

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143203.D
 Acq On : 22 Jul 2025 22:17
 Operator : RC/JU
 Sample : Q2658-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-072125-2

Quant Time: Jul 23 04:54:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

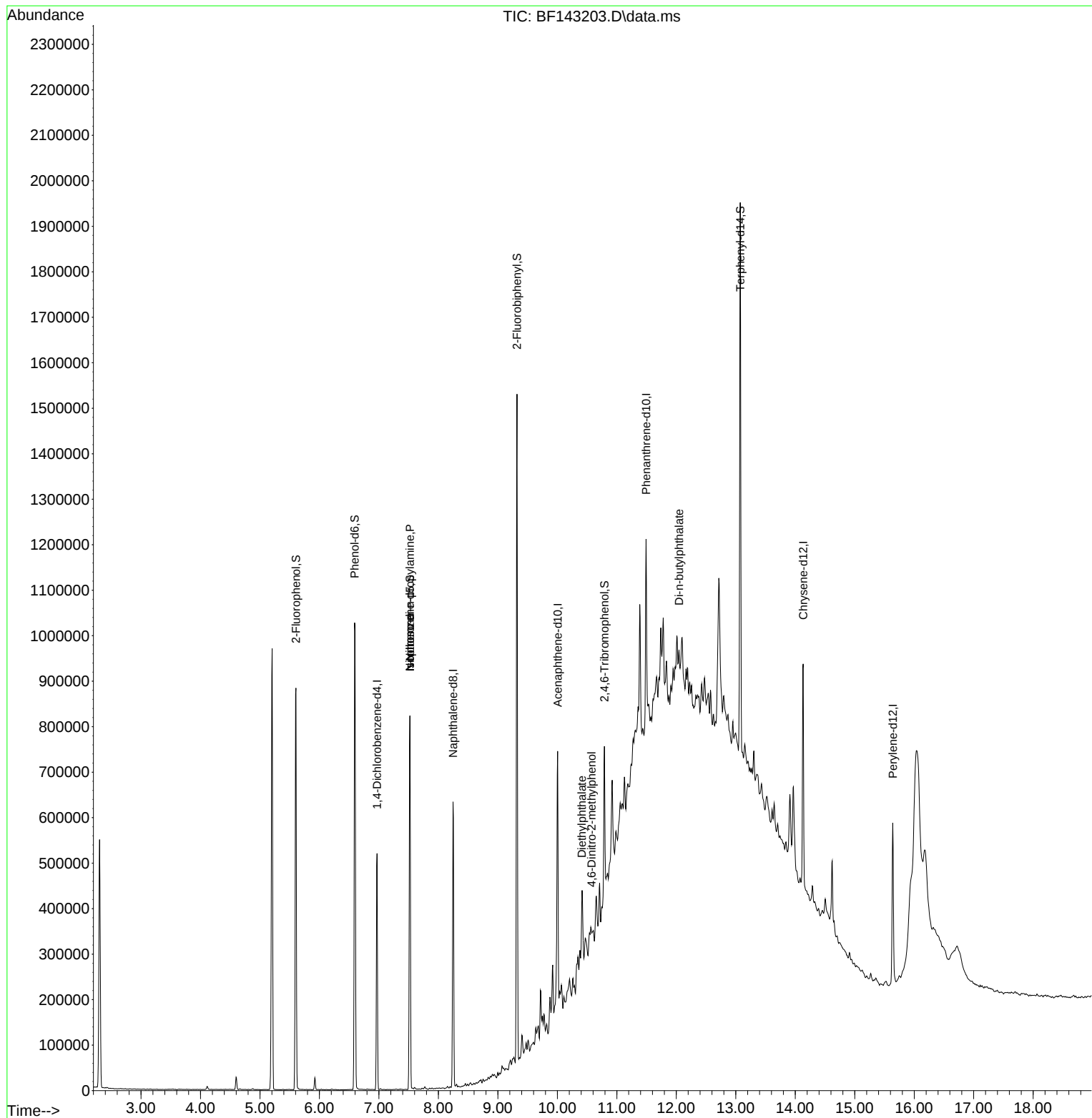
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	106463	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	377385	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	157346	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	210867	20.000	ng	0.00
76) Chrysene-d12	14.133	240	250114	20.000	ng	0.01
86) Perylene-d12	15.639	264	207331	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	315408	46.882	ng	0.02
7) Phenol-d6	6.592	99	460591	54.392	ng	0.00
23) Nitrobenzene-d5	7.522	82	341806	45.148	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	58360	35.903	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	625295	54.350	ng	0.00
79) Terphenyl-d14	13.074	244	590205	35.116	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.522	70	45967	8.461	ng	Qvalue # 80
25) Isophorone	7.522	82	340265	25.459	ng	# 66
60) Diethylphthalate	10.410	149	47561	4.692	ng	97
65) 4,6-Dinitro-2-methylph...	10.575	198	230	5.597	ng	# 1
74) Di-n-butylphthalate	12.045	149	23441	2.078	ng	# 76

