

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141411.D
 Acq On : 04 Feb 2025 16:24
 Operator : RC/JU
 Sample : PB166525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166525BL

Quant Time: Feb 04 17:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

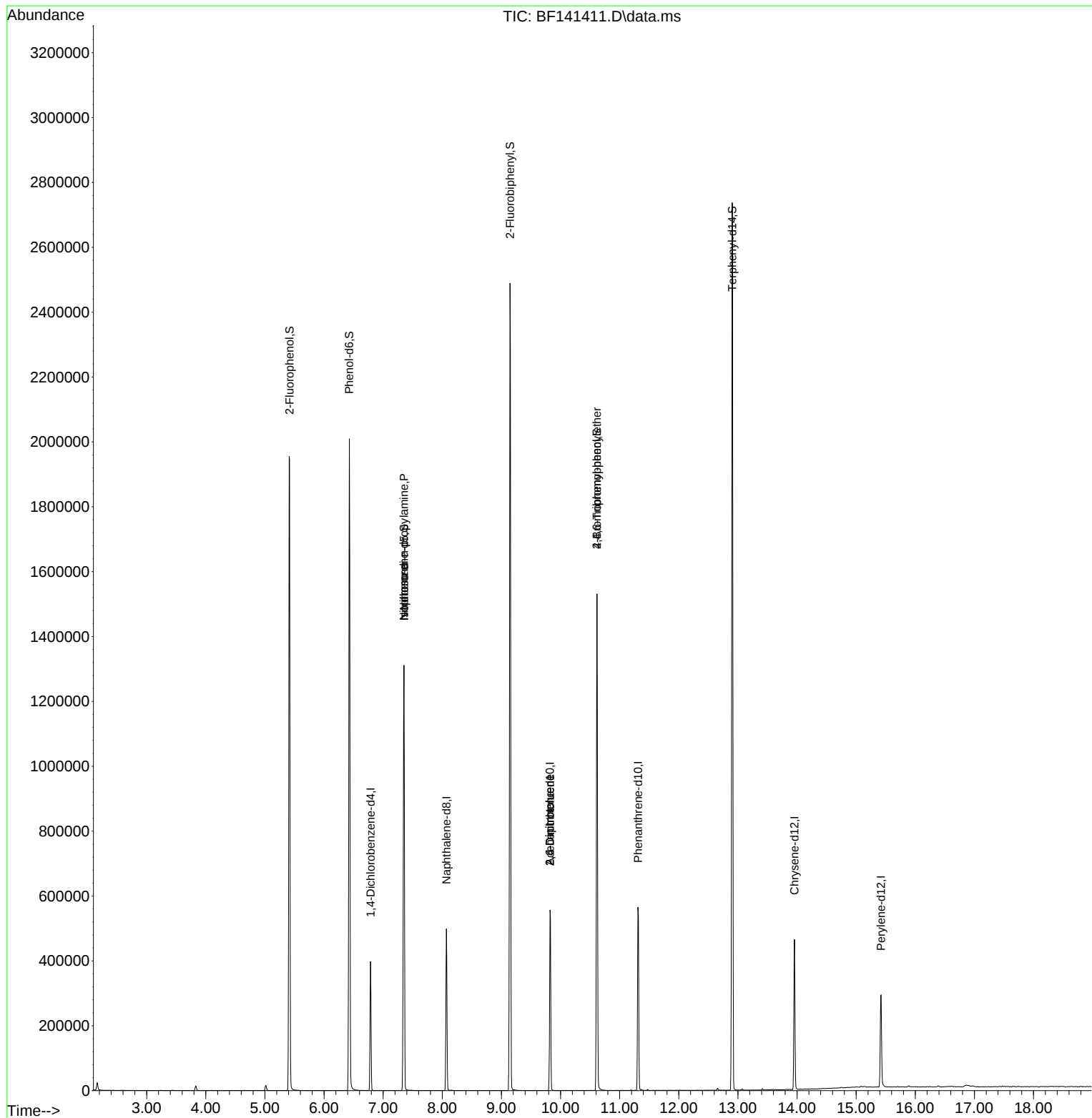
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	78469	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	309894	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	173241	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	294593	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	223390	20.000	ng	-0.02
86) Perylene-d12	15.421	264	179198	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	715608	140.005	ng	0.00
7) Phenol-d6	6.428	99	884403	136.015	ng	-0.01
23) Nitrobenzene-d5	7.351	82	594006	101.047	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	244246	153.786	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1118168	99.346	ng	-0.02
79) Terphenyl-d14	12.904	244	1352416	93.365	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	81391	21.066	ng	# 75
25) Isophorone	7.351	82	588931	57.957	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	21892	8.058	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	21892	6.224	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	16760	5.082	ng	# 1

