

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141251.D
 Acq On : 23 Jan 2025 15:49
 Operator : RC/JU
 Sample : Q1154-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Quant Time: Jan 24 01:58:10 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

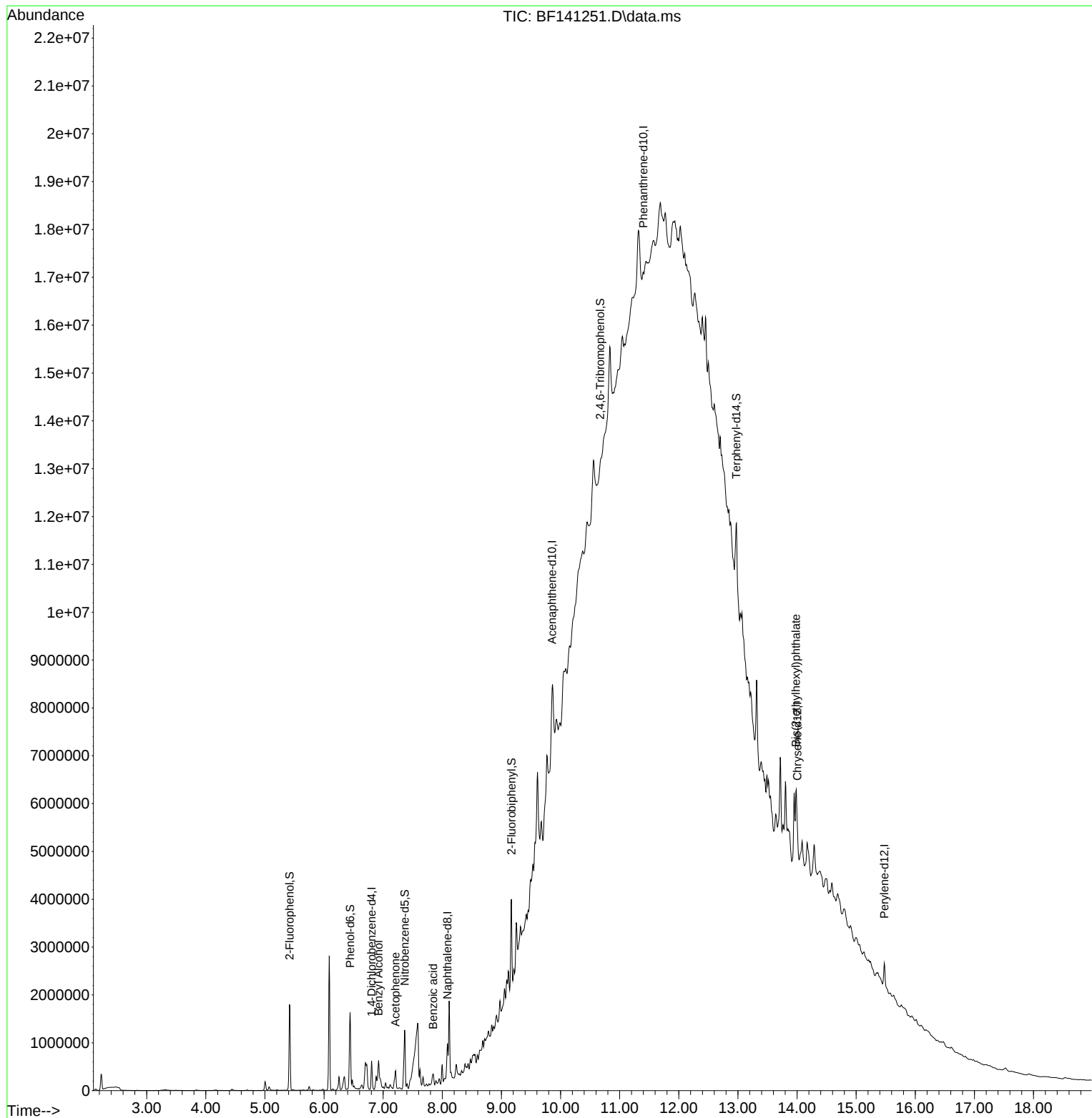
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122509	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	563458m	20.000	ng	-0.02
39) Acenaphthene-d10	9.857	164	177032	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	155127	20.000	ng	# 0.05
76) Chrysene-d12	14.004	240	276478	20.000	ng	0.02
86) Perylene-d12	15.474	264	330257	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	718717	90.628	ng	-0.01
7) Phenol-d6	6.440	99	895760	89.170	ng	0.00
23) Nitrobenzene-d5	7.363	82	529941	49.855	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	187481	92.943	ng	0.02
45) 2-Fluorobiphenyl	9.169	172	813239	70.148	ng	-0.01
79) Terphenyl-d14	12.974	244	767498	41.260	ng	0.04
Target Compounds						
15) Benzyl Alcohol	6.922	79	36644	5.051	ng	# 58
22) Acetophenone	7.210	105	132543	9.895	ng	# 90
32) Benzoic acid	7.845	122	69938	10.726	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	57109	5.406	ng	# 58

