

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135129.D
 Acq On : 07 Sep 2023 12:09
 Operator : CG\JU
 Sample : 04264-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206

Quant Time: Sep 07 12:41:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

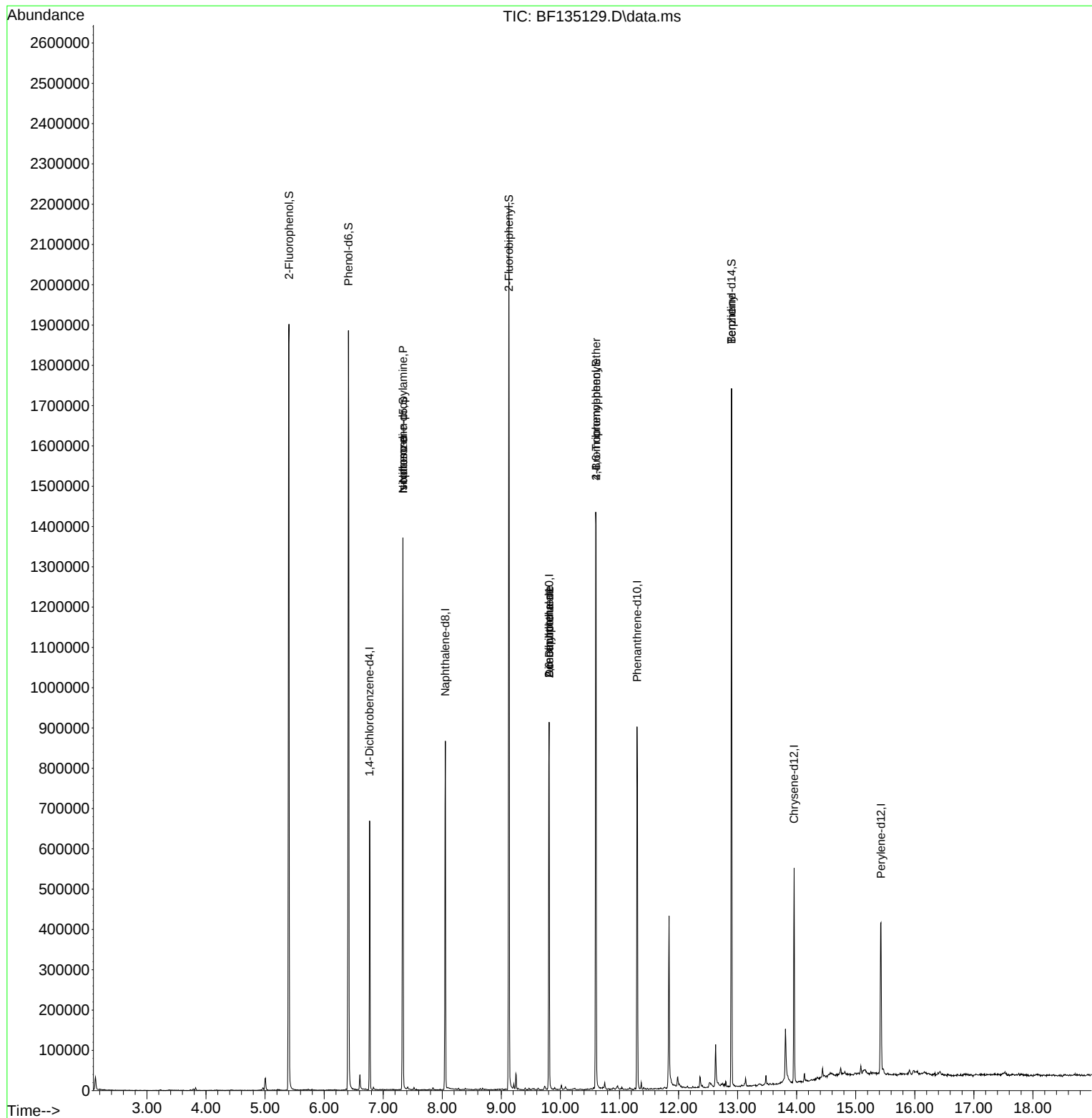
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	89887	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	364777	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	187961	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	325375	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	166447	20.000	ng	0.00
86) Perylene-d12	15.427	264	178645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	534537	91.855	ng	0.00
7) Phenol-d6	6.410	99	651889	89.873	ng	0.00
23) Nitrobenzene-d5	7.334	82	401735	61.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	179343	89.947	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	653091	56.570	ng	-0.01
79) Terphenyl-d14	12.898	244	543724	53.308	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	54883	12.738	ng	# 77
25) Isophorone	7.334	82	401798	32.639	ng	# 65
50) Dimethylphthalate	9.810	163	37456	2.846	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	24110	8.349	ng	# 22
67) 4-Bromophenyl-phenylether	10.604	248	11939	3.459	ng	# 1
77) Benzidine	12.898	184	7260	2.420	ng	# 94

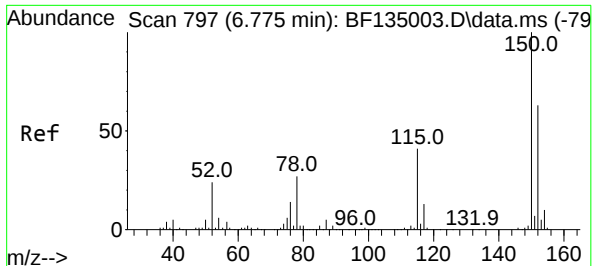
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 12:41:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