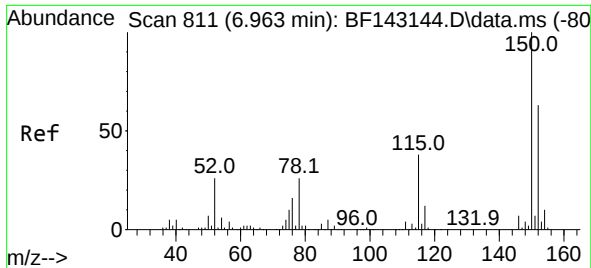
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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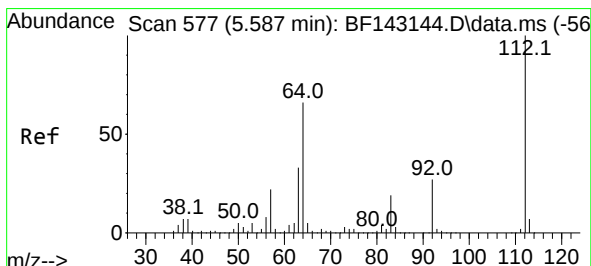
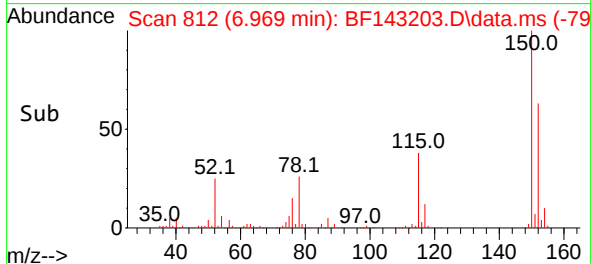
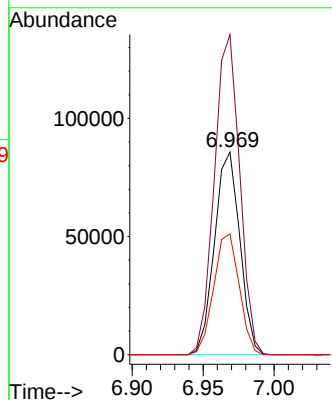
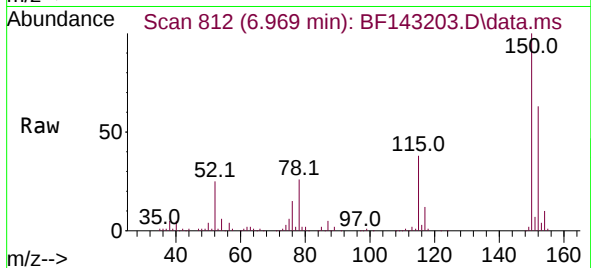




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: BF143203.D
 Acq: 22 Jul 2025 22:17