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

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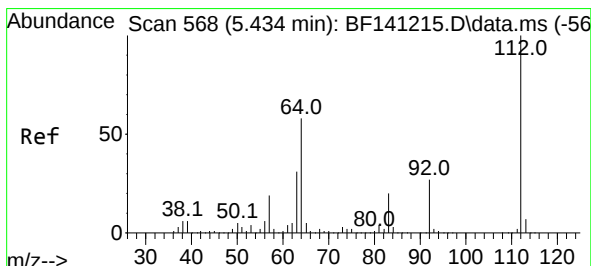
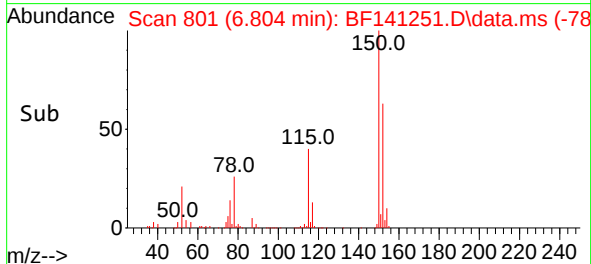
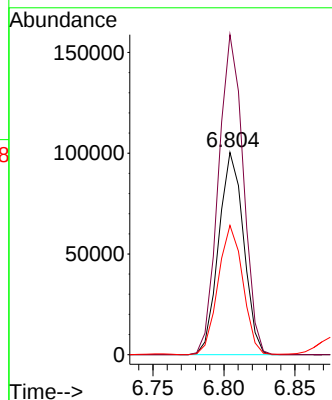
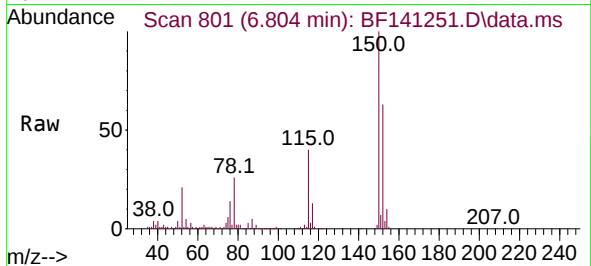




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

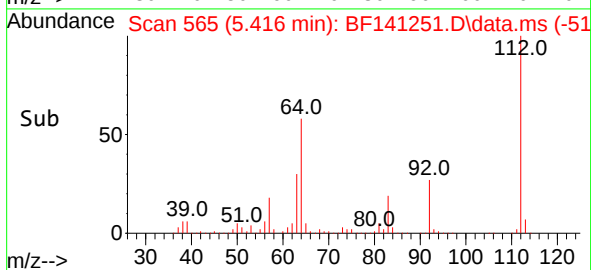
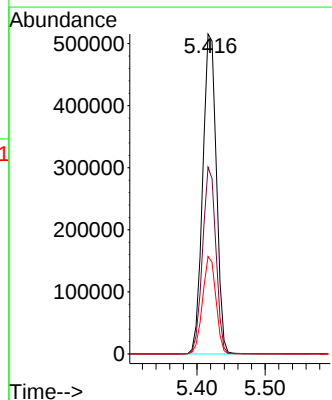
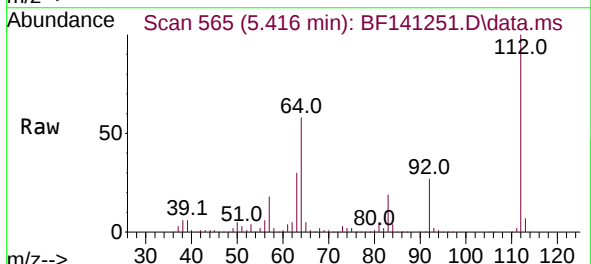
Instrument :
BNA_F
ClientSampleId :
VNJ-220

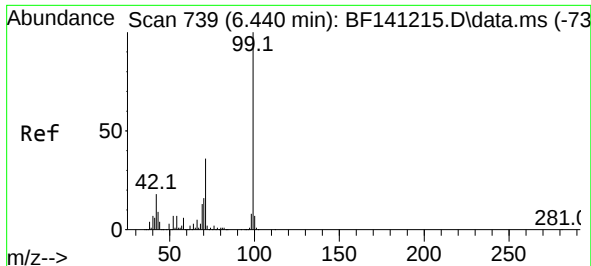
Tgt Ion:152 Resp: 122509
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.8
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 90.628 ng
RT: 5.416 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Tgt Ion:112 Resp: 718717
Ion Ratio Lower Upper
112 100
64 58.3 47.3 70.9
63 30.5 24.2 36.2

