

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141202.D
 Acq On : 17 Jan 2025 19:26
 Operator : RC/JU
 Sample : Q1115-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-213

Quant Time: Jan 17 23:11:38 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	194974	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	773923	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	337549	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	645304	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	352535	20.000	ng	-0.02
86) Perylene-d12	15.421	264	106273	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1488650	117.947	ng	0.01
7) Phenol-d6	6.439	99	1478717	92.492	ng	0.00
23) Nitrobenzene-d5	7.375	82	1308261	89.607	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	670750	174.395	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2359394	106.737	ng	-0.01
79) Terphenyl-d14	12.915	244	2269337	95.676	ng	-0.02

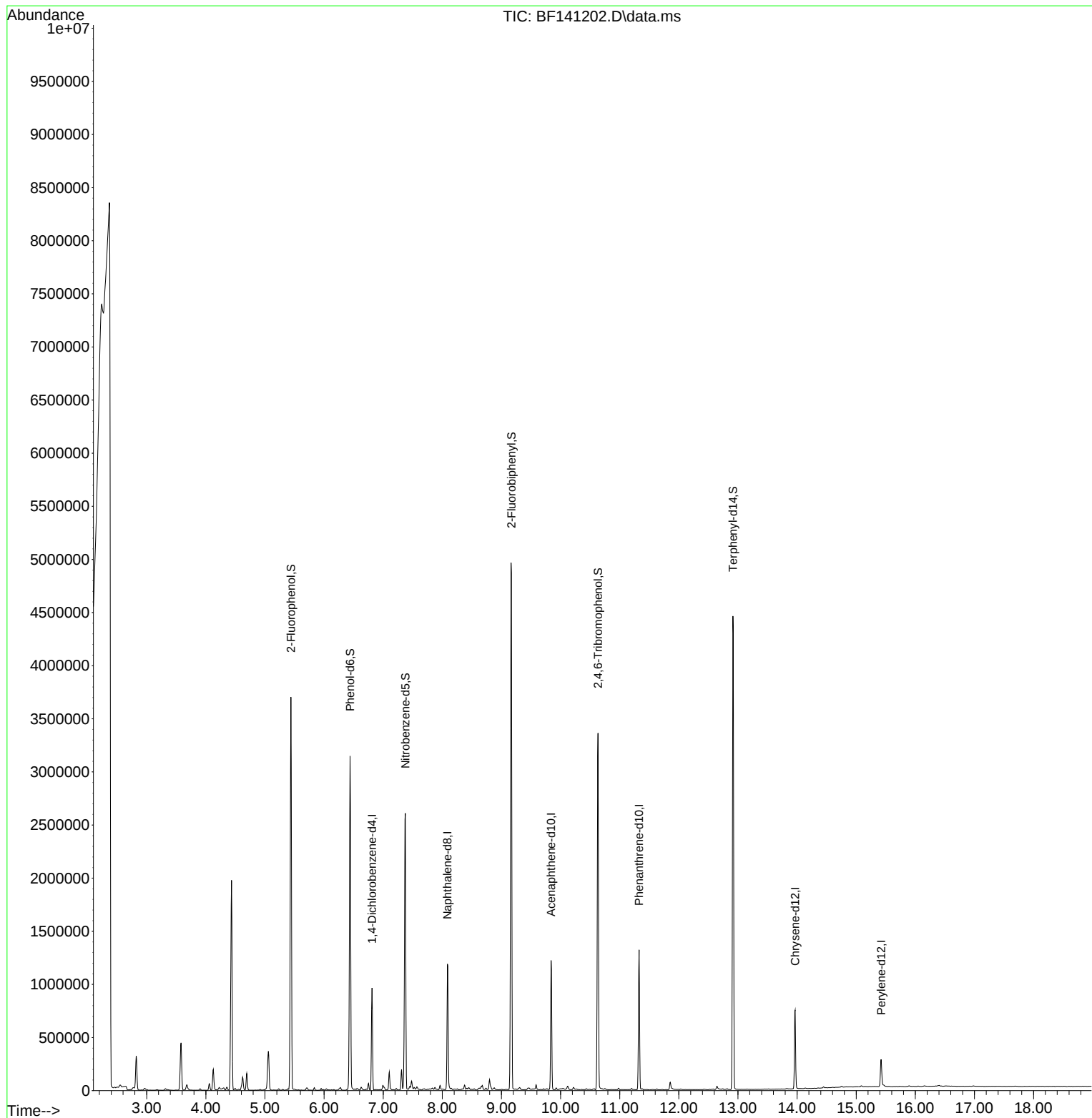
Target Compounds	Qvalue

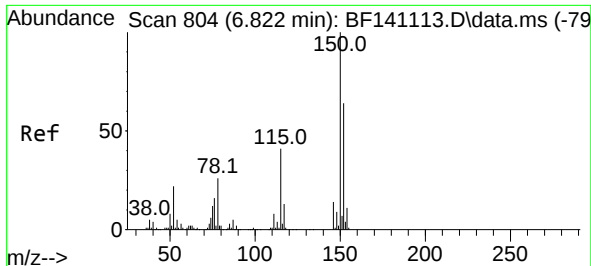
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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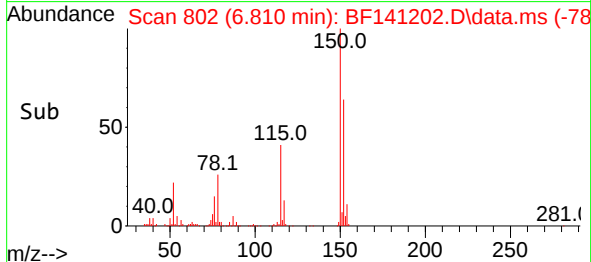
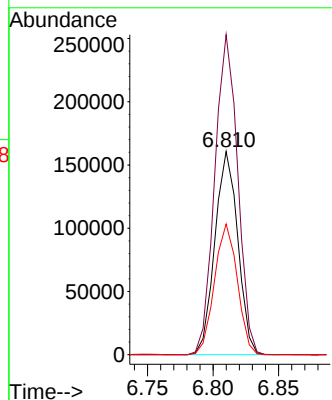
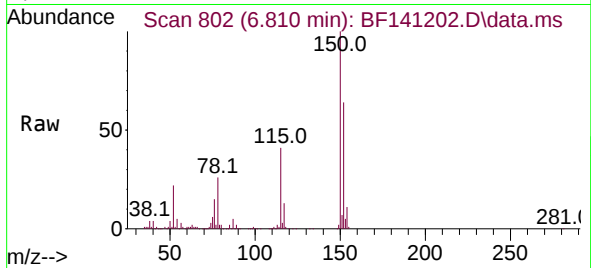




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

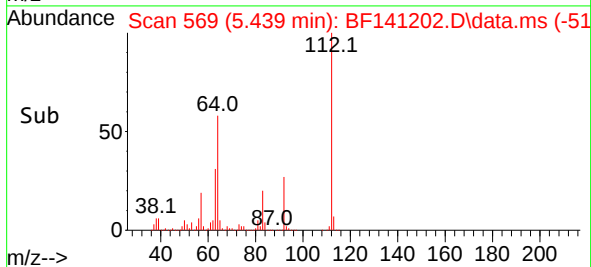
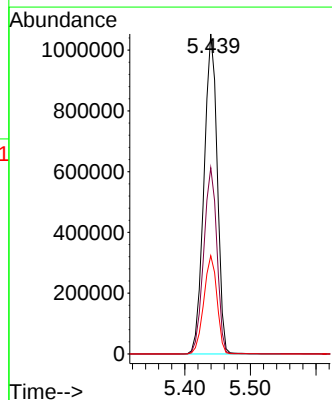
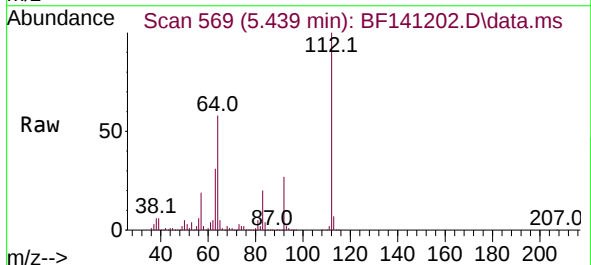
Instrument :
BNA_F
ClientSampleId :
VNJ-213