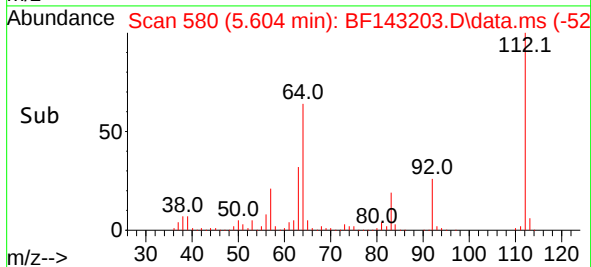
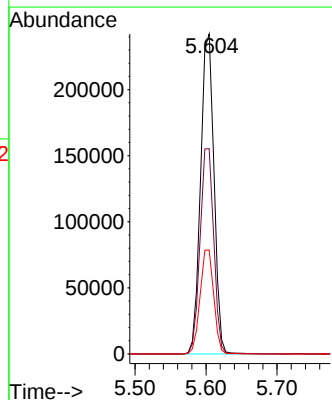
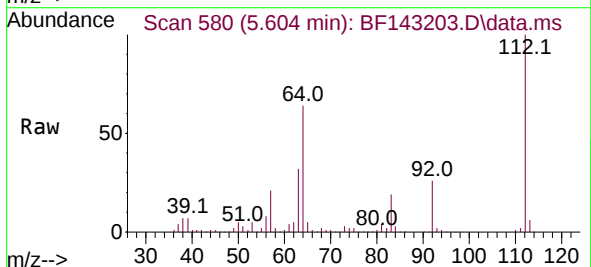
Instrument :
 BNA_F
 ClientSampleId :
 PAD-072125-2

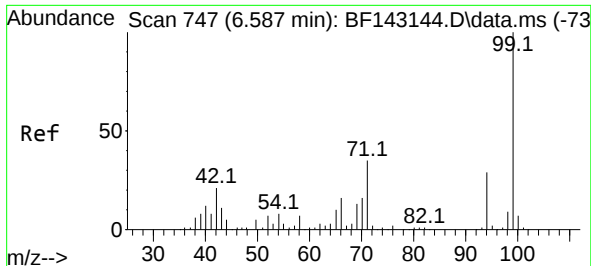
Tgt Ion:152 Resp: 106463
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.2 192.4
 115 59.6 47.9 71.9



#5
 2-Fluorophenol
 Concen: 46.882 ng
 RT: 5.604 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF143203.D
 Acq: 22 Jul 2025 22:17

Tgt Ion:112 Resp: 315408
 Ion Ratio Lower Upper
 112 100
 64 64.1 53.1 79.7
 63 32.5 26.6 40.0

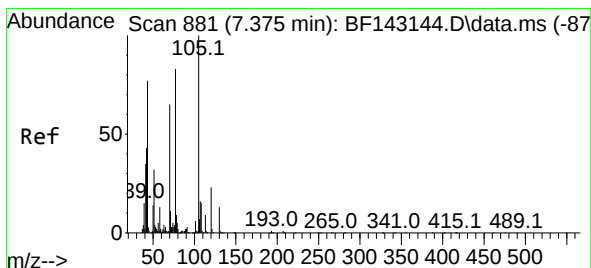
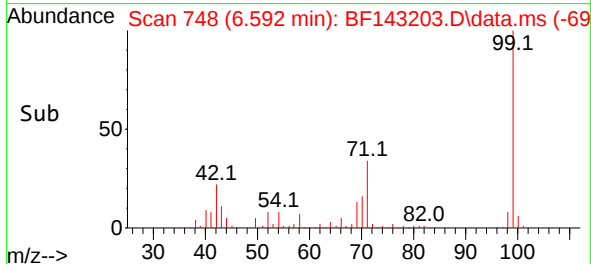
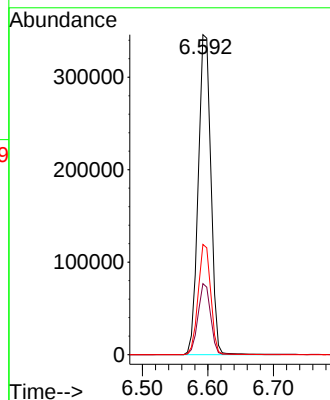
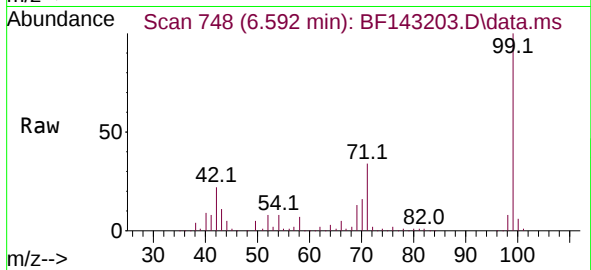