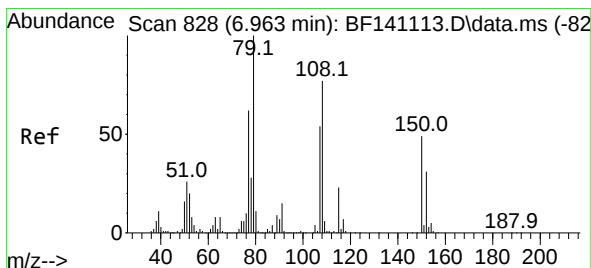
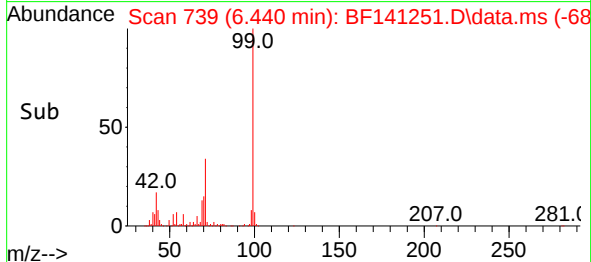
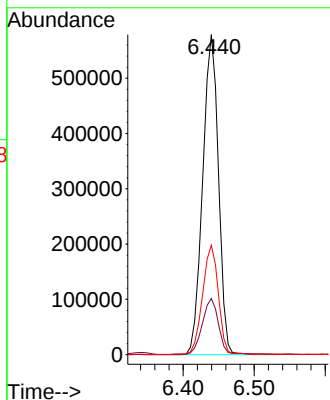
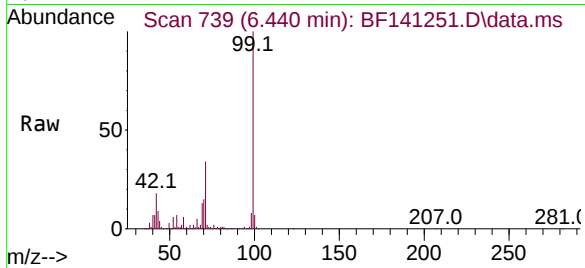




#7
Phenol-d6
Concen: 89.170 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

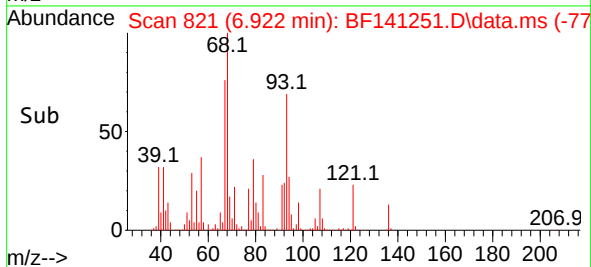
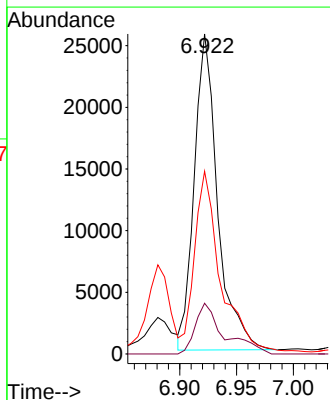
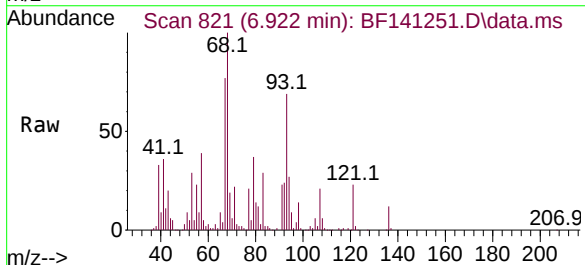
Instrument :
BNA_F
ClientSampleId :
VNJ-220

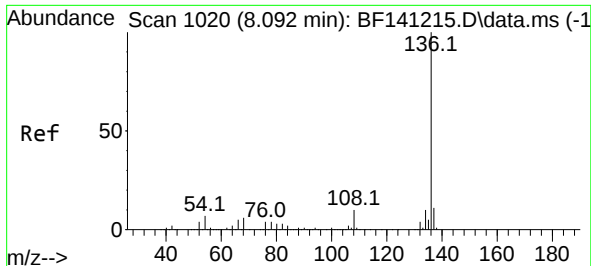
Tgt Ion:	99	Resp:	895760
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	34.2	27.6	41.4



#15
Benzyl Alcohol
Concen: 5.051 ng
RT: 6.922 min Scan# 821
Delta R.T. -0.041 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Tgt Ion:	79	Resp:	36644
Ion	Ratio	Lower	Upper
79	100		
108	15.8	61.4	92.0
77	57.1	49.8	74.6