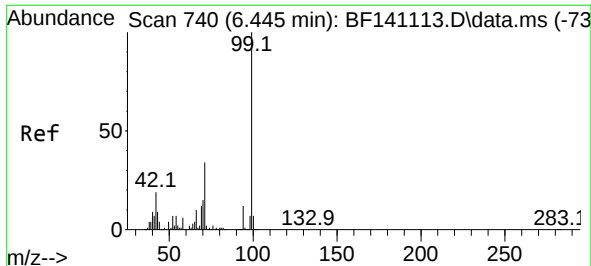
Tgt Ion:152 Resp: 194974
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.8
115 64.3 51.4 77.2



#5
2-Fluorophenol
Concen: 117.947 ng
RT: 5.439 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

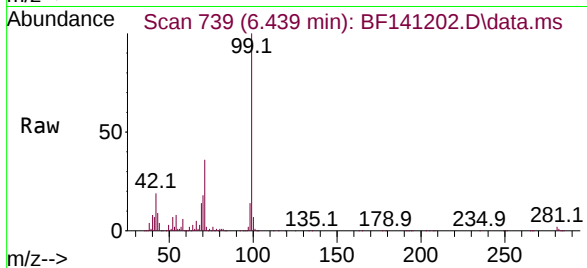
Tgt Ion:112 Resp: 1488650
Ion Ratio Lower Upper
112 100
64 58.2 47.3 70.9
63 30.7 24.2 36.2





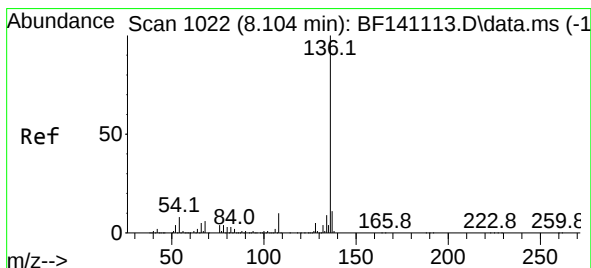
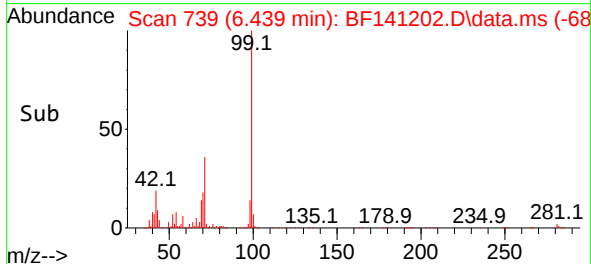
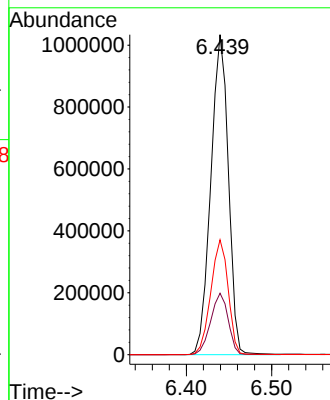
#7
Phenol-d6
Concen: 92.492 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Instrument :
BNA_F
ClientSampleId :
VNJ-213



Tgt Ion: 99 Resp: 1478717

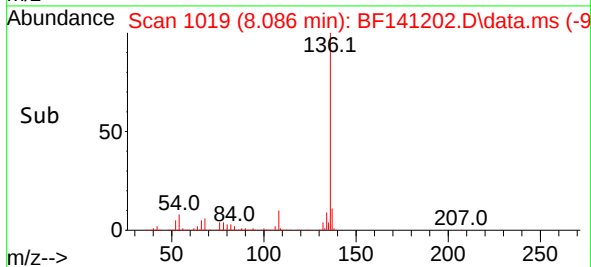
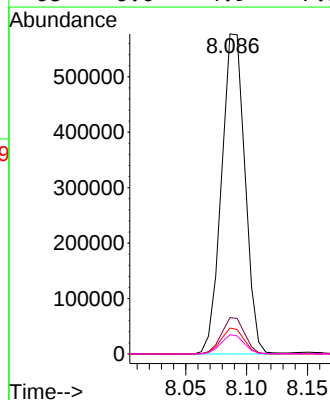
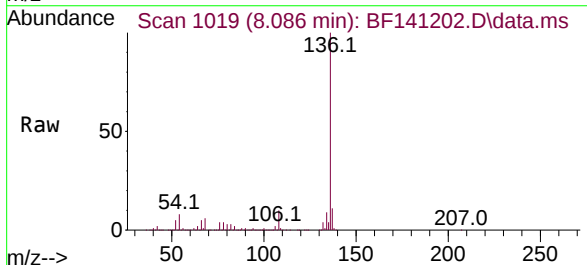
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.0	22.4
71	35.9	27.6	41.4