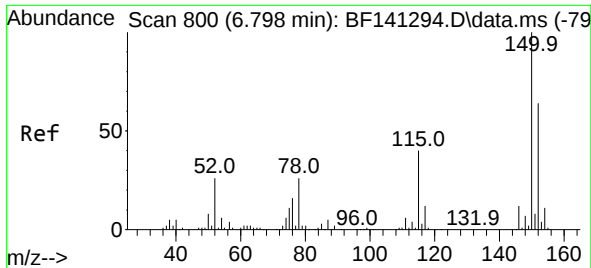
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 29 17:41:25 2025
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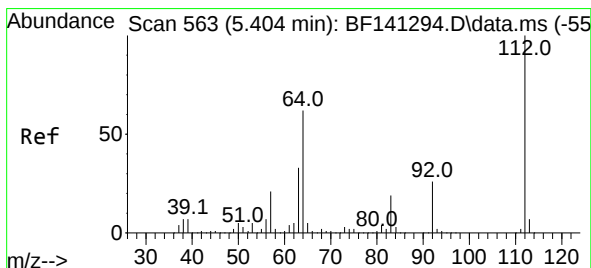
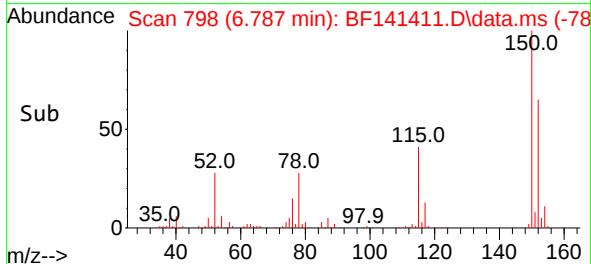
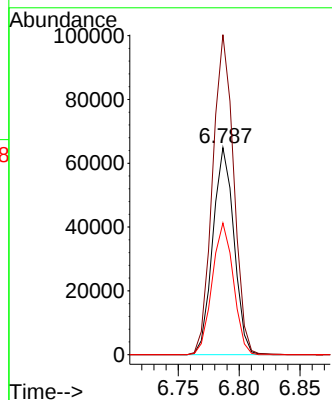
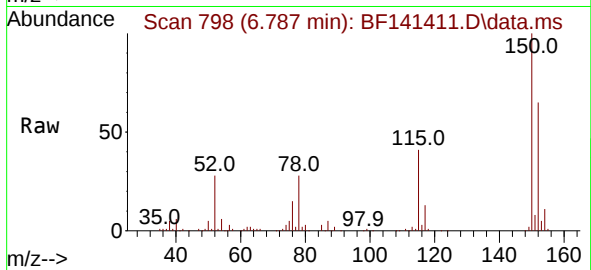




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141411.D
 Acq: 04 Feb 2025 16:24

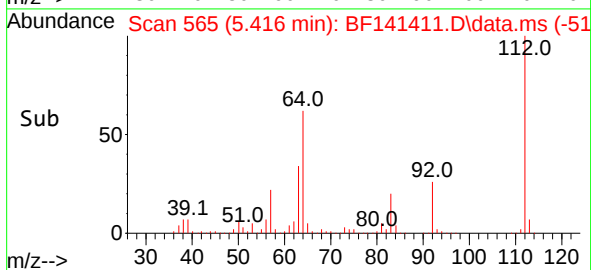
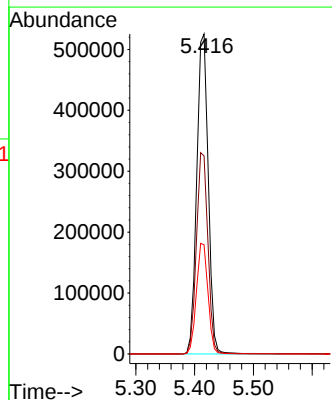
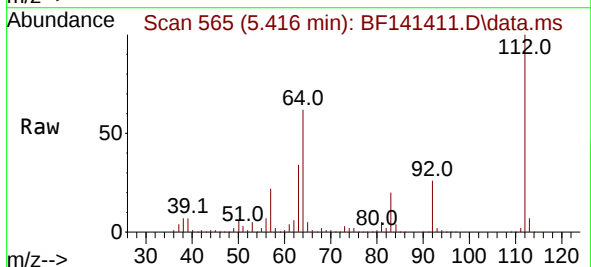
Instrument :
 BNA_F
 ClientSampleId :
 PB166525BL

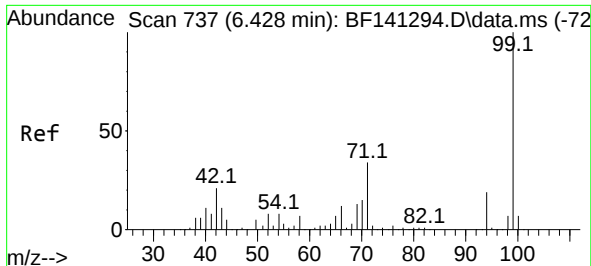
Tgt Ion:152 Resp: 78469
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 63.6 49.7 74.5



#5
 2-Fluorophenol
 Concen: 140.005 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141411.D
 Acq: 04 Feb 2025 16:24

Tgt Ion:112 Resp: 715608
 Ion Ratio Lower Upper
 112 100
 64 61.9 49.8 74.8
 63 34.1 26.1 39.1