#7
Phenol-d6
Concen: 54.392 ng
RT: 6.592 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

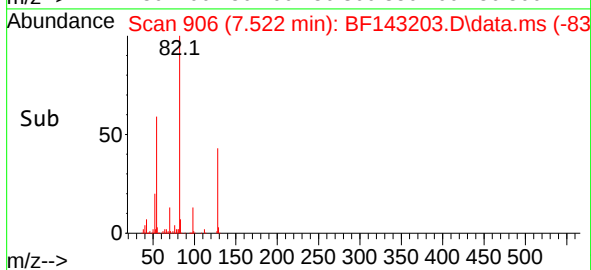
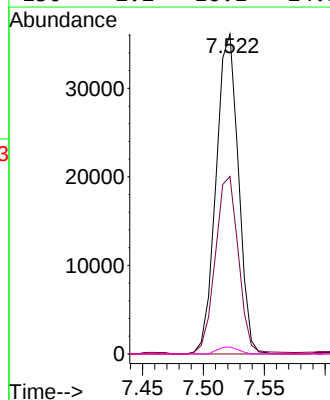
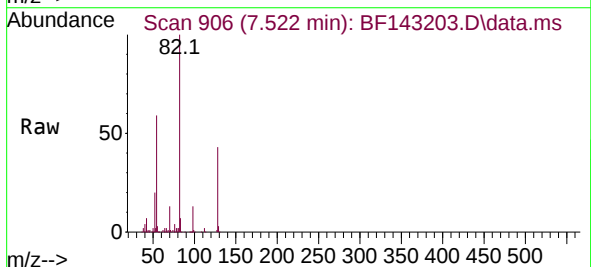
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

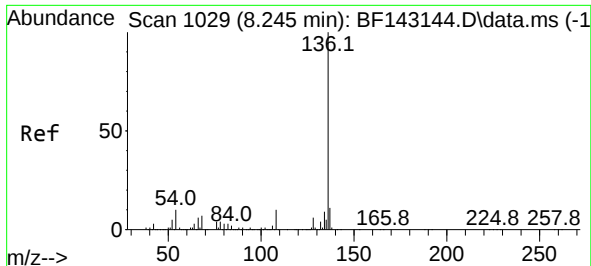
Tgt Ion: 99 Resp: 460591
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 34.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.461 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion: 70 Resp: 45967
Ion Ratio Lower Upper
70 100
42 55.4 52.5 78.7
101 0.0 7.6 11.4#
130 2.2 16.1 24.1#