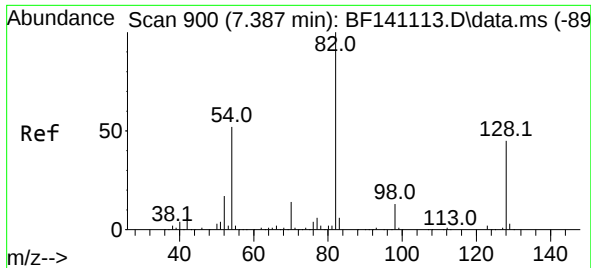


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:136 Resp: 773923

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.1	6.3	9.5
68	6.0	4.9	7.3

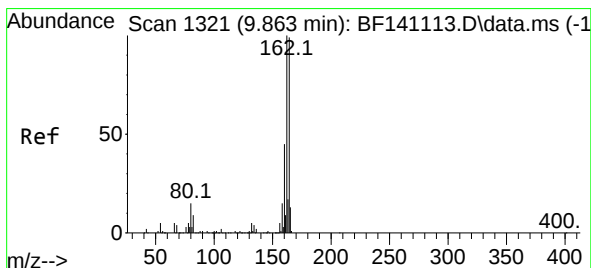
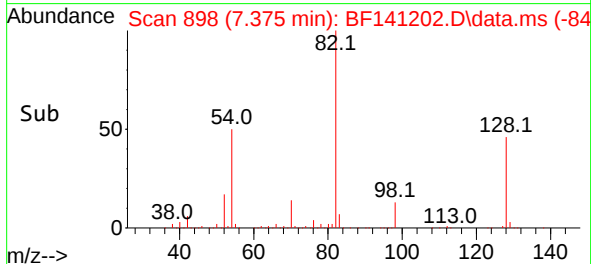
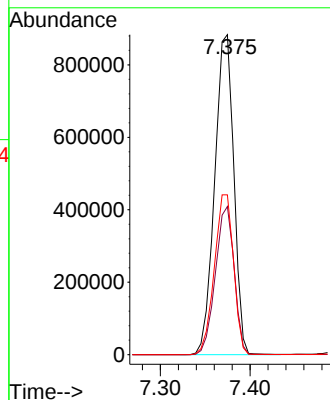
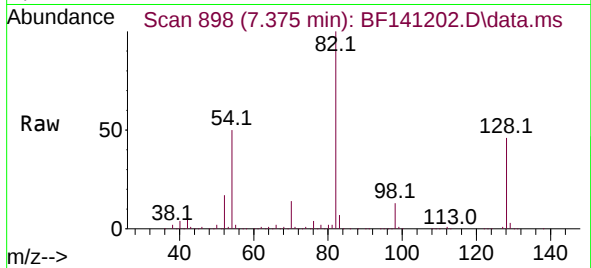




#23
Nitrobenzene-d5
Concen: 89.607 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

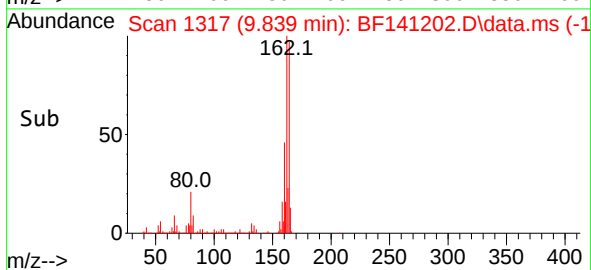
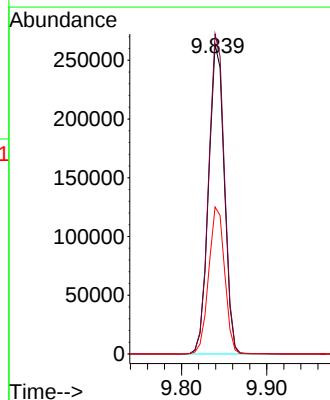
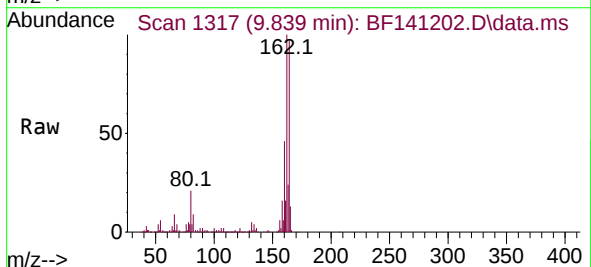
Instrument :
BNA_F
ClientSampleId :
VNJ-213