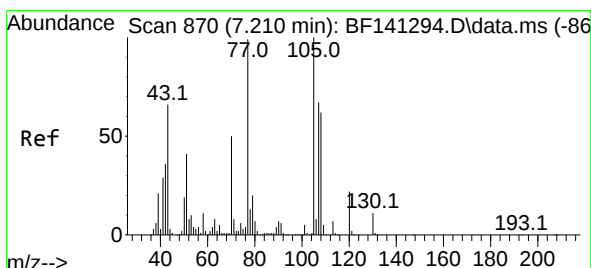
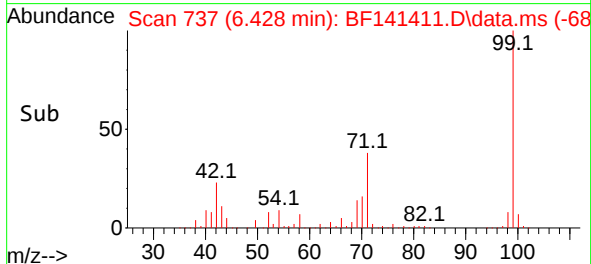
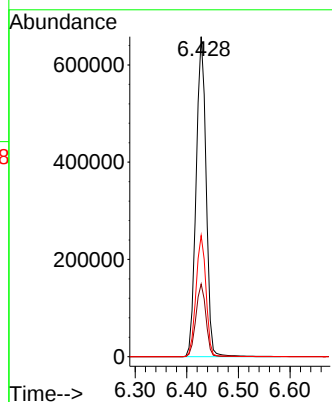
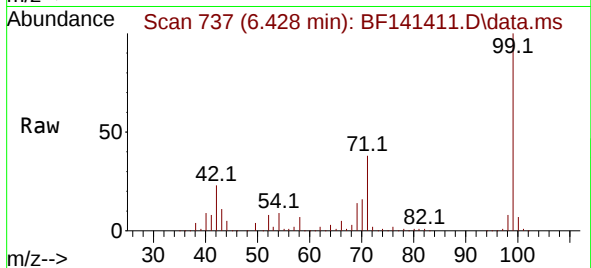




#7
Phenol-d6
Concen: 136.015 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

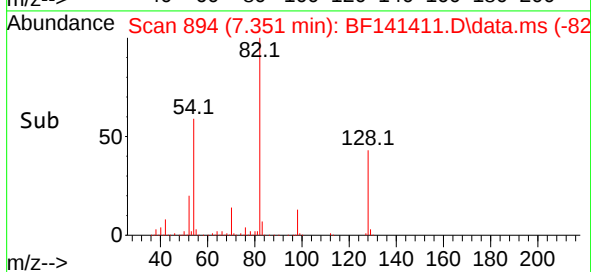
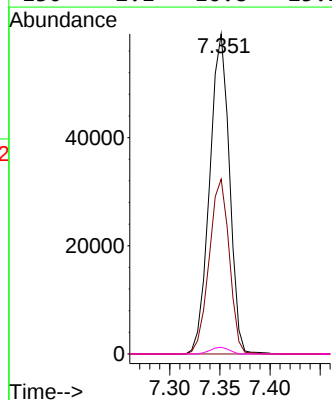
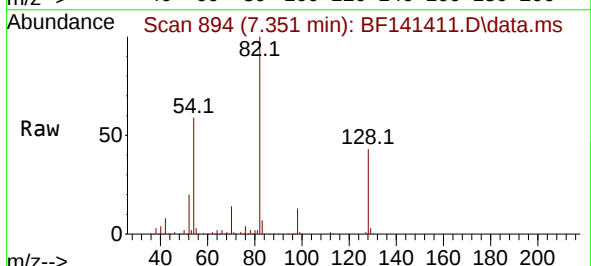
Instrument :
BNA_F
ClientSampleId :
PB166525BL

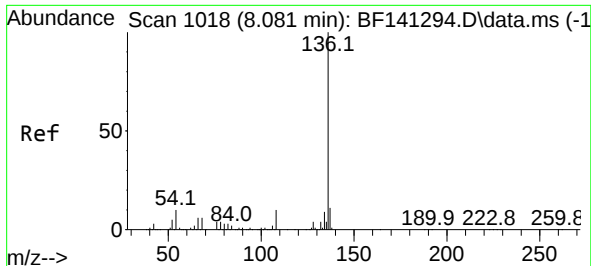
Tgt Ion: 99 Resp: 884403
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.066 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Tgt Ion: 70 Resp: 81391
Ion Ratio Lower Upper
70 100
42 54.7 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



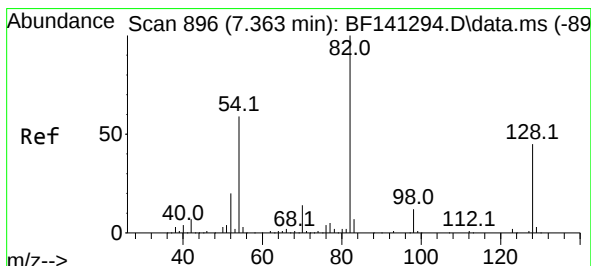
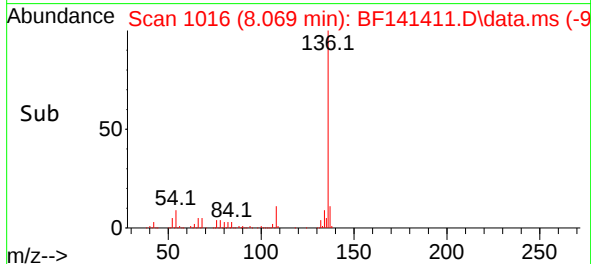
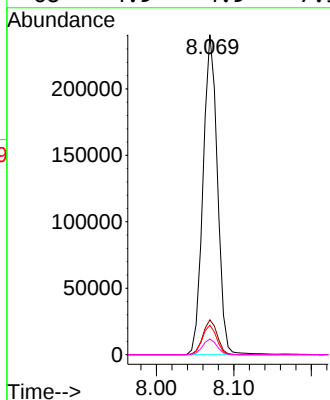
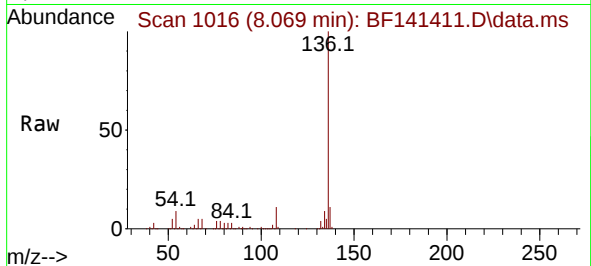