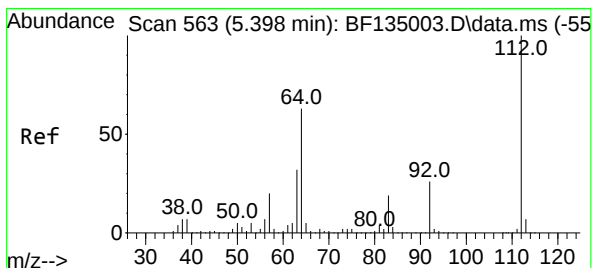
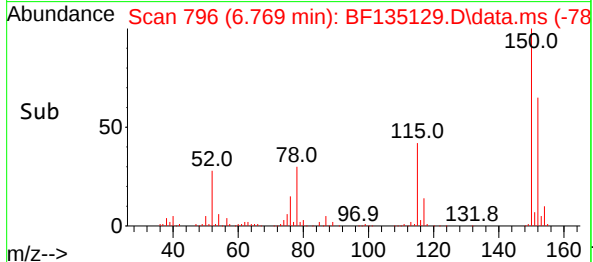
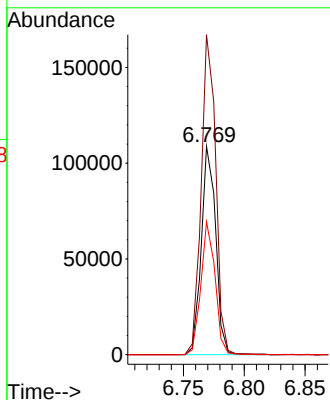
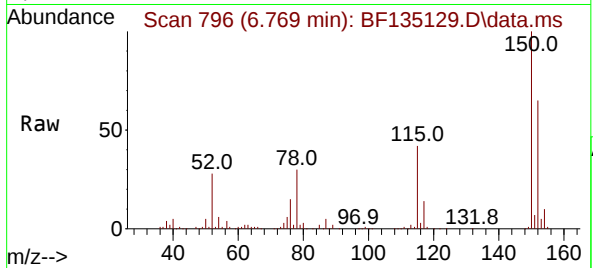




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

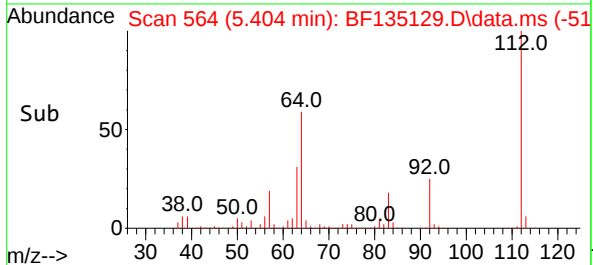
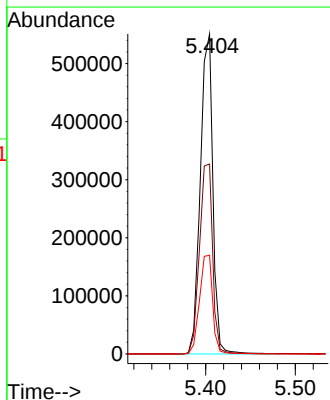
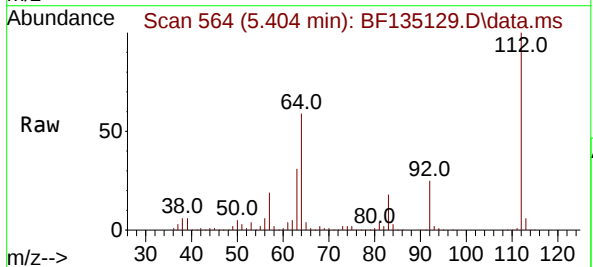
Instrument :
BNA_F
ClientSampleId :
VNJ-206

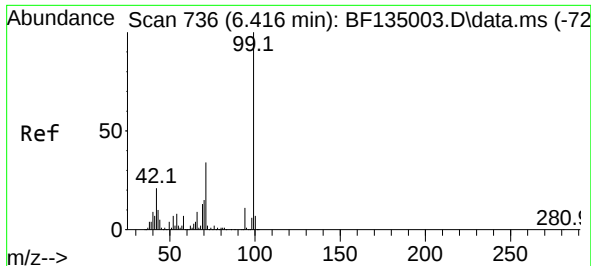
Tgt Ion:152 Resp: 89887
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.4
115 63.8 51.2 76.8



#5
2-Fluorophenol
Concen: 91.855 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion:112 Resp: 534537
Ion Ratio Lower Upper
112 100
64 59.4 50.5 75.7
63 30.9 25.9 38.9

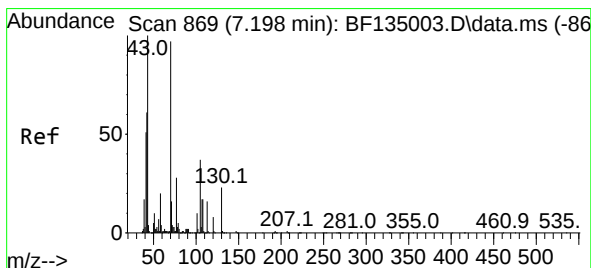
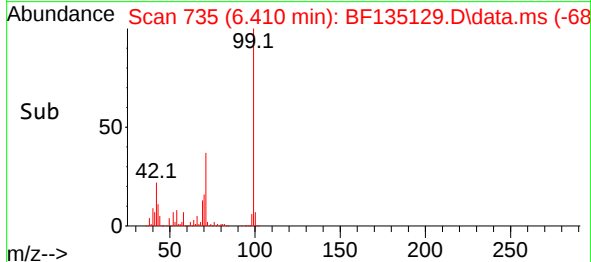
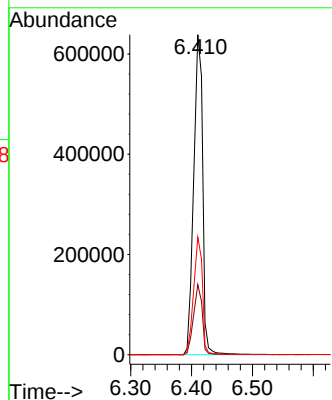
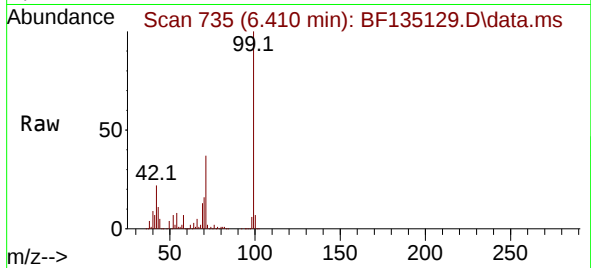