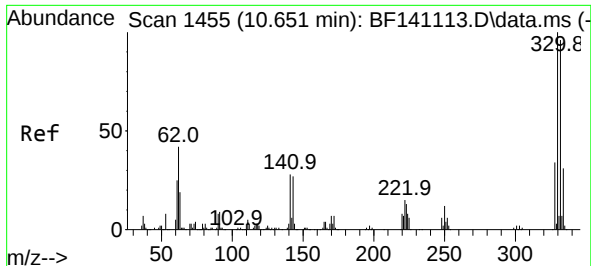
Tgt Ion: 82 Resp: 1308261
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 50.0 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

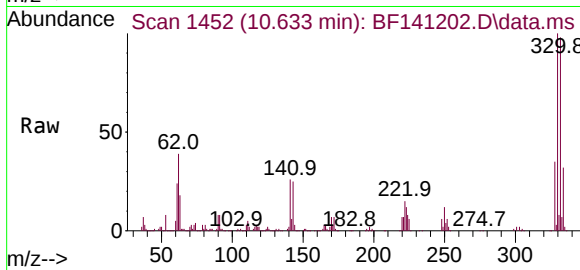
Tgt Ion:164 Resp: 337549
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.4
160 47.5 36.1 54.1



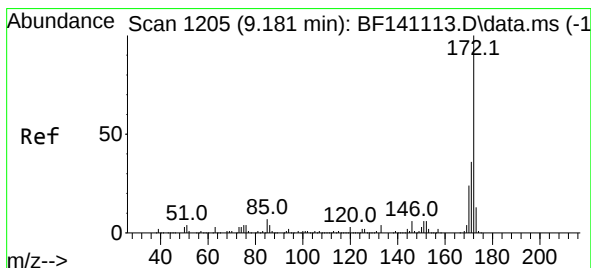
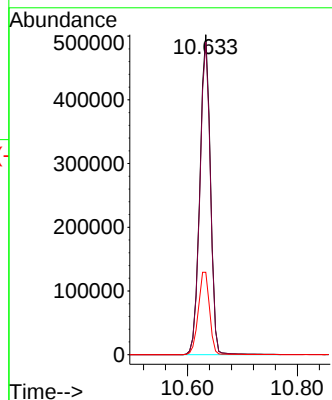
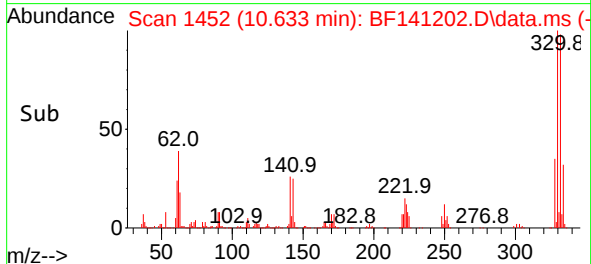


#42
 2,4,6-Tribromophenol
 Concen: 174.395 ng
 RT: 10.633 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF141202.D
 Acq: 17 Jan 2025 19:26

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-213

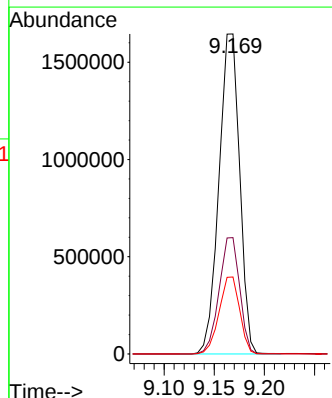
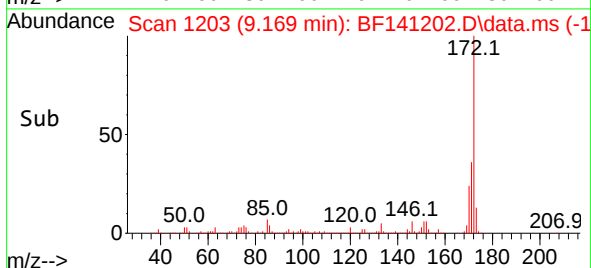
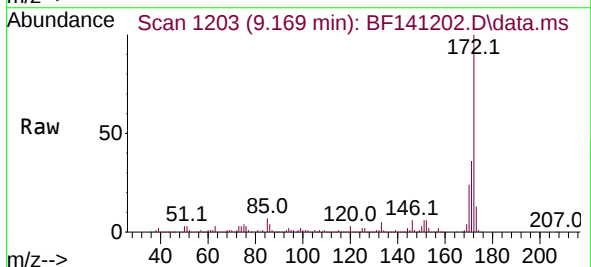