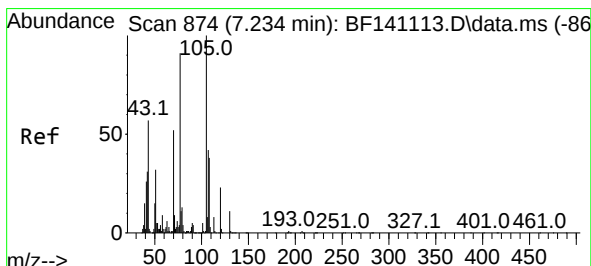
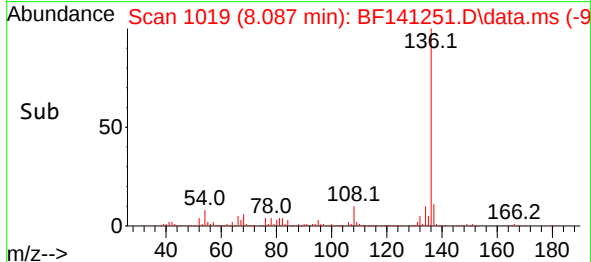
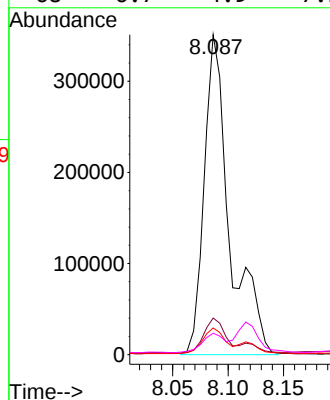
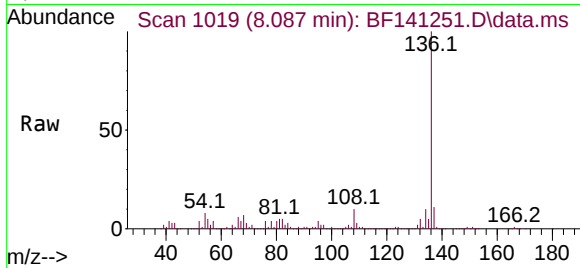


#21
Naphthalene-d8
Concen: 20.000 ng m
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:136 Resp: 563458

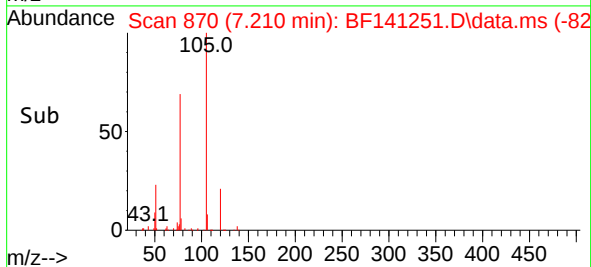
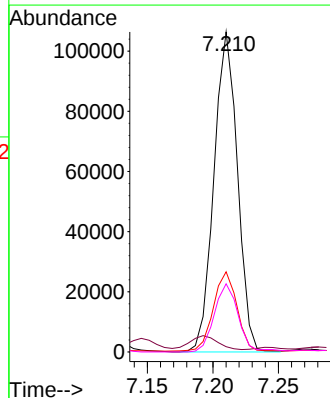
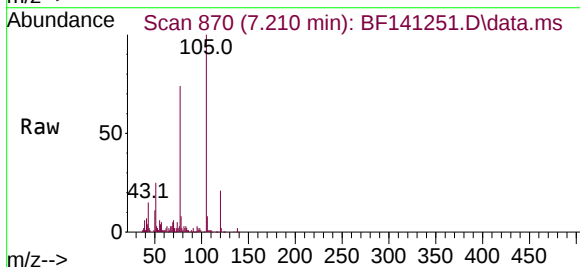
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.4	6.3	9.5
68	6.7	4.9	7.3

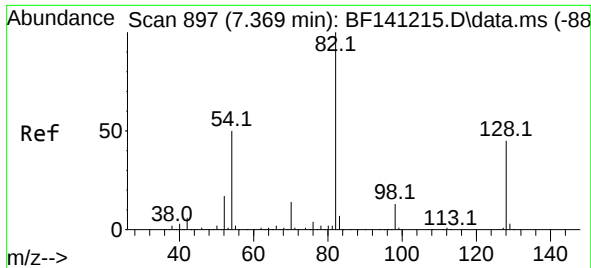


#22
Acetophenone
Concen: 9.895 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.024 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Tgt Ion:105 Resp: 132543

Ion	Ratio	Lower	Upper
105	100		
71	1.7	7.1	10.7#
51	25.1	25.4	38.2#
120	21.3	18.0	27.0

