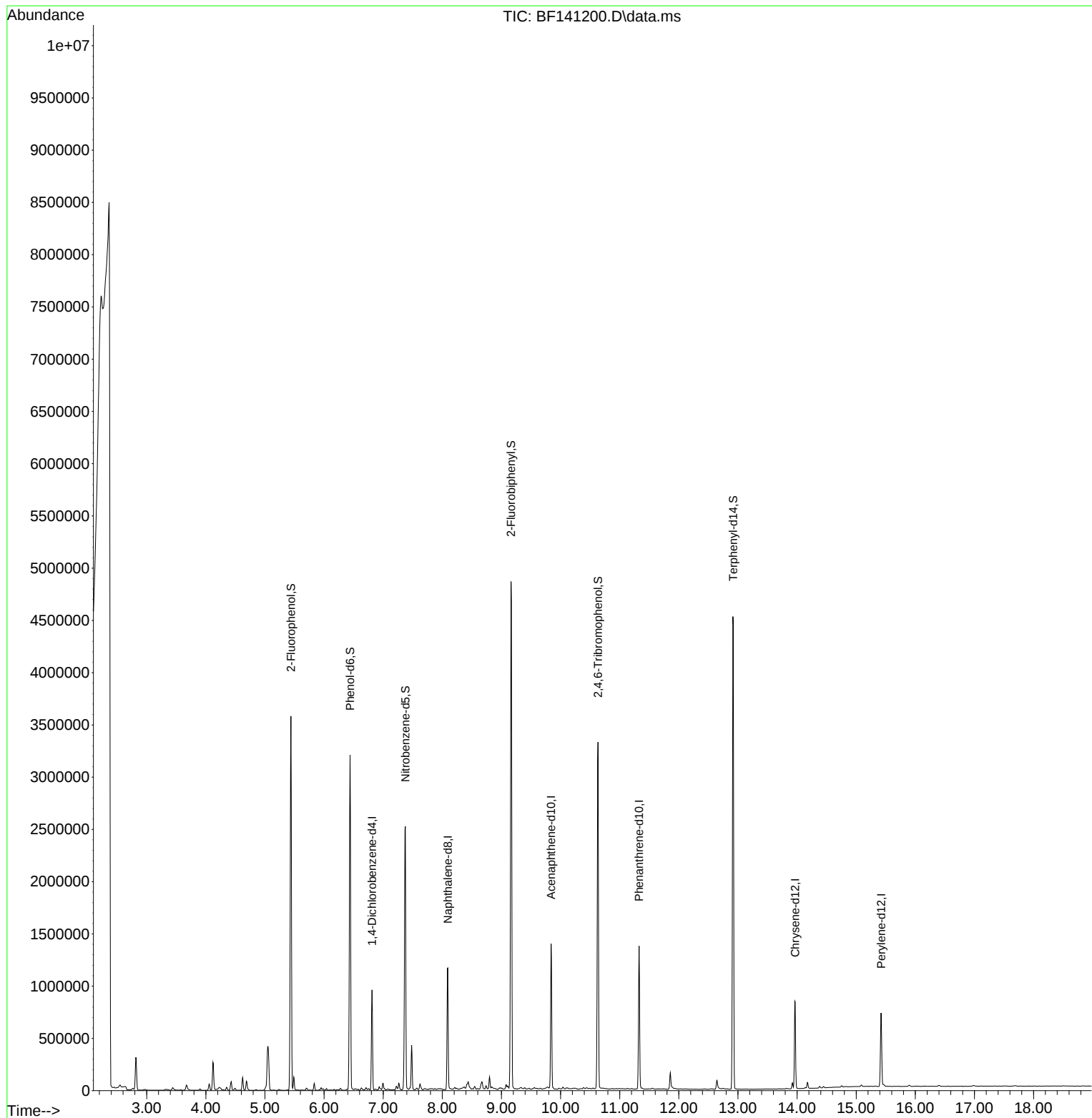
Target Compounds	Qvalue

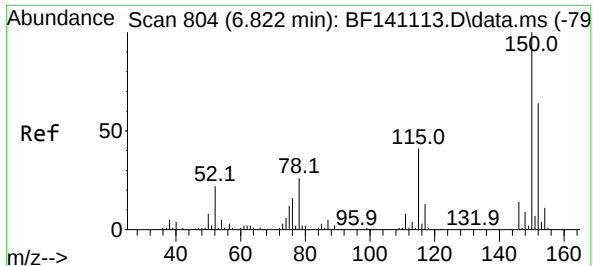
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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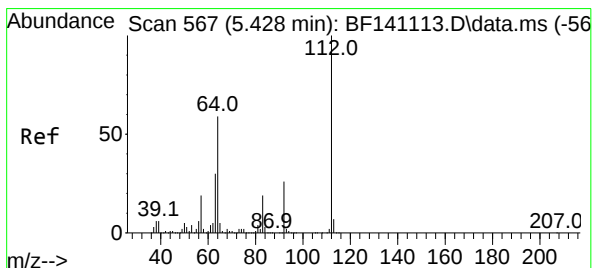
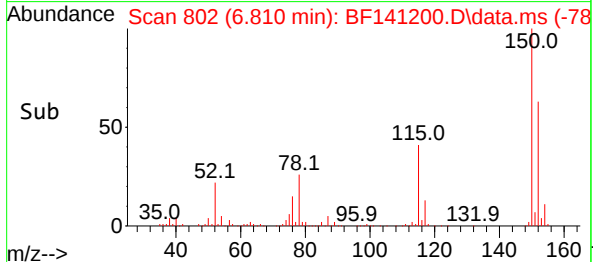
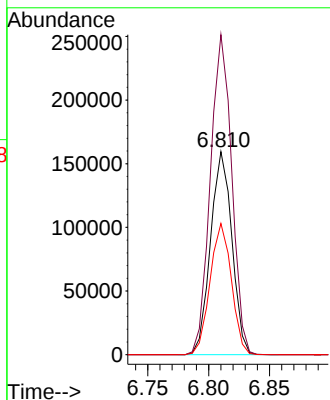
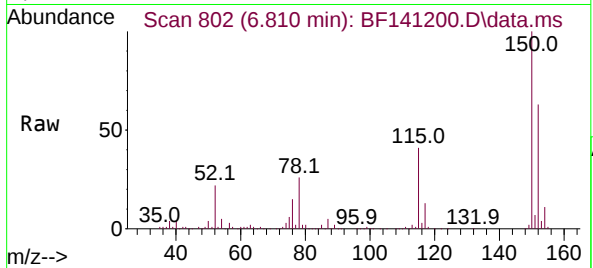