#7
Phenol-d6
Concen: 89.873 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

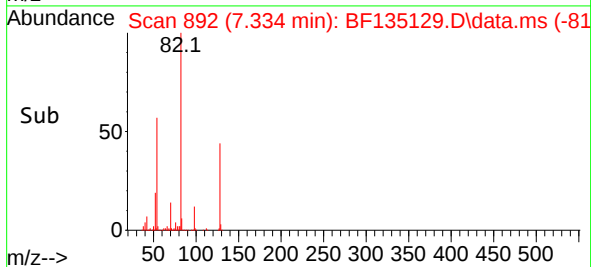
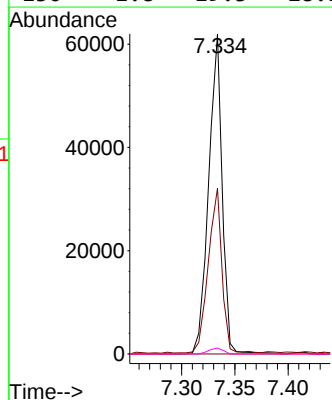
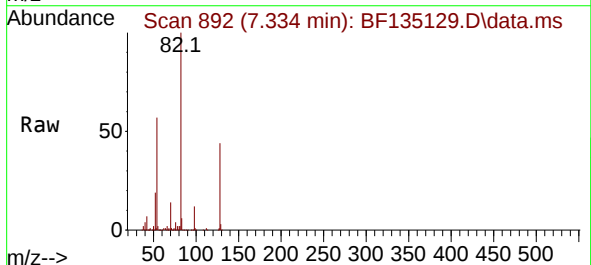
Instrument :
BNA_F
ClientSampleId :
VNJ-206

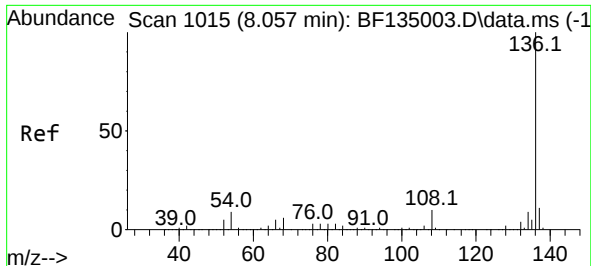
Tgt Ion: 99 Resp: 651889
Ion Ratio Lower Upper
99 100
42 21.9 16.6 25.0
71 36.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.738 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion: 70 Resp: 54883
Ion Ratio Lower Upper
70 100
42 51.8 50.2 75.4
101 0.0 8.1 12.1#
130 1.8 19.3 28.9#

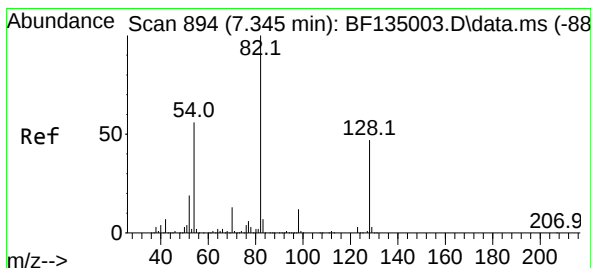
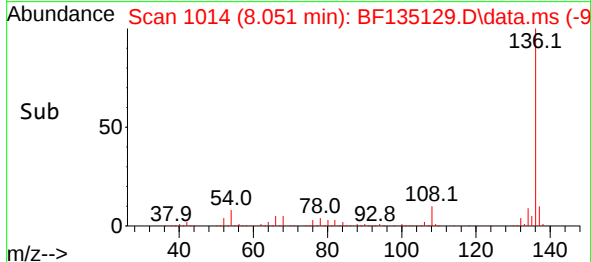
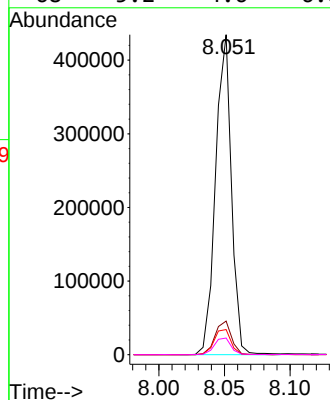
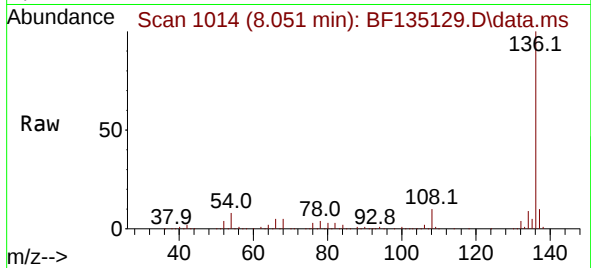