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB166525BL

Tgt Ion:136 Resp: 309894

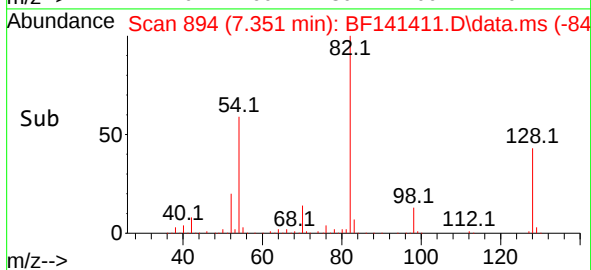
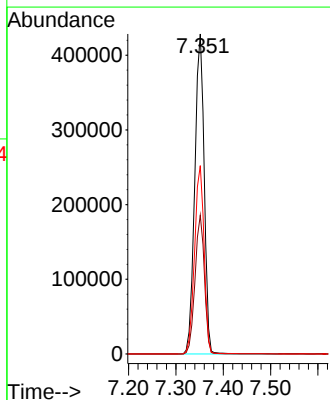
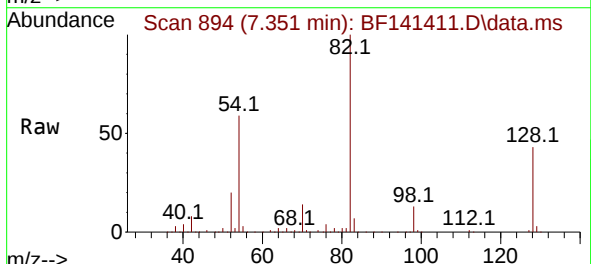
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.2	7.8	11.8
68	4.9	4.9	7.3

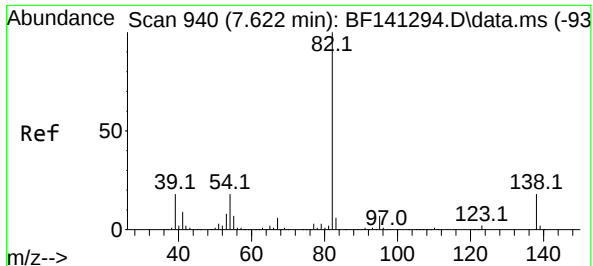


#23
Nitrobenzene-d5
Concen: 101.047 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Tgt Ion: 82 Resp: 594006

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	58.8	47.1	70.7

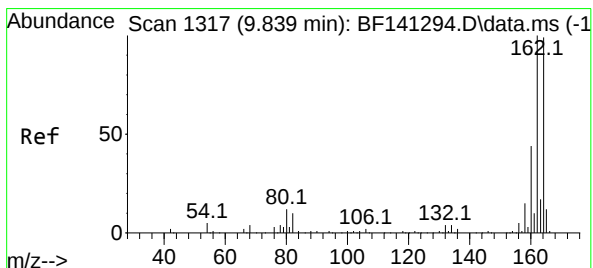
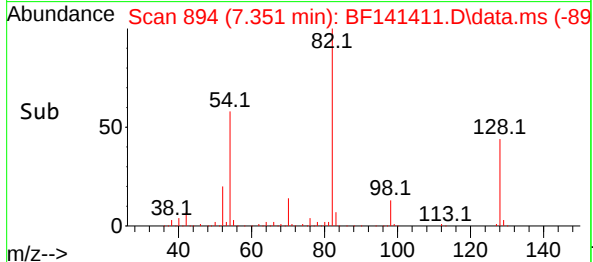
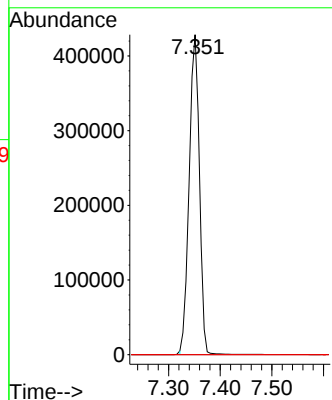
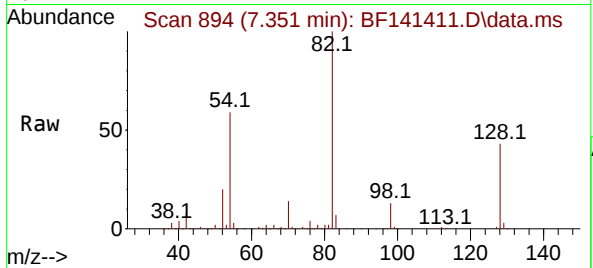




#25
Isophorone
Concen: 57.957 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