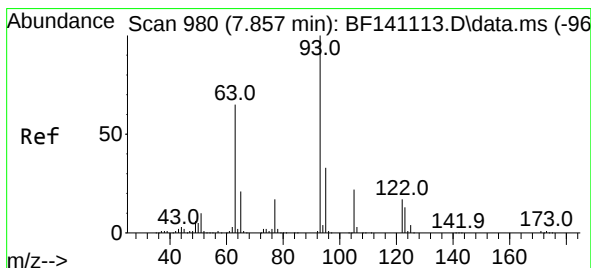
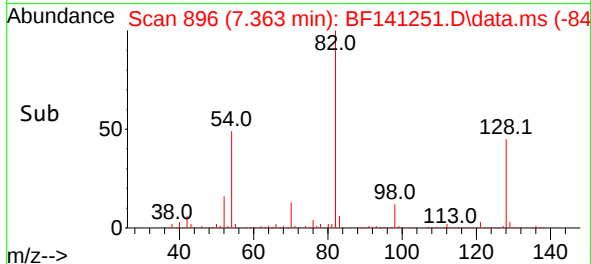
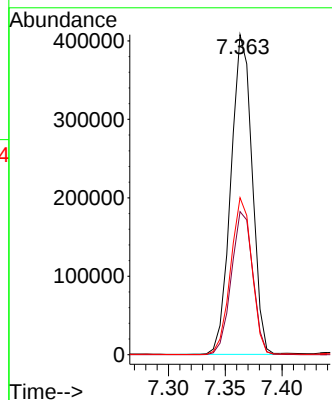
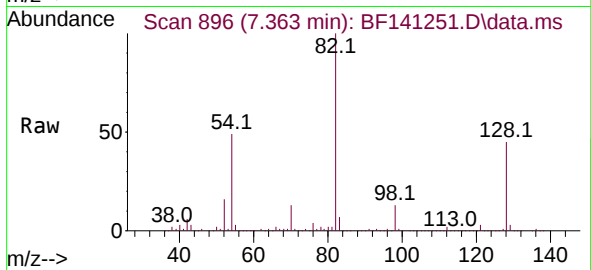




#23
Nitrobenzene-d5
Concen: 49.855 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.024 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

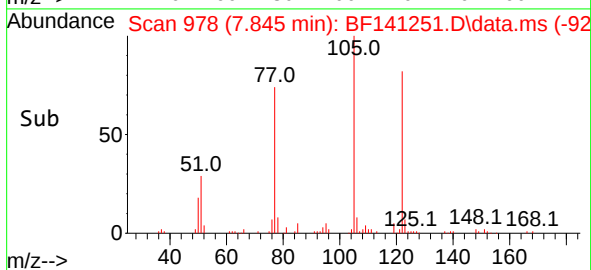
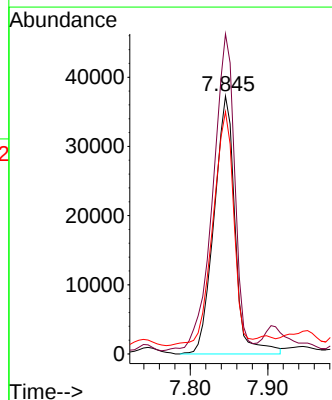
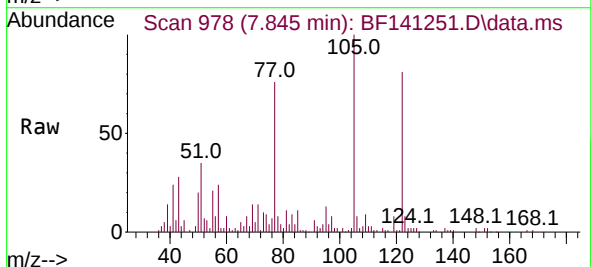
Instrument :
BNA_F
ClientSampleId :
VNJ-220

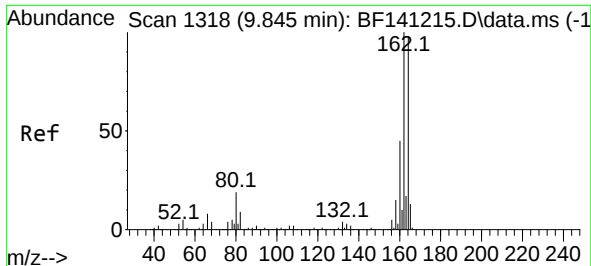
Tgt Ion: 82 Resp: 529941
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 49.0 41.0 61.4



#32
Benzoic acid
Concen: 10.726 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Tgt Ion:122 Resp: 69938
Ion Ratio Lower Upper
122 100
105 124.1 105.5 145.5
77 93.9 75.1 115.1

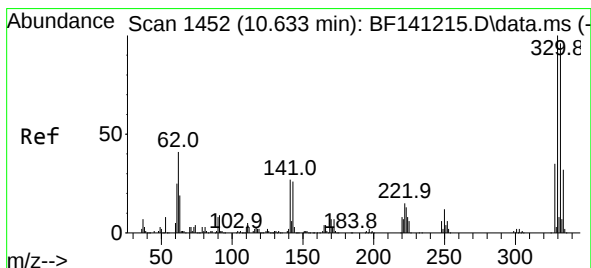
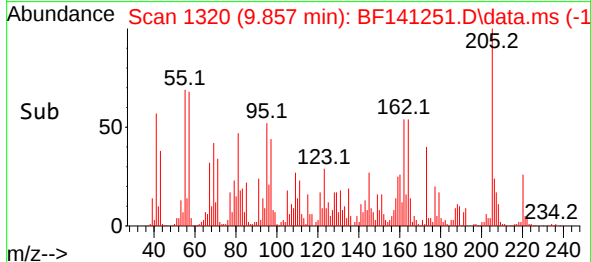
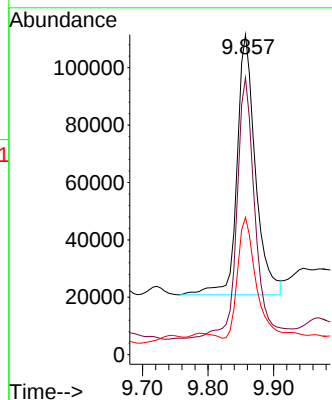
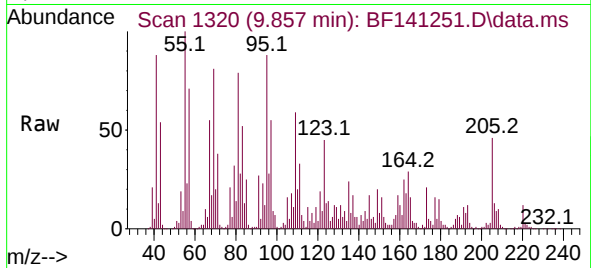