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

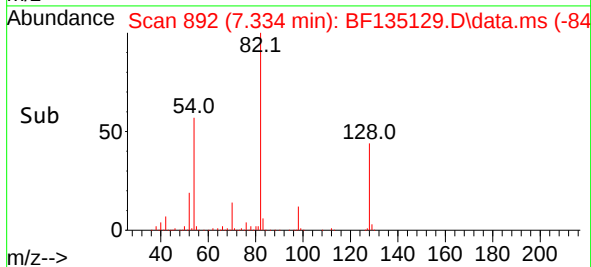
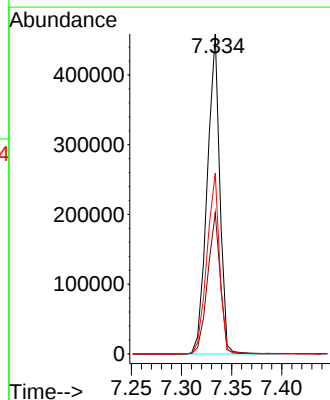
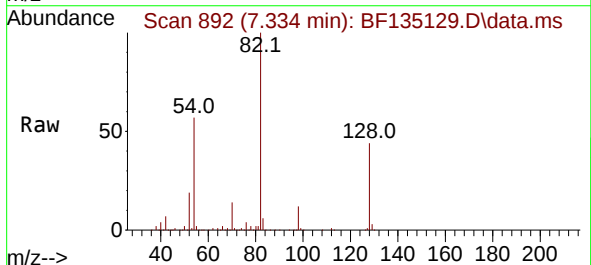
Instrument :
BNA_F
ClientSampleId :
VNJ-206

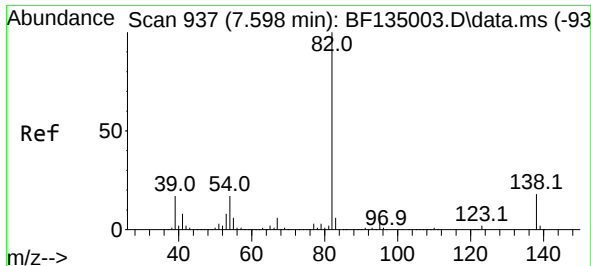
Tgt Ion:136	Resp: 364777
Ion Ratio	Lower Upper
136	100
137	10.5 8.8 13.2
54	7.9 7.0 10.4
68	5.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 61.873 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion: 82	Resp: 401735
Ion Ratio	Lower Upper
82	100
128	44.2 37.8 56.8
54	56.5 45.0 67.6

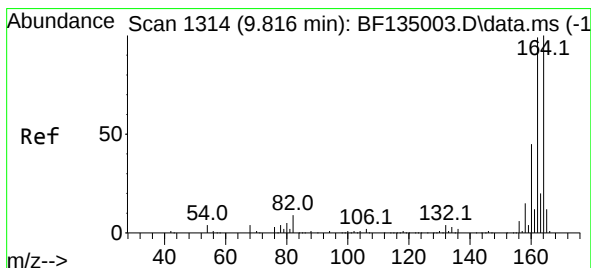
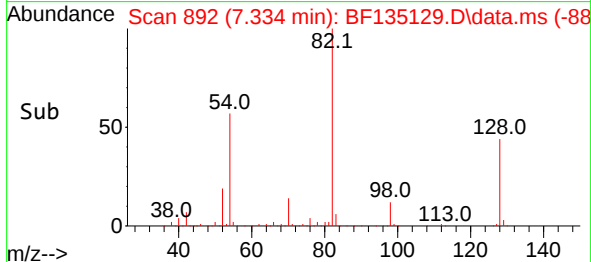
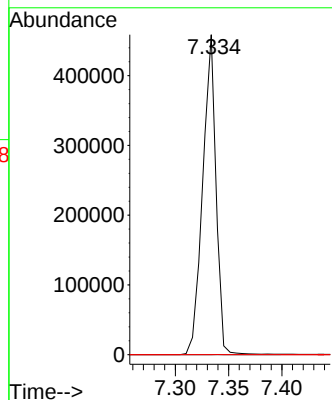
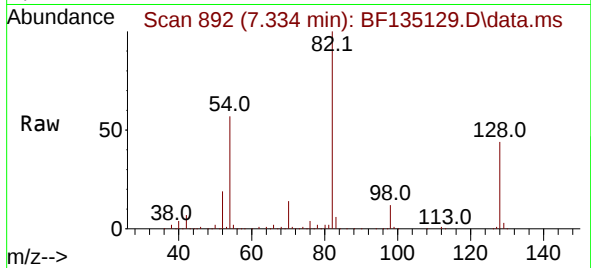




#25
Isophorone
Concen: 32.639 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

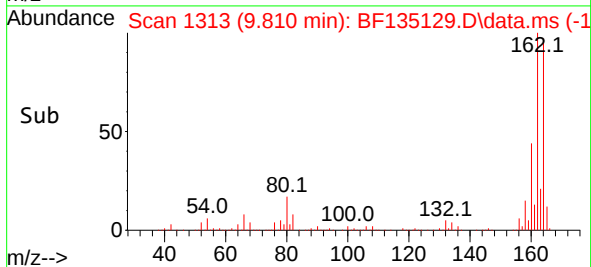
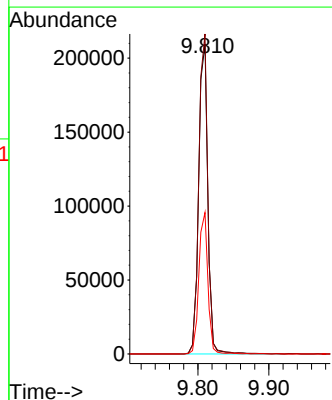
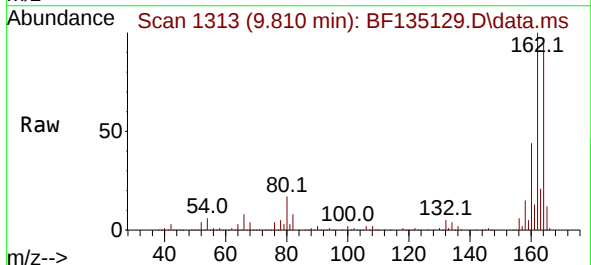
Instrument :
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ClientSampleId :
VNJ-206