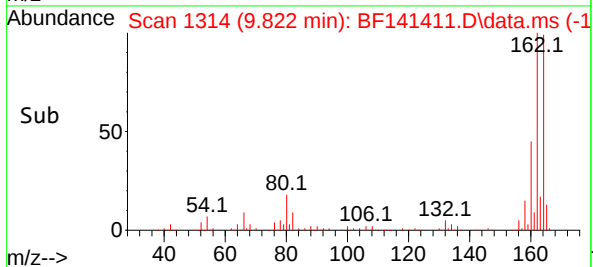
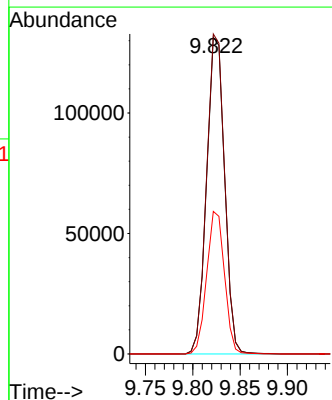
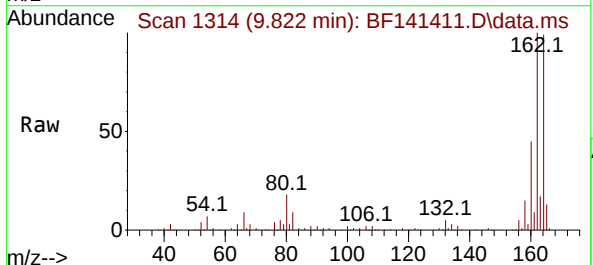
Instrument :
BNA_F
ClientSampleId :
PB166525BL

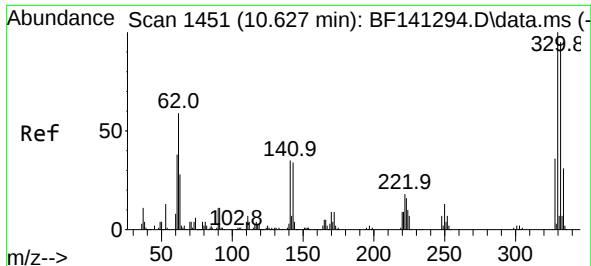
Tgt Ion: 82 Resp: 588931
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Tgt Ion: 164 Resp: 173241
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 153.786 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141411.D

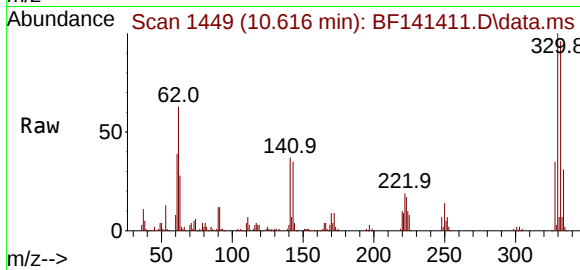
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Instrument :

BNA_F

ClientSampleId :

PB166525BL



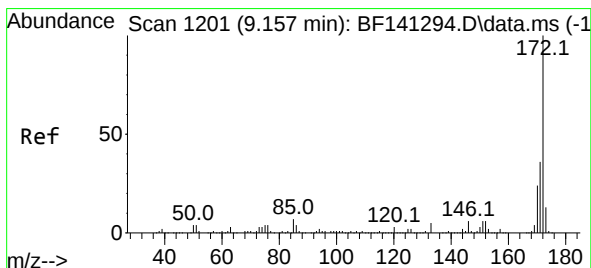
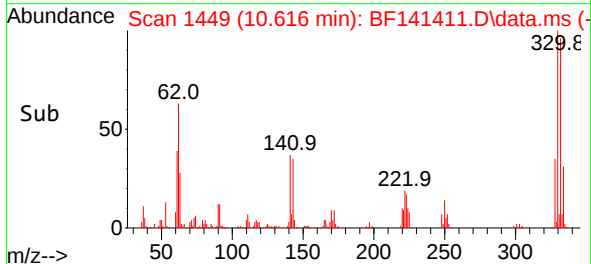
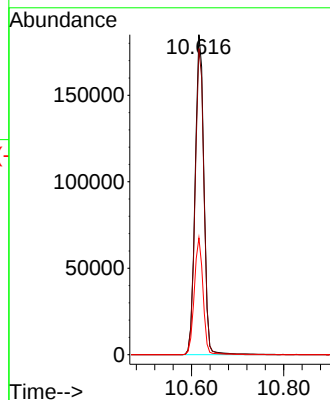
Tgt Ion:330 Resp: 244246

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

141 36.3 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 99.346 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141411.D