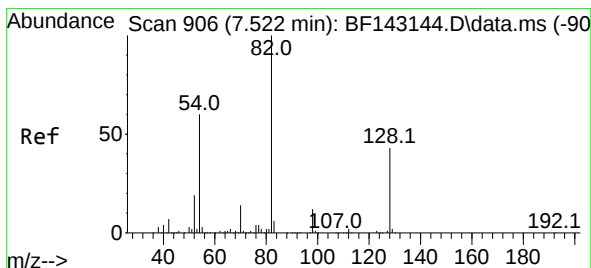
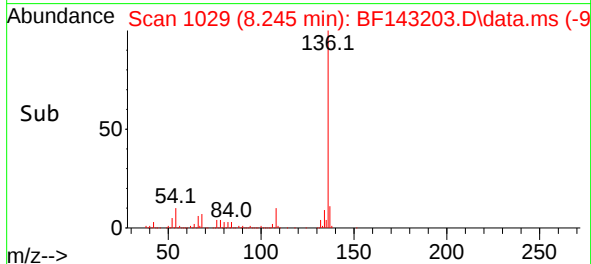
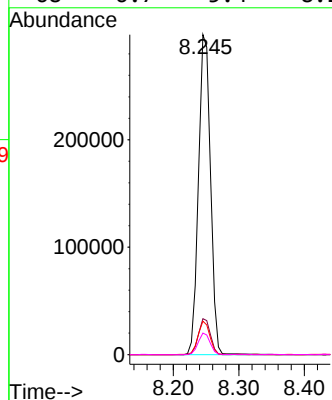
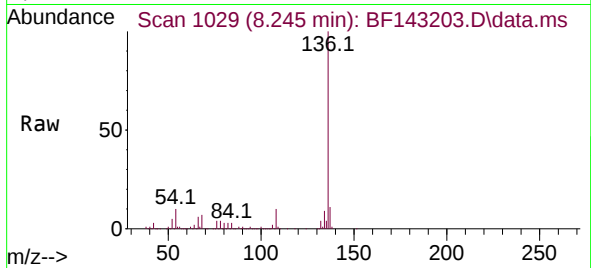




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

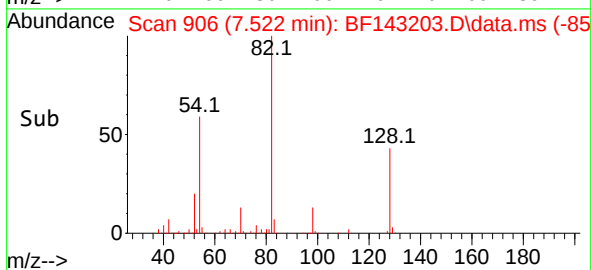
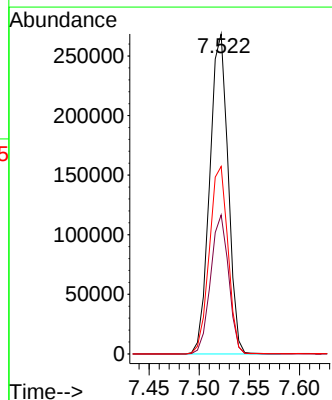
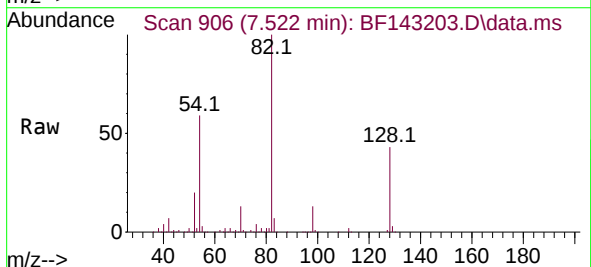
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

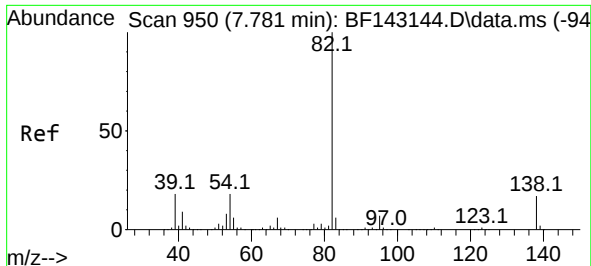
Tgt Ion:	136	Resp:	377385
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.4	8.2	12.2
68	6.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 45.148 ng
RT: 7.522 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion:	82	Resp:	341806
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	58.6	47.1	70.7