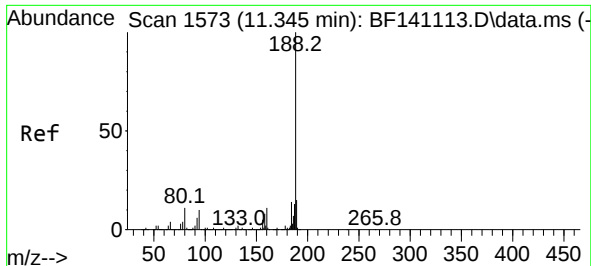
Tgt Ion:330 Resp: 670750
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 27.5 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 106.737 ng
 RT: 9.169 min Scan# 1203
 Delta R.T. -0.012 min
 Lab File: BF141202.D
 Acq: 17 Jan 2025 19:26

Tgt Ion:172 Resp: 2359394
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.7 43.1
 170 24.0 19.0 28.6

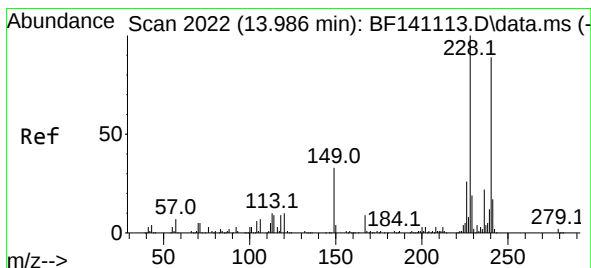
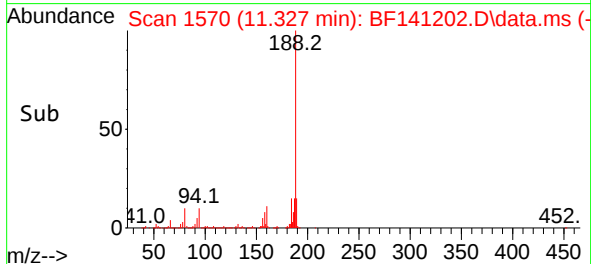
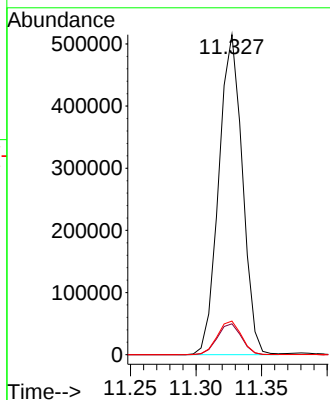
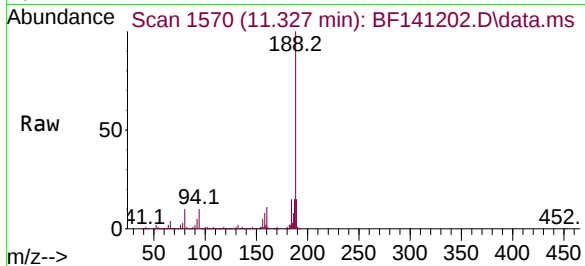