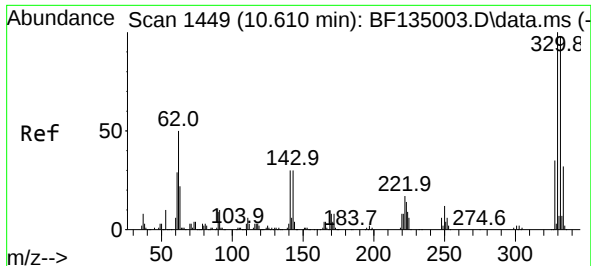
Tgt Ion: 82 Resp: 401798
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion: 164 Resp: 187961
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 45.6 36.0 54.0

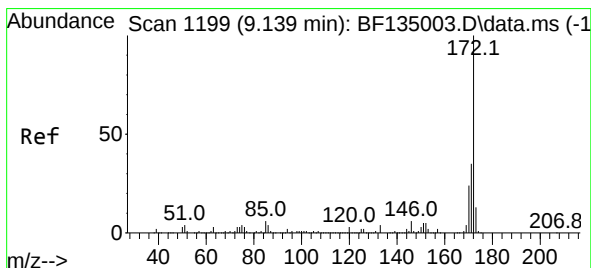
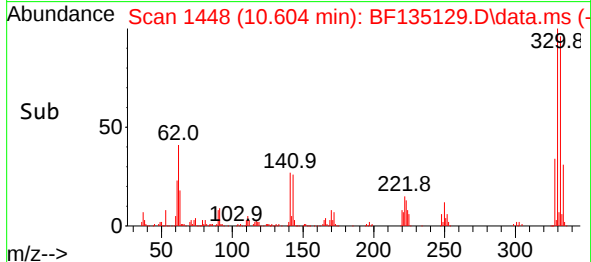
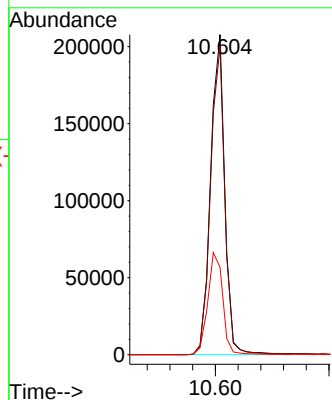
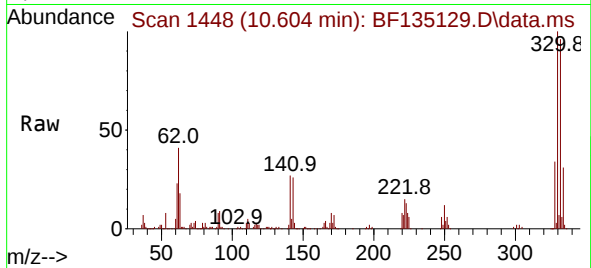




#42
2,4,6-Tribromophenol
Concen: 89.947 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

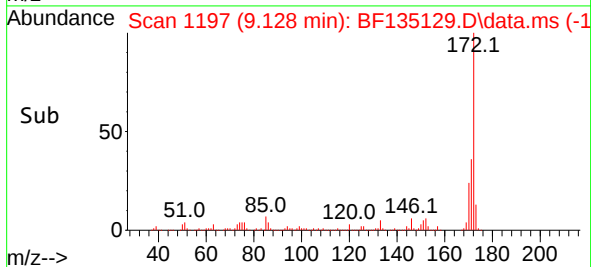
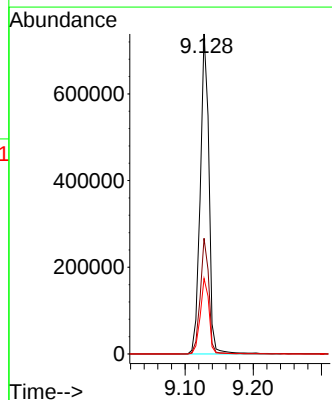
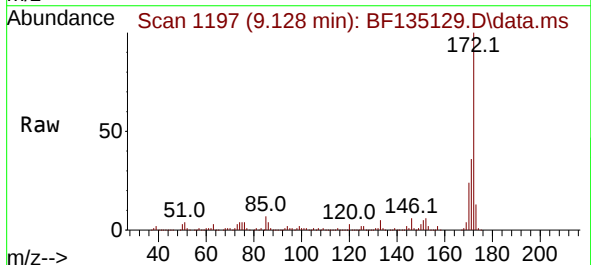
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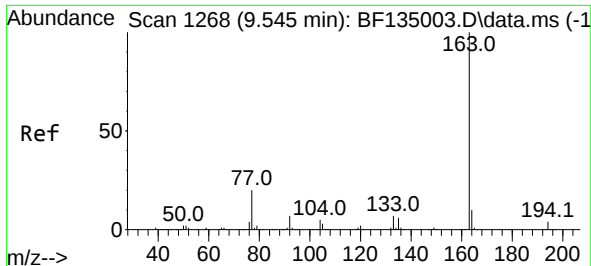
Tgt Ion:330 Resp: 179343
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 33.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 56.570 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion:172 Resp: 653091
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 23.6 19.0 28.4