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

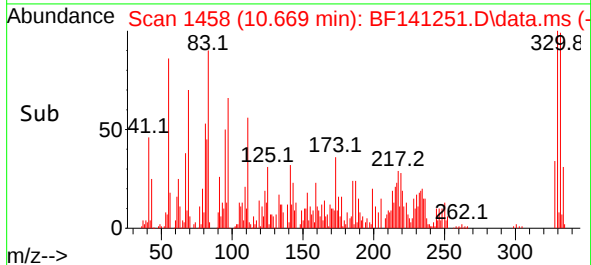
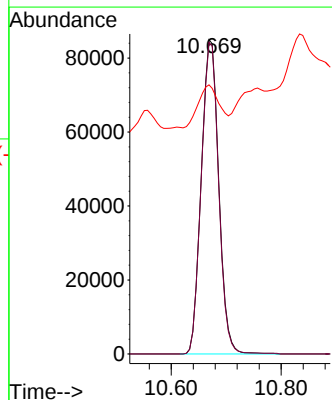
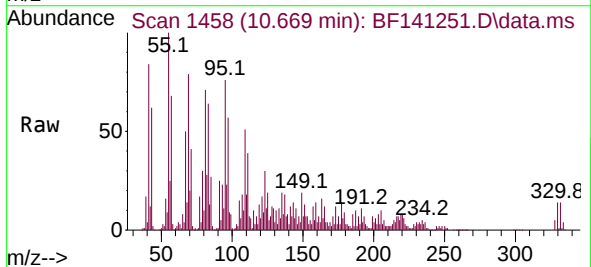
Instrument :
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ClientSampleId :
VNJ-220

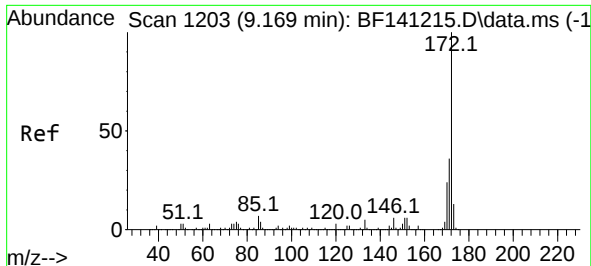
Tgt Ion:164 Resp: 177032
Ion Ratio Lower Upper
164 100
162 86.5 81.0 121.4
160 43.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 92.943 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.018 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Tgt Ion:330 Resp: 187481
Ion Ratio Lower Upper
330 100
332 98.5 76.9 115.3
141 12.9 25.2 37.8#

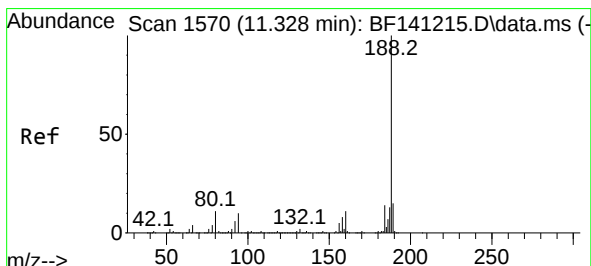
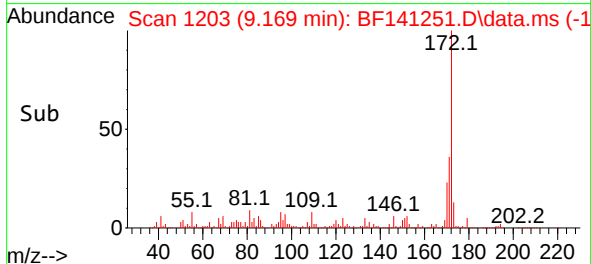
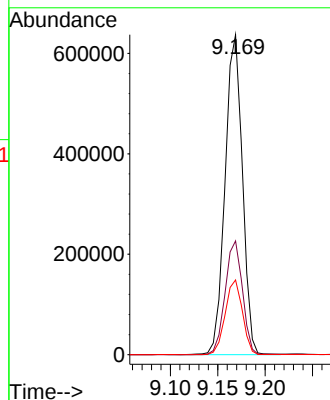
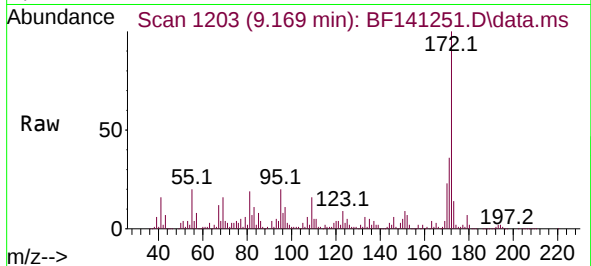