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

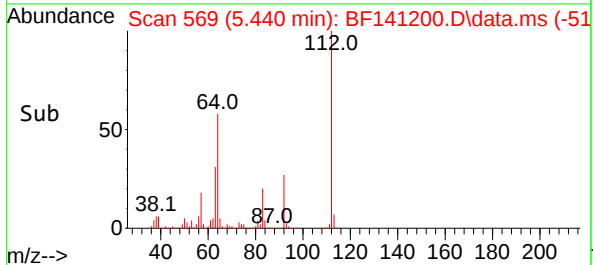
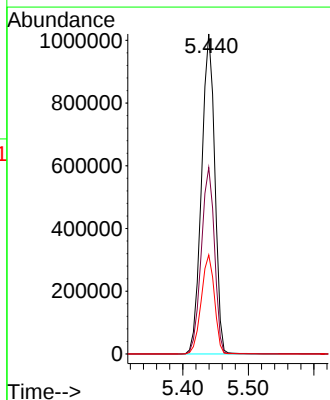
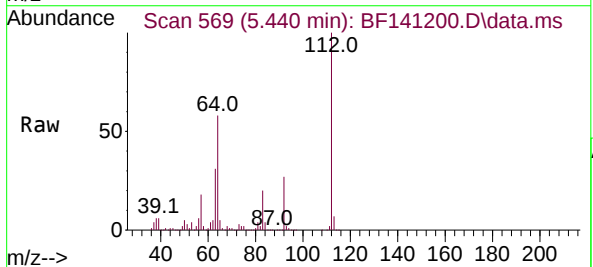
Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tgt Ion:152 Resp: 194466
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.8
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 114.367 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