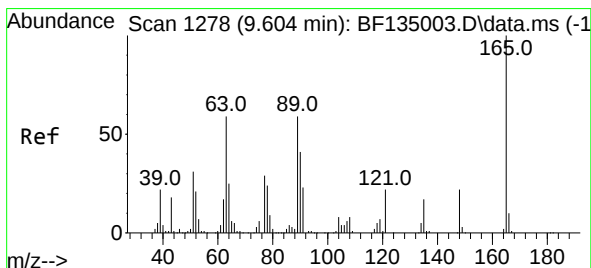
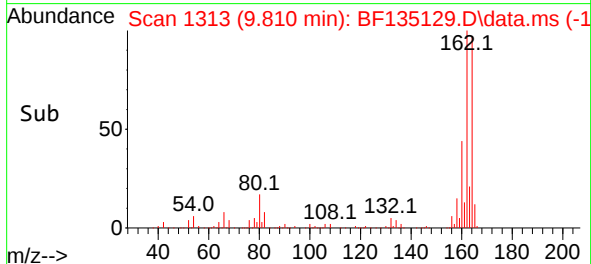
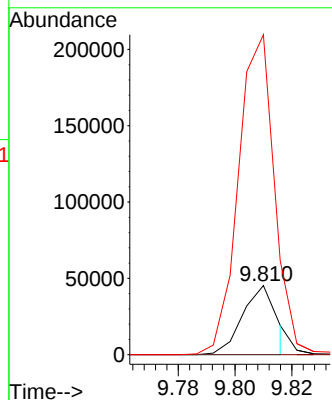
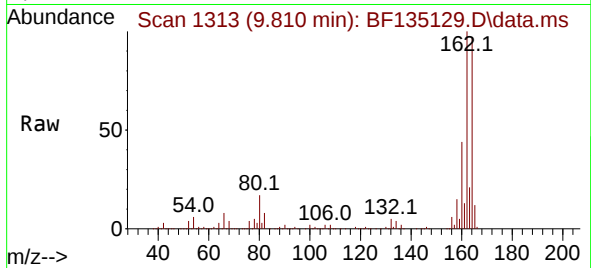




#50
Dimethylphthalate
Concen: 2.846 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

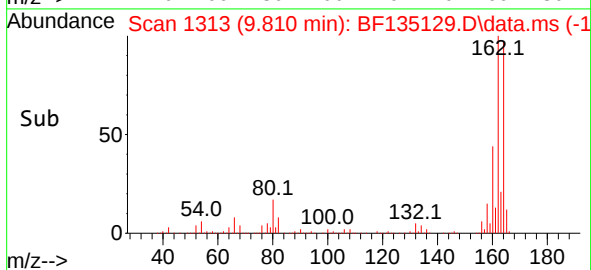
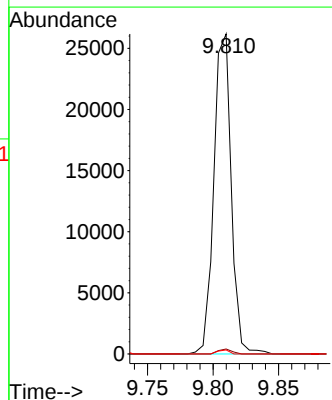
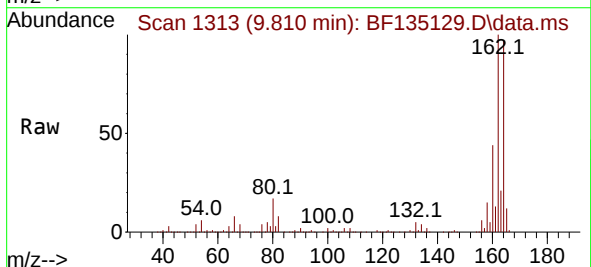
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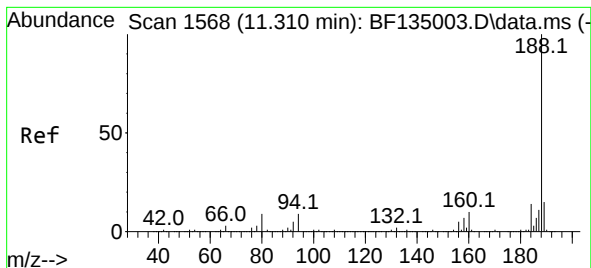
Tgt Ion:163 Resp: 37456
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 463.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.349 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135129.D
Acq: 07 Sep 2023 12:09

Tgt Ion:165 Resp: 24110
Ion Ratio Lower Upper
165 100
63 1.6 50.4 75.6#
89 1.2 47.1 70.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135129.D

Acq: 07 Sep 2023 12:09

Instrument :

BNA_F

ClientSampleId :