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

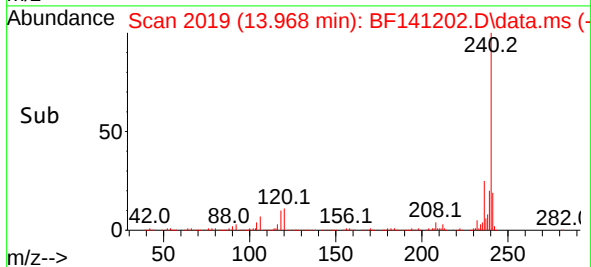
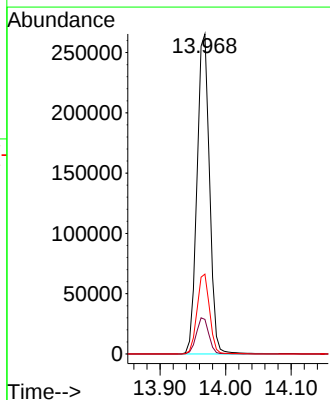
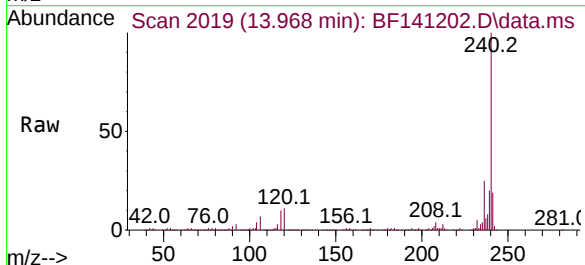
Instrument :
BNA_F
ClientSampleId :
VNJ-213

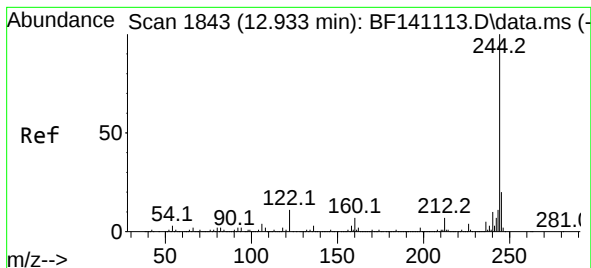
Tgt Ion:188 Resp: 645304
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141202.D
Acq: 17 Jan 2025 19:26

Tgt Ion:240 Resp: 352535
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.0 19.8 29.6





#79

Terphenyl-d14

Concen: 95.676 ng

RT: 12.915 min Scan# 1840

Delta R.T. -0.018 min

Lab File: BF141202.D

Acq: 17 Jan 2025 19:26

Instrument :

BNA_F

ClientSampleId :

VNJ-213

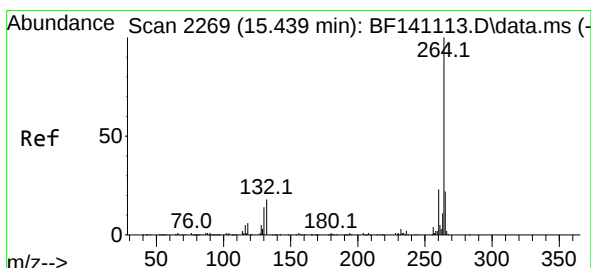
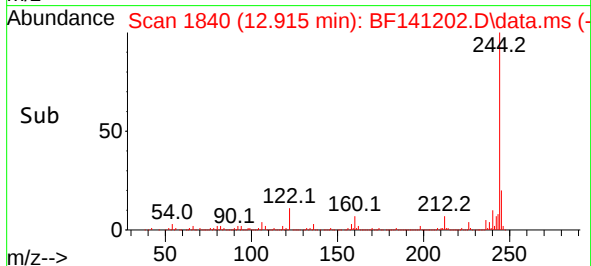
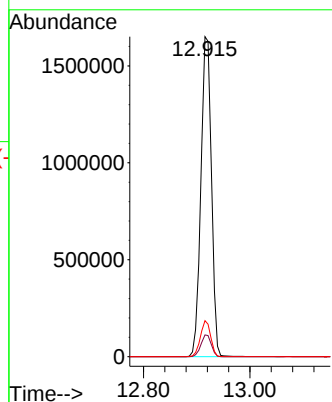
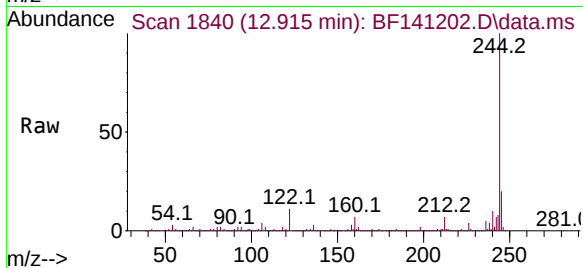
Tgt Ion:244 Resp: 2269337

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 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: BF141202.D

Acq: 17 Jan 2025 19:26

Tgt Ion:264 Resp: 106273

Ion Ratio Lower Upper

264 100

260 29.7 18.6 28.0#

265 20.4 17.4 26.0