#45
2-Fluorobiphenyl
Concen: 70.148 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

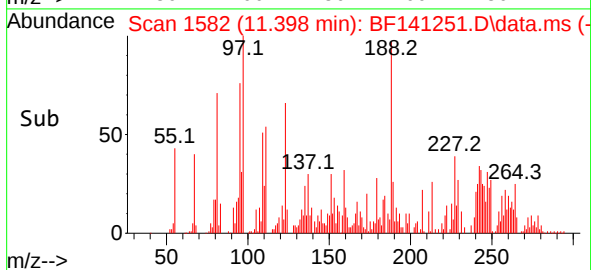
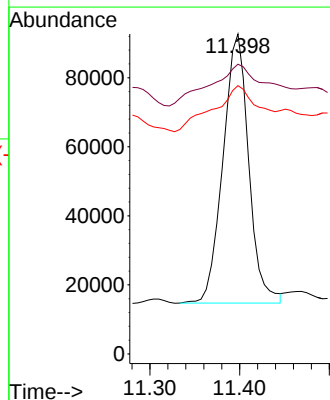
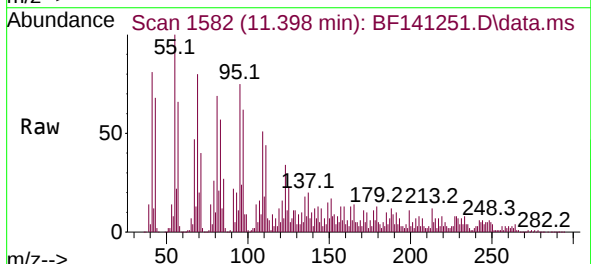
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VNJ-220

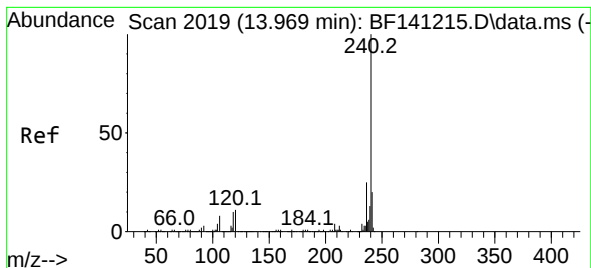
Tgt Ion:172 Resp: 813239
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.053 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Tgt Ion:188 Resp: 155127
Ion Ratio Lower Upper
188 100
94 90.5 8.3 12.5#
80 83.8 9.0 13.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF141251.D

Acq: 23 Jan 2025 15:49

Instrument :

BNA_F

ClientSampleId :

VNJ-220

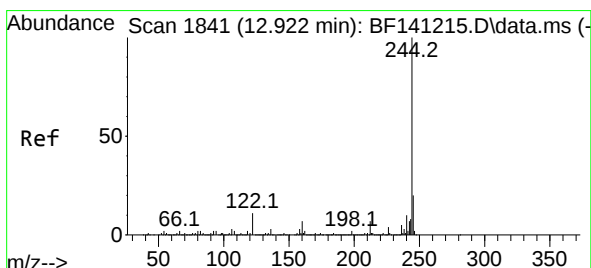
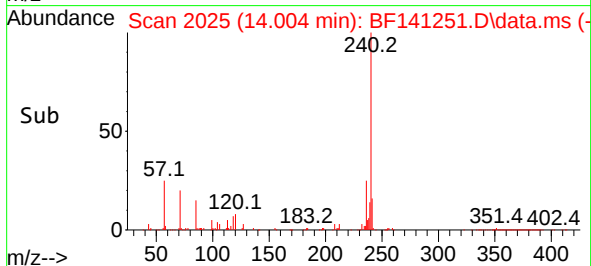
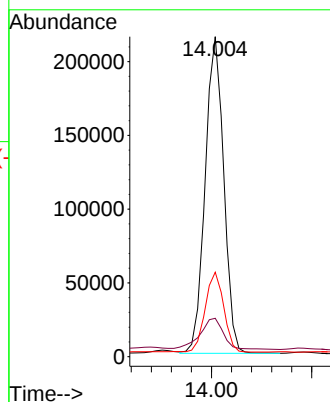
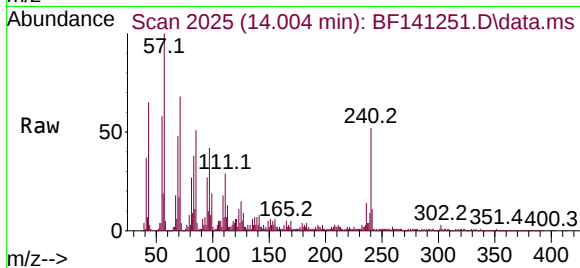
Tgt Ion:240 Resp: 276478