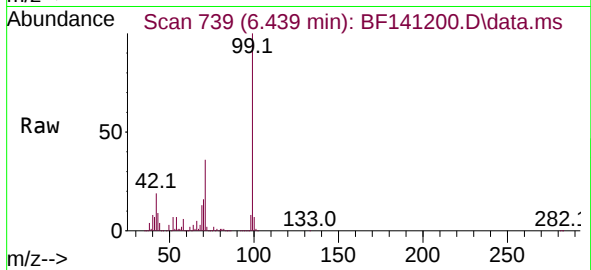
Tgt Ion:112 Resp: 1439694
Ion Ratio Lower Upper
112 100
64 58.3 47.3 70.9
63 30.9 24.2 36.2





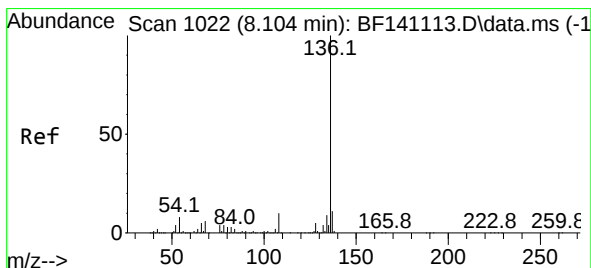
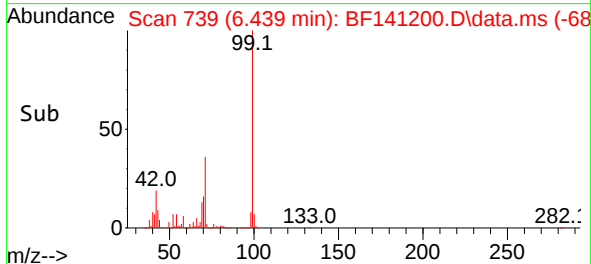
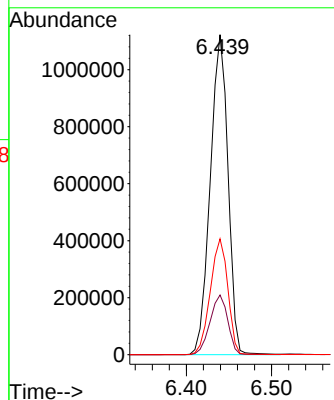
#7
Phenol-d6
Concen: 101.797 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

Instrument :
BNA_F
ClientSampleId :
VNJ-214



Tgt Ion: 99 Resp: 1623244

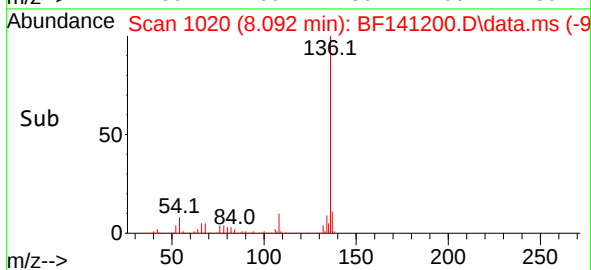
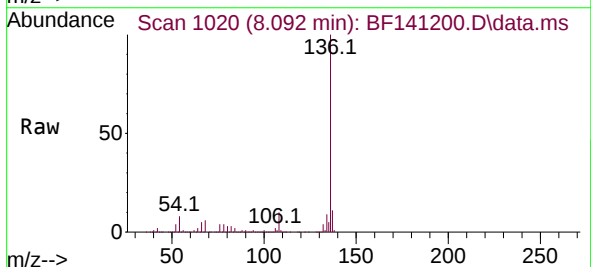
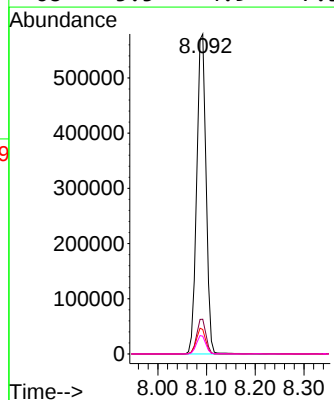
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	36.2	27.6	41.4