VNJ-206

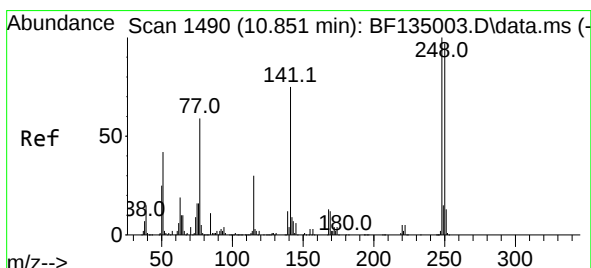
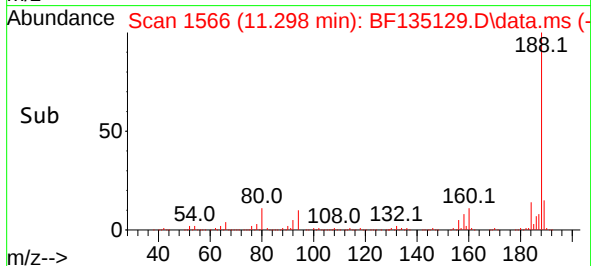
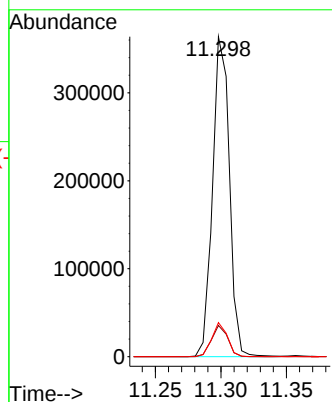
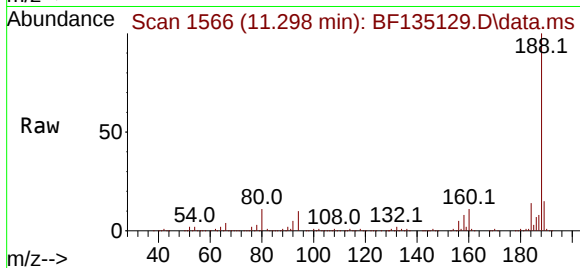
Tgt Ion:188 Resp: 325375

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.7 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 3.459 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF135129.D

Acq: 07 Sep 2023 12:09

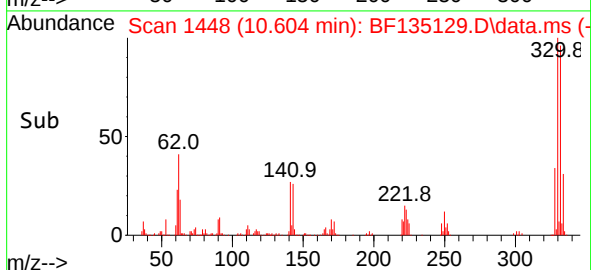
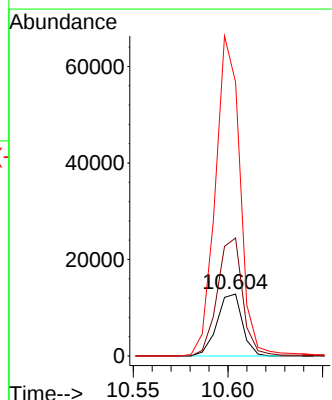
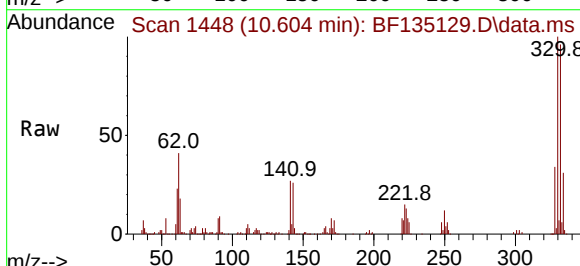
Tgt Ion:248 Resp: 11939

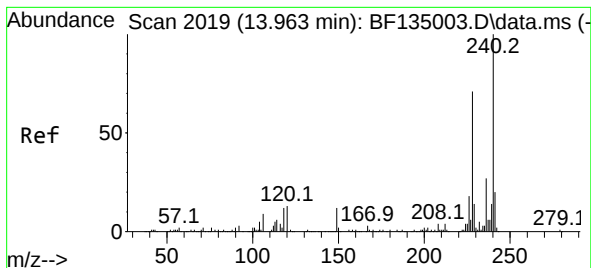
Ion Ratio Lower Upper

248 100

250 190.3 77.9 116.9#

141 442.2 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135129.D

Acq: 07 Sep 2023 12:09

Instrument :

BNA_F

ClientSampleId :

VNJ-206

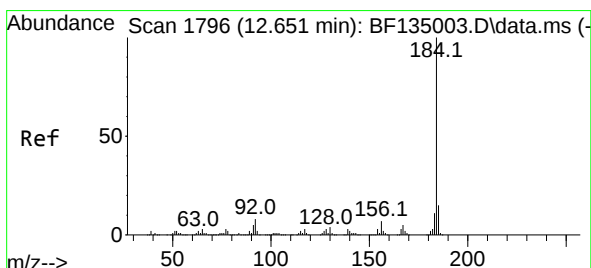
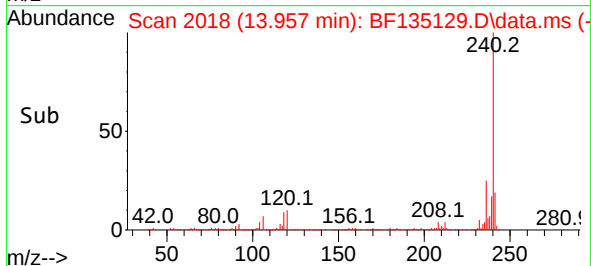
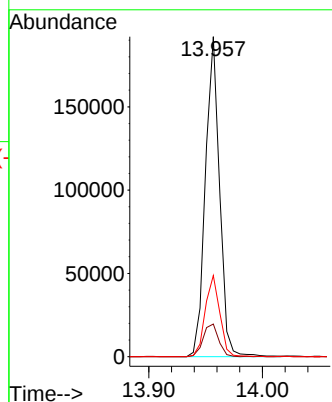
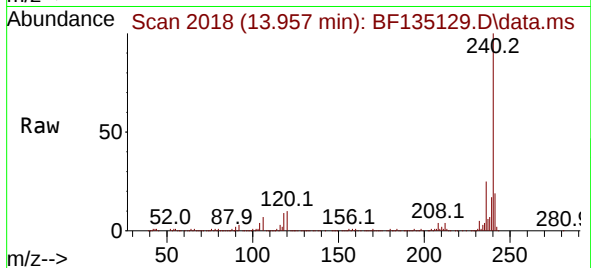
Tgt Ion:240 Resp: 166447