Ion Ratio Lower Upper

240 100

120 12.0 9.1 13.7

236 26.4 19.8 29.6



#79

Terphenyl-d14

Concen: 41.260 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.041 min

Lab File: BF141251.D

Acq: 23 Jan 2025 15:49

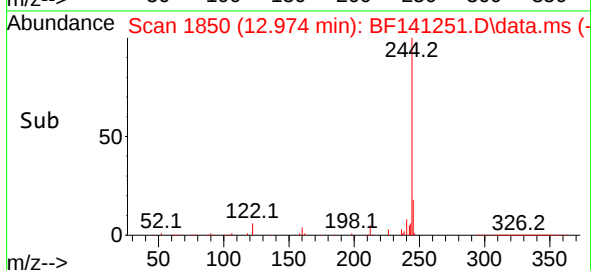
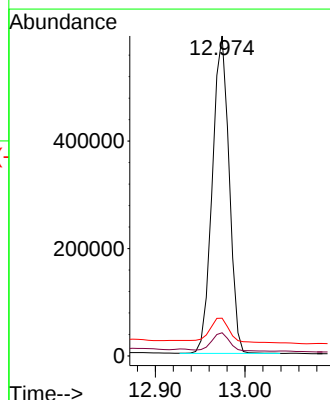
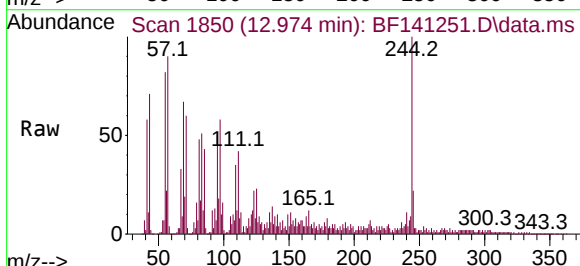
Tgt Ion:244 Resp: 767498

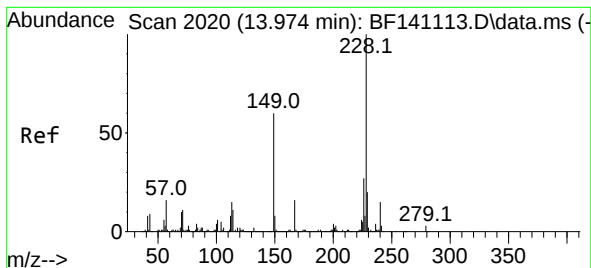
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 11.8 8.8 13.2

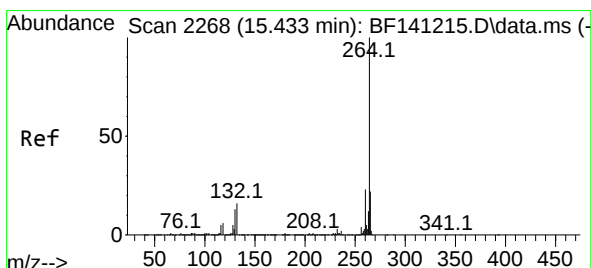
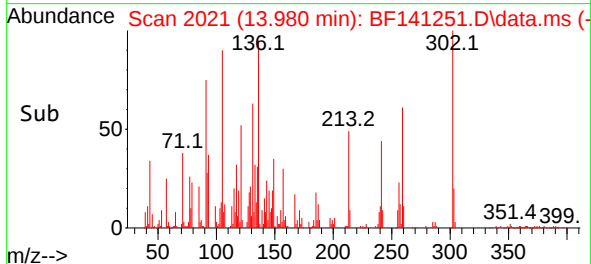
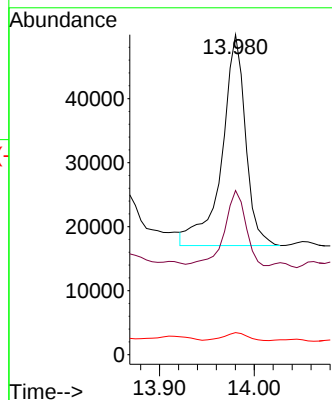
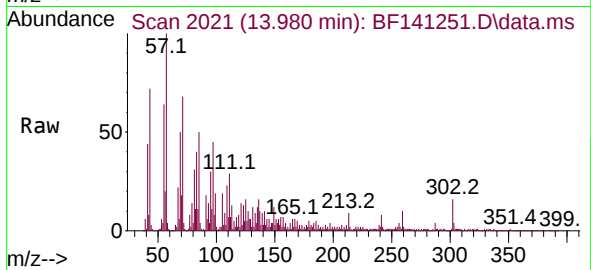




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.406 ng
RT: 13.980 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:149 Resp: 57109
Ion Ratio Lower Upper
149 100
167 51.3 21.4 32.2#
279 6.9 3.4 5.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.035 min
Lab File: BF141251.D
Acq: 23 Jan 2025 15:49

Tgt Ion:264 Resp: 330257
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.7 17.4 26.0