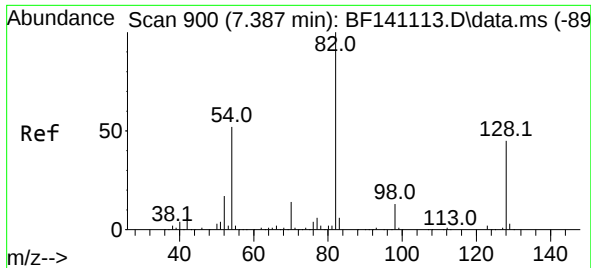


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

Tgt Ion: 136 Resp: 776667

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.3	9.5
68	5.5	4.9	7.3

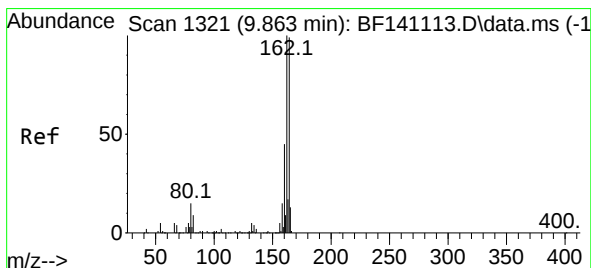
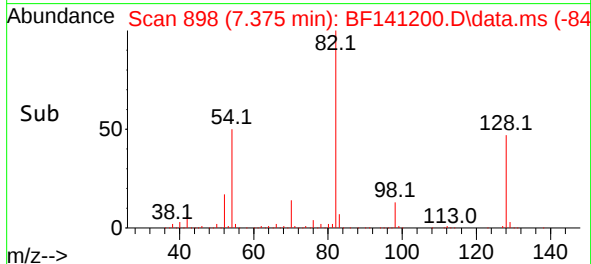
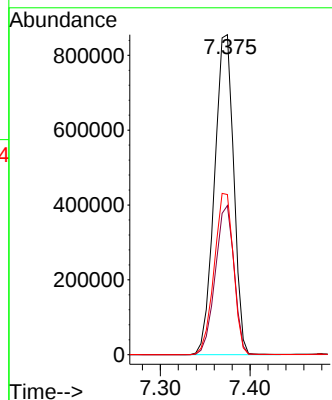
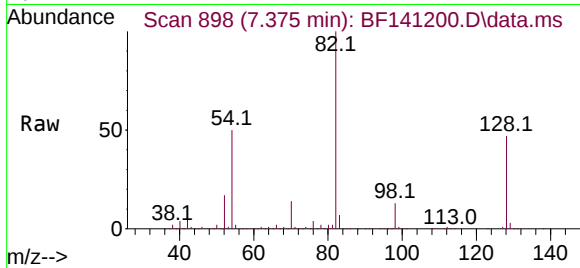




#23
Nitrobenzene-d5
Concen: 86.832 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

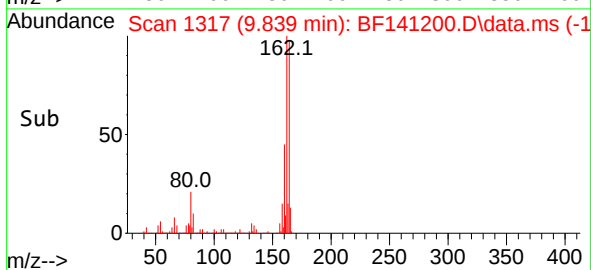
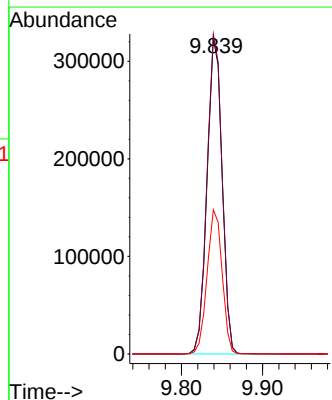
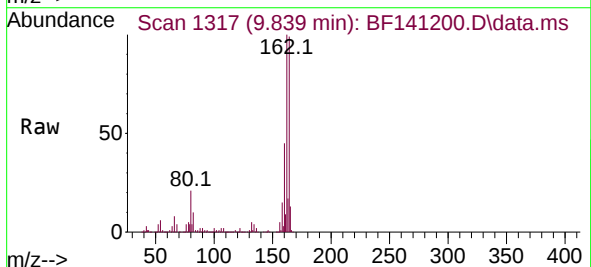
Instrument :
BNA_F
ClientSampleId :
VNJ-214