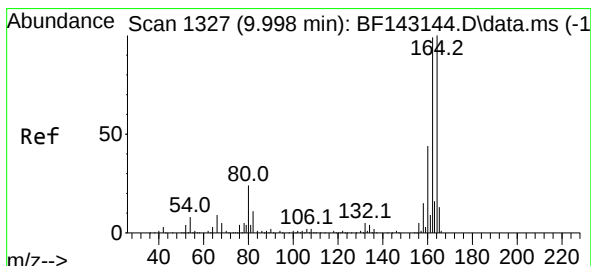
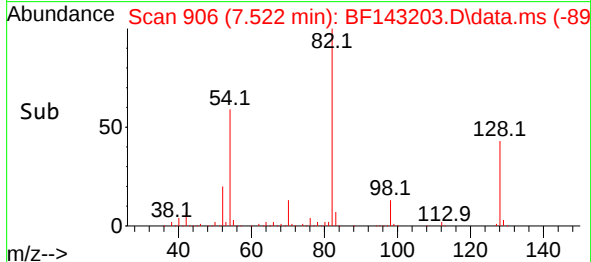
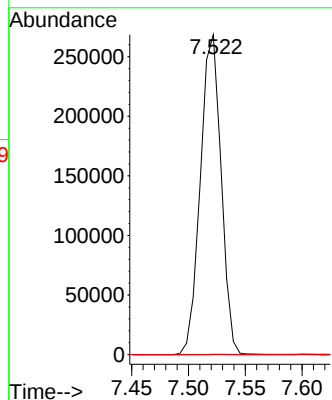
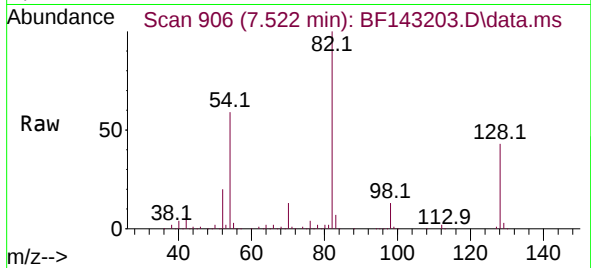




#25
Isophorone
Concen: 25.459 ng
RT: 7.522 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

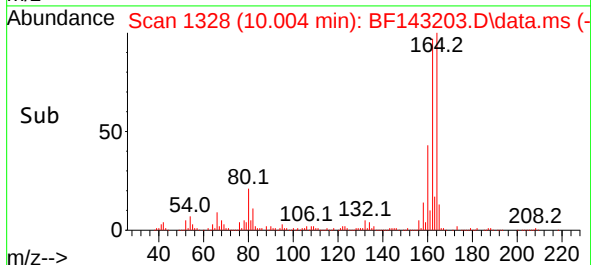
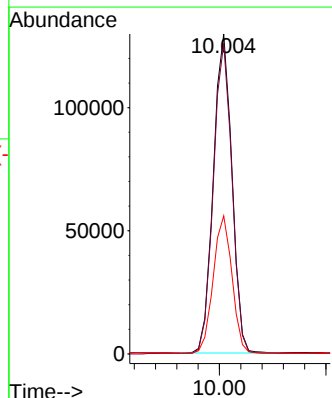
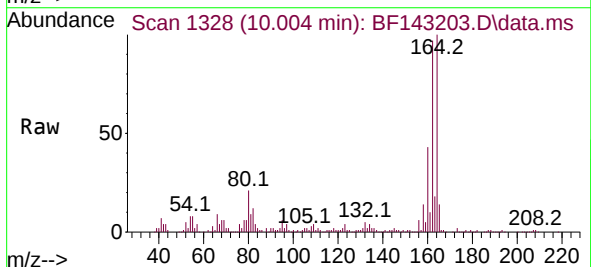
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

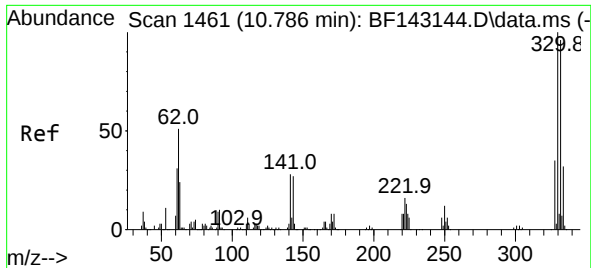
Tgt Ion: 82 Resp: 340265
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion:164 Resp: 157346
Ion Ratio Lower Upper
164 100
162 97.0 79.0 118.6
160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 35.903 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143203.D

Acq: 22 Jul 2025 22:17

Instrument :