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.2

236 25.4 21.3 31.9



#77

Benzidine

Concen: 2.420 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135129.D

Acq: 07 Sep 2023 12:09

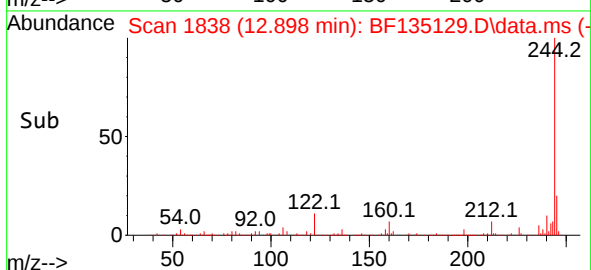
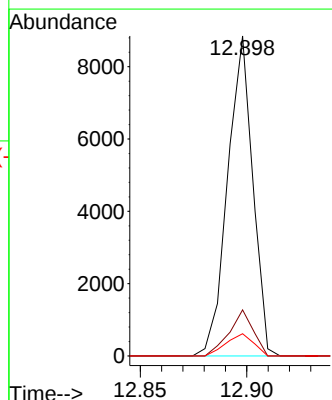
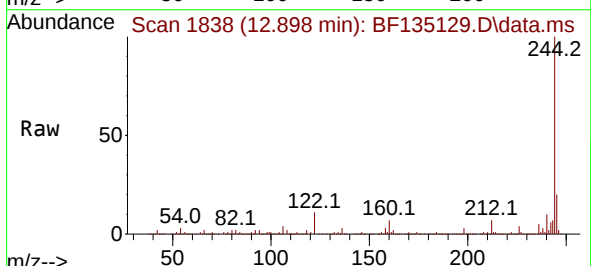
Tgt Ion:184 Resp: 7260

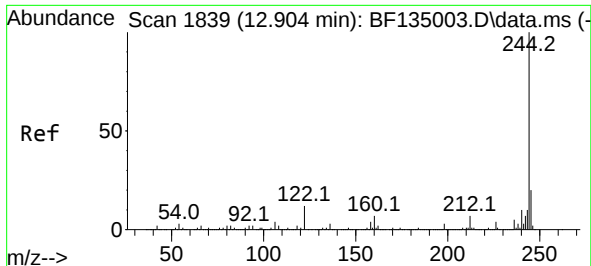
Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

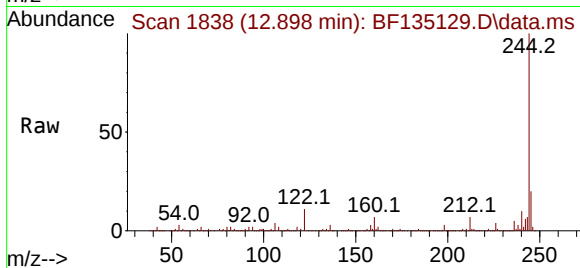
183 6.9 9.0 13.6#



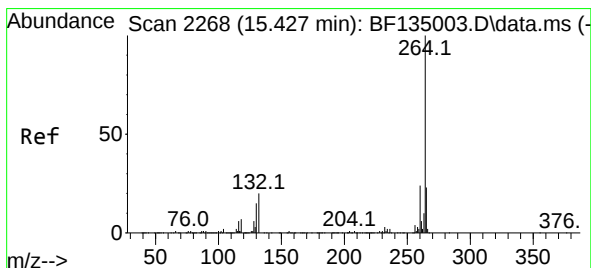
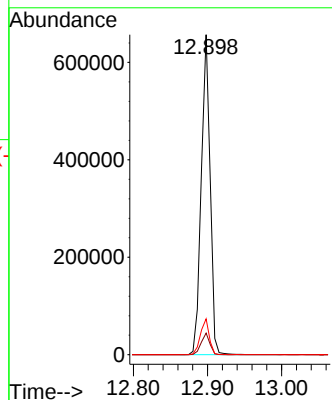
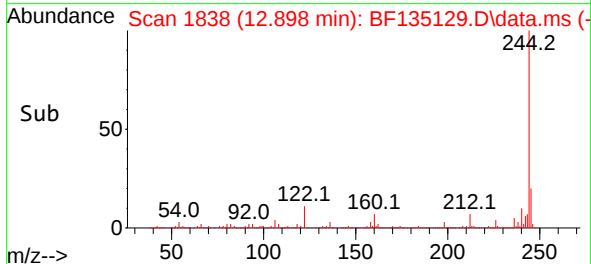


#79
 Terphenyl-d14
 Concen: 53.308 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135129.D
 Acq: 07 Sep 2023 12:09

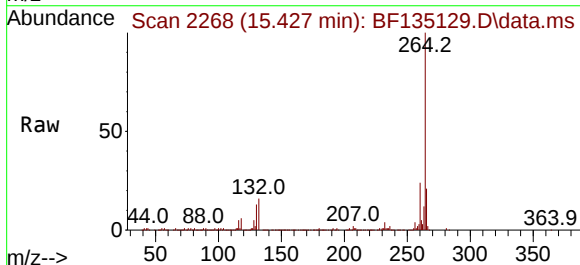
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-206



Tgt Ion:244 Resp: 543724
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.2 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135129.D
 Acq: 07 Sep 2023 12:09



Tgt Ion:264 Resp: 178645
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.2 18.2 27.2