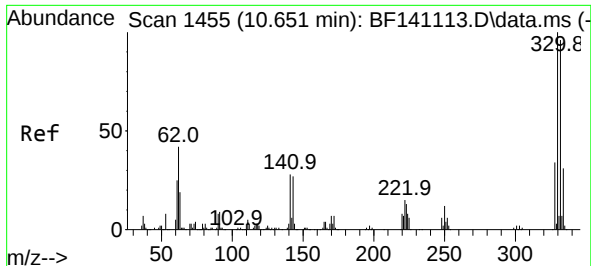
Tgt Ion: 82 Resp: 1272238
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 50.1 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

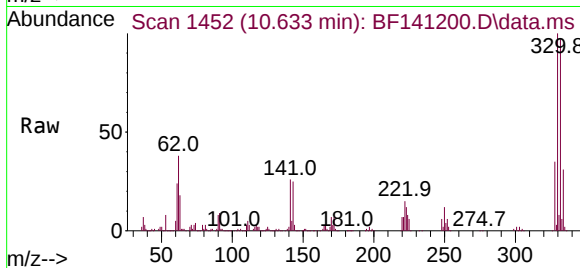
Tgt Ion:164 Resp: 415381
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.7 36.1 54.1



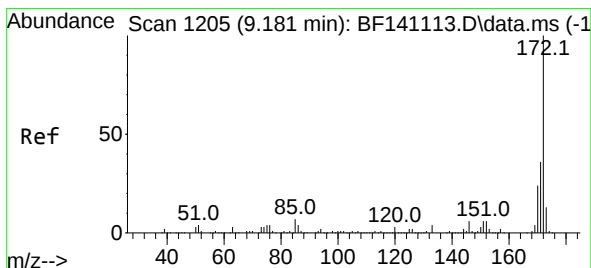
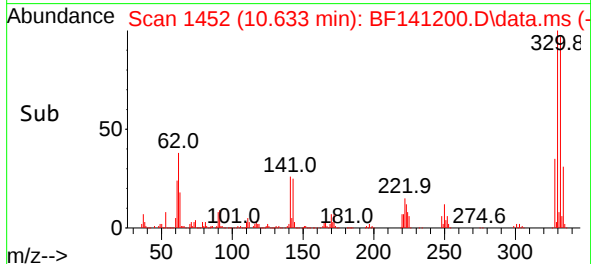
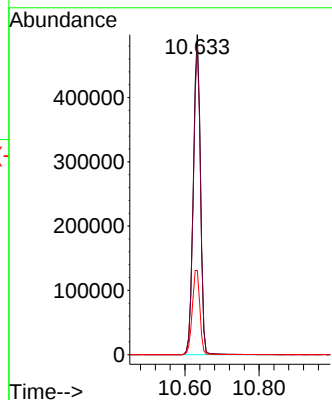


#42
2,4,6-Tribromophenol
Concen: 140.827 ng
RT: 10.633 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

Instrument :
BNA_F
ClientSampleId :
VNJ-214

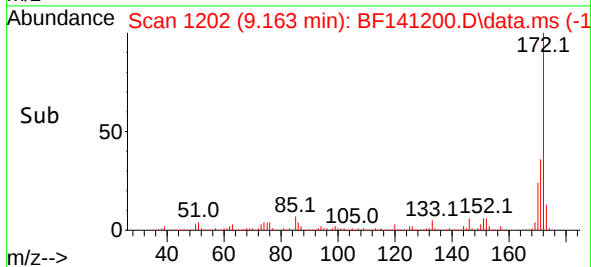
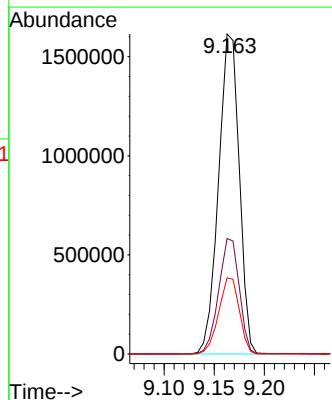
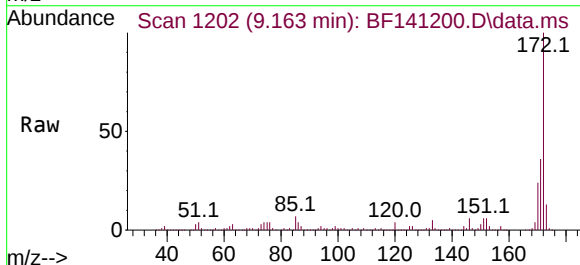