Acq: 04 Feb 2025 16:24

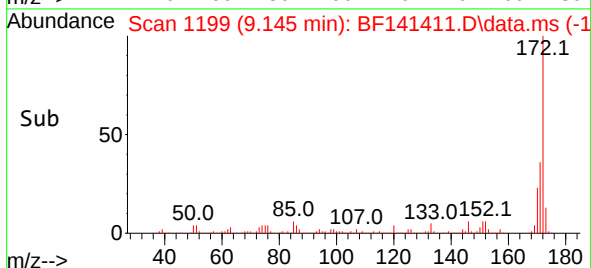
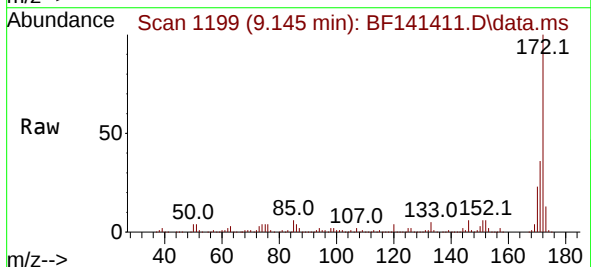
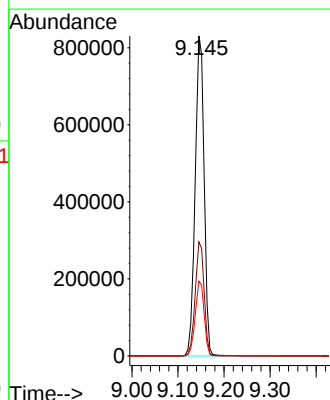
Tgt Ion:172 Resp: 1118168

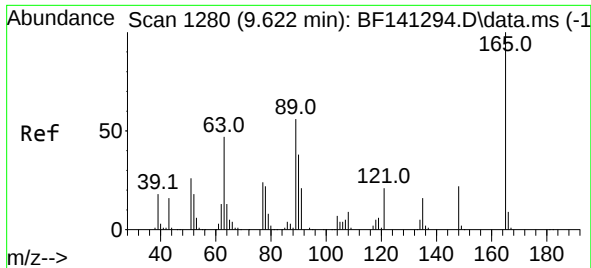
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 19.0 28.6

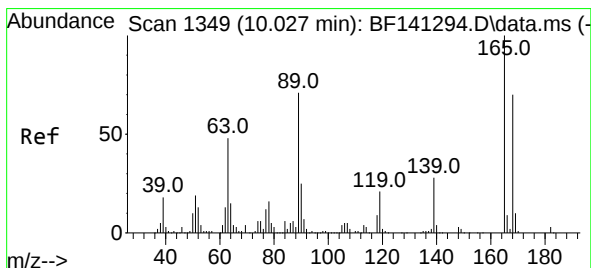
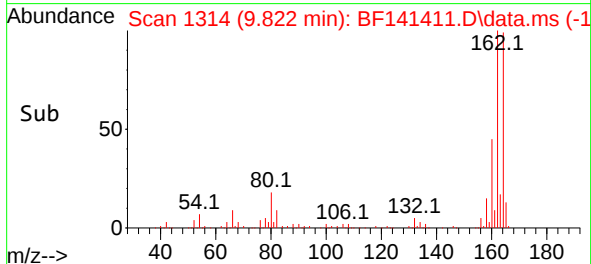
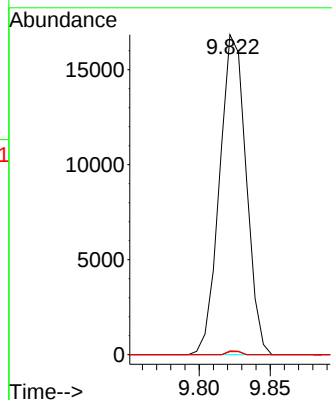
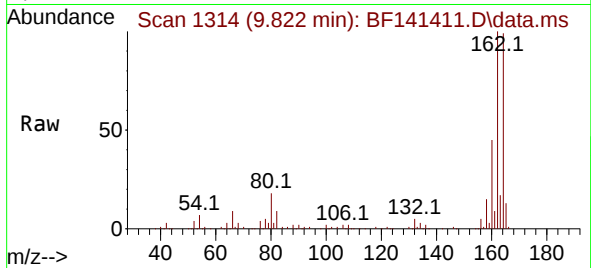




#51
2,6-Dinitrotoluene
Concen: 8.058 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

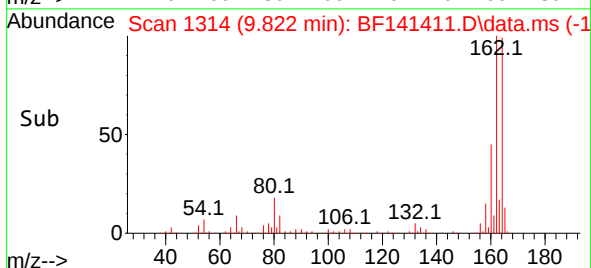
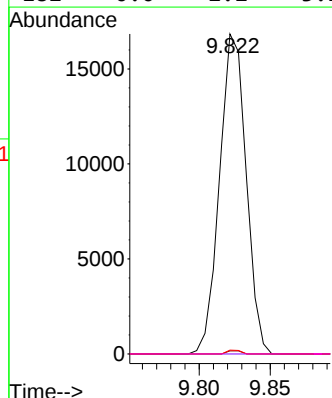
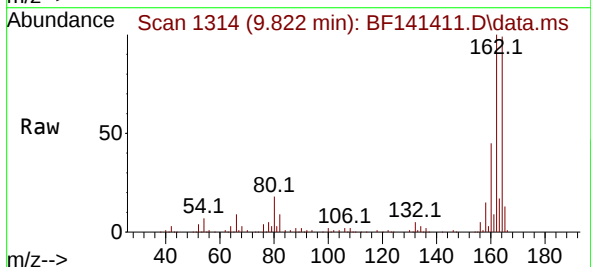
Instrument :
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ClientSampleId :
PB166525BL

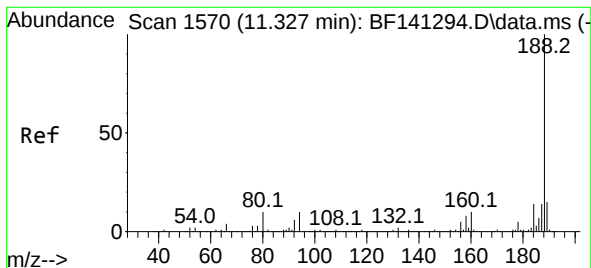
Tgt Ion:165 Resp: 21892
Ion Ratio Lower Upper
165 100
63 0.9 48.1 72.1#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.224 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Tgt Ion:165 Resp: 21892
Ion Ratio Lower Upper
165 100
63 0.9 39.2 58.8#
89 1.2 56.9 85.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141411.D

Acq: 04 Feb 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB166525BL

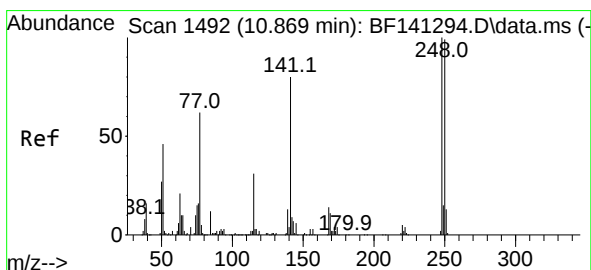
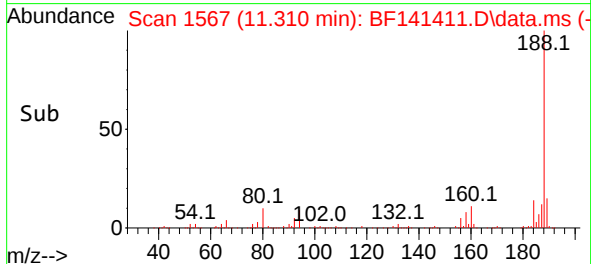
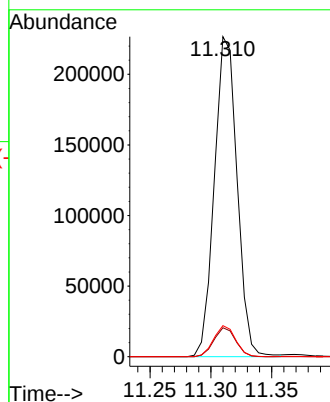
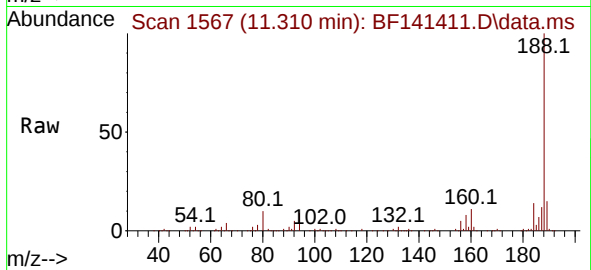
Tgt Ion:188 Resp: 294593

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.6

80 9.7 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 5.082 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.259 min

Lab File: BF141411.D

Acq: 04 Feb 2025 16:24

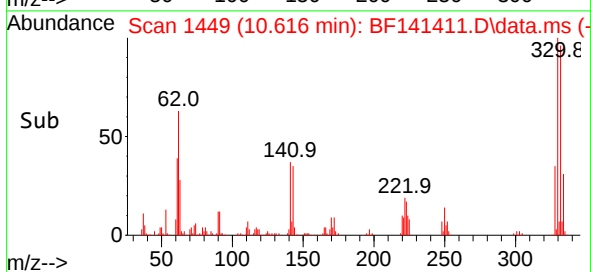
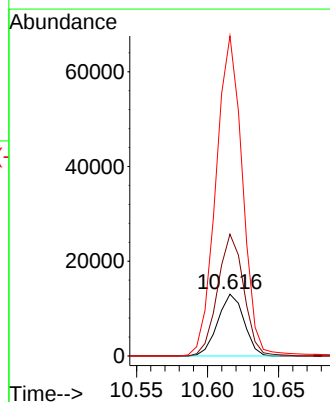
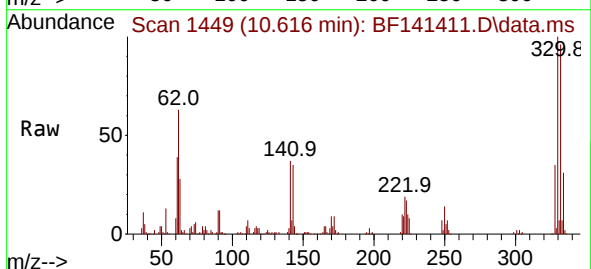
Tgt Ion:248 Resp: 16760