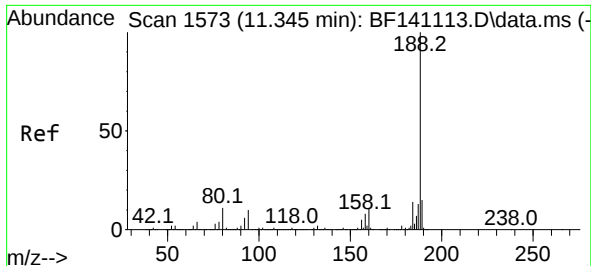
Tgt Ion:330 Resp: 666531
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.1 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 85.286 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

Tgt Ion:172 Resp: 2319928
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.8 19.0 28.6

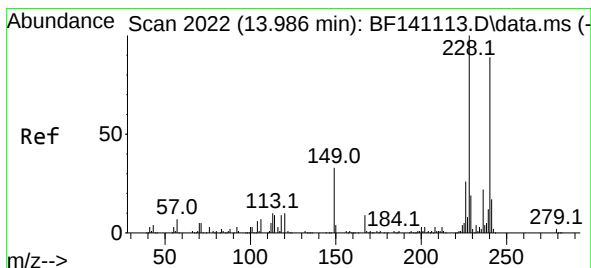
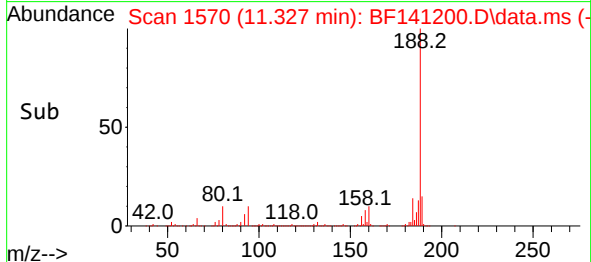
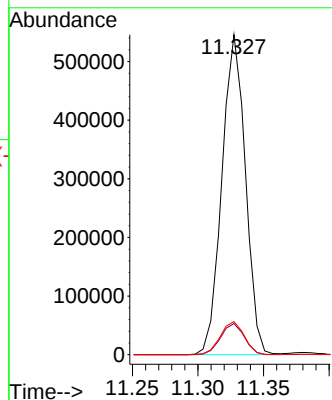
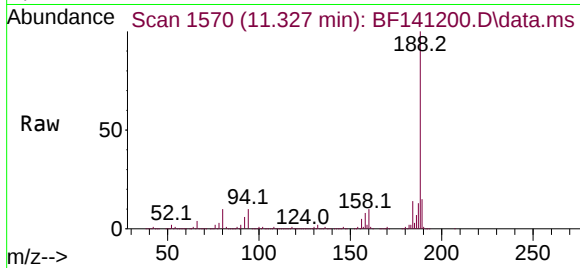