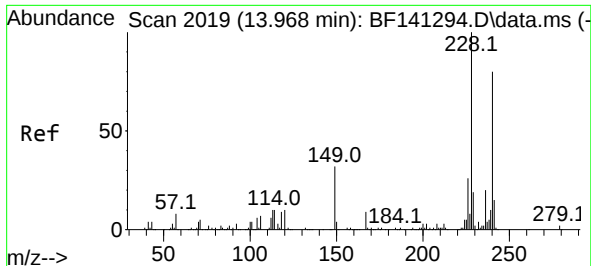
Ion Ratio Lower Upper

248 100

250 197.0 79.0 118.4#

141 517.8 63.7 95.5#

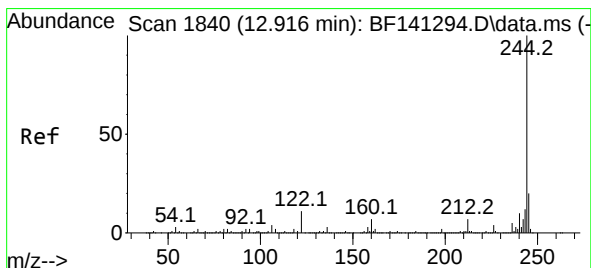
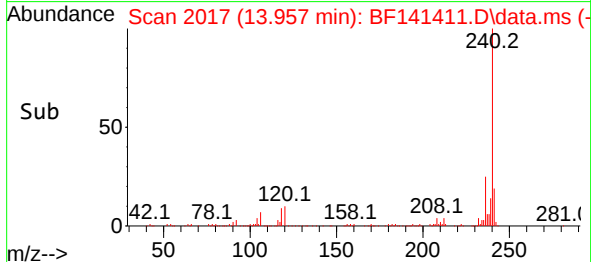
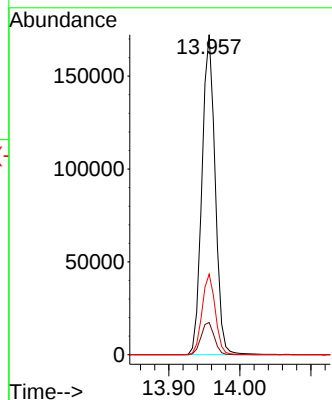
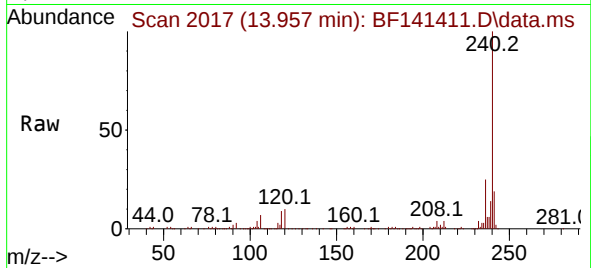




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

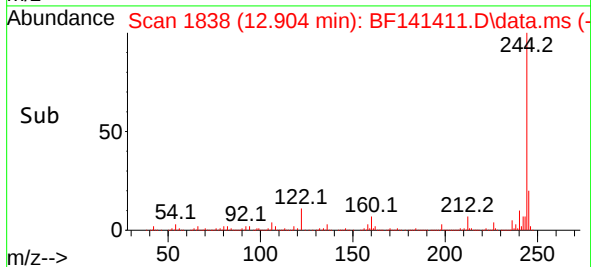
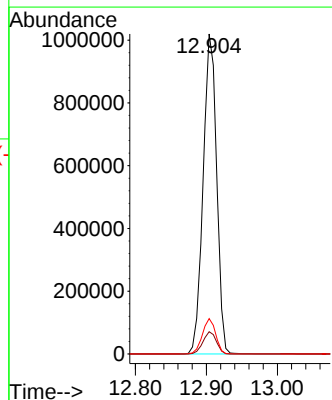
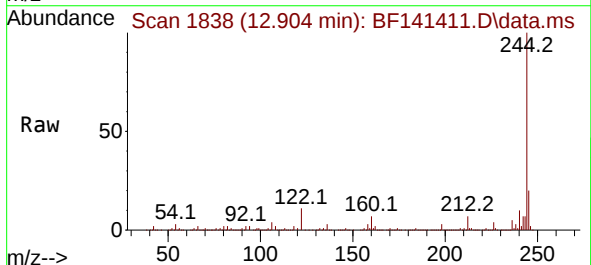
Instrument :
BNA_F
ClientSampleId :
PB166525BL

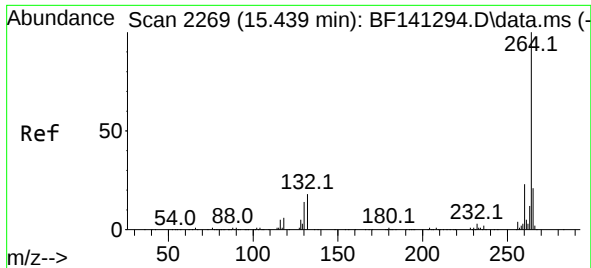
Tgt Ion:240 Resp: 223390
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.1 19.7 29.5



#79
Terphenyl-d14
Concen: 93.365 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

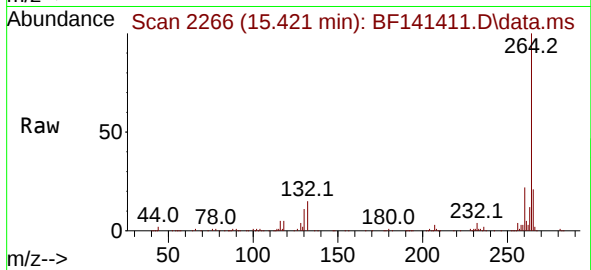
Tgt Ion:244 Resp: 1352416
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141411.D
Acq: 04 Feb 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB166525BL



Tgt Ion:264 Resp: 179198

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.6	27.8
265	20.7	16.7	25.1