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

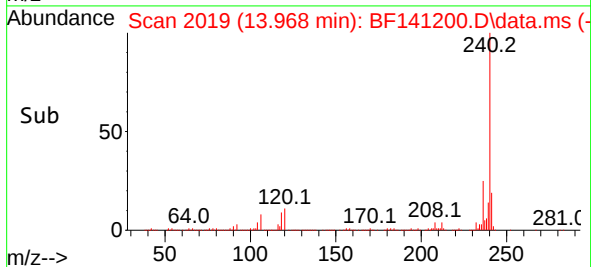
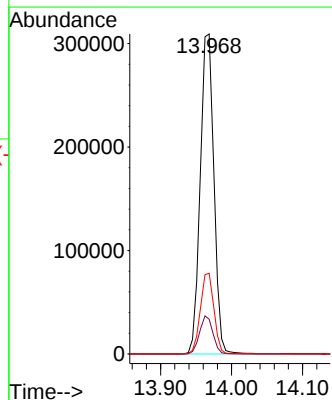
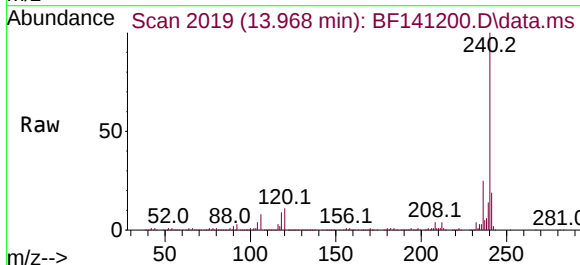
Instrument :
BNA_F
ClientSampleId :
VNJ-214

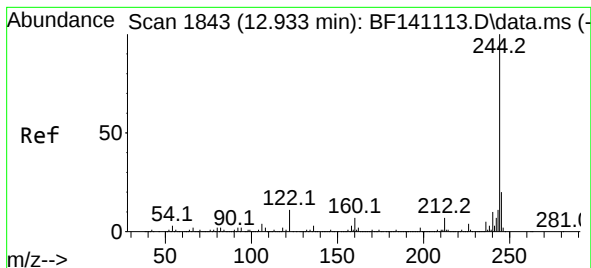
Tgt Ion:188 Resp: 680401
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141200.D
Acq: 17 Jan 2025 18:33

Tgt Ion:240 Resp: 415705
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.2 19.8 29.6





#79

Terphenyl-d14

Concen: 84.574 ng

RT: 12.921 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141200.D

Acq: 17 Jan 2025 18:33

Instrument :

BNA_F

ClientSampleId :

VNJ-214

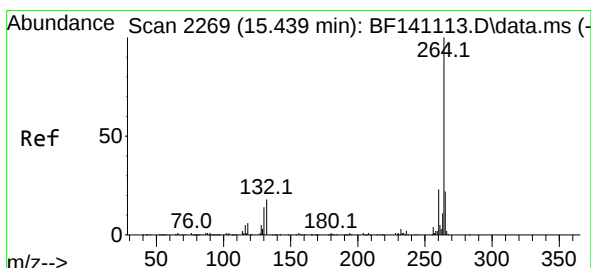
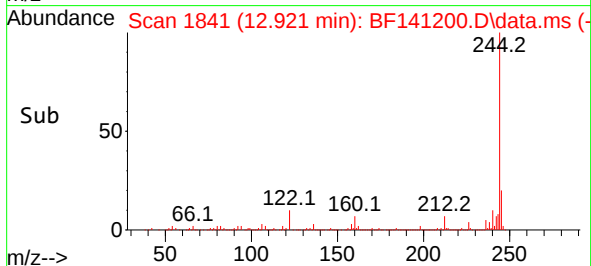
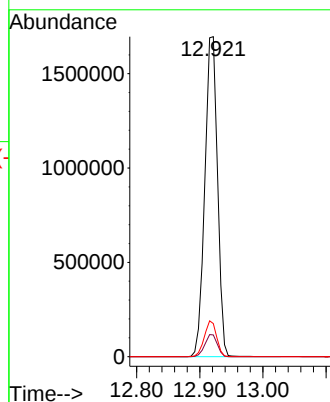
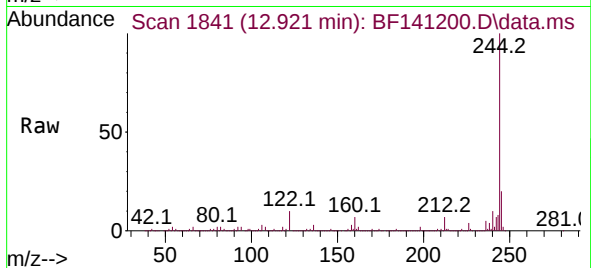
Tgt Ion:244 Resp: 2365443

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141200.D

Acq: 17 Jan 2025 18:33

Tgt Ion:264 Resp: 400012

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.9 17.4 26.0