BNA_F

ClientSampleId :

PAD-072125-2

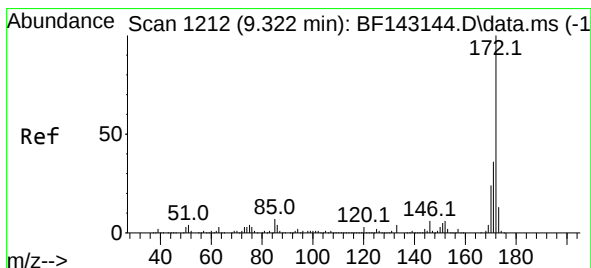
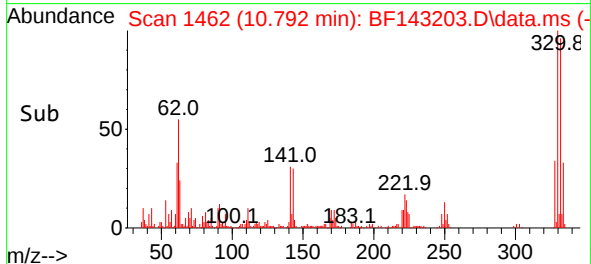
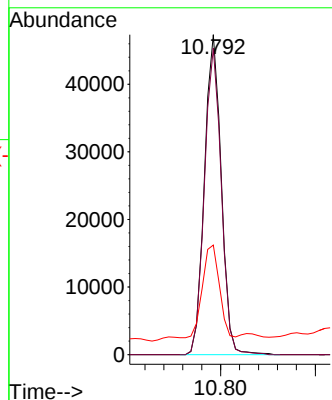
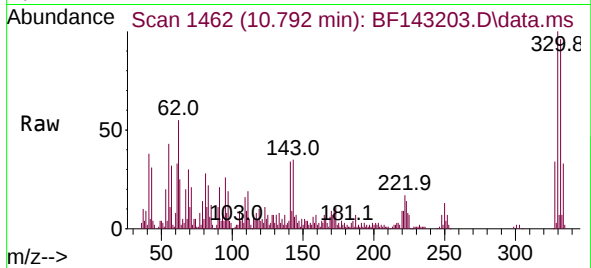
Tgt Ion:330 Resp: 58360

Ion Ratio Lower Upper

330 100

332 96.2 76.7 115.1

141 29.1 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 54.350 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF143203.D

Acq: 22 Jul 2025 22:17

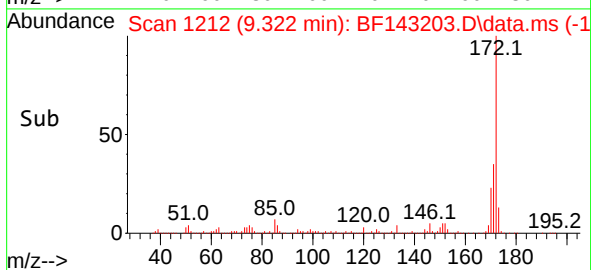
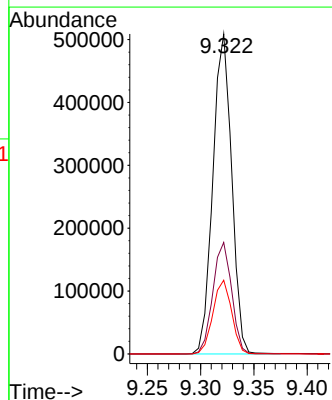
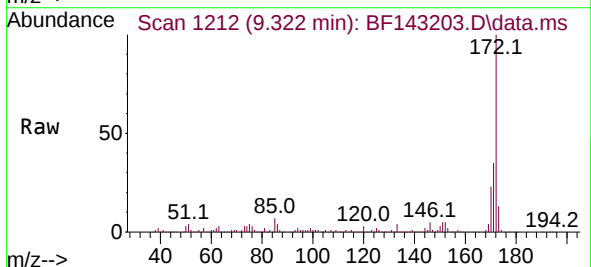
Tgt Ion:172 Resp: 625295

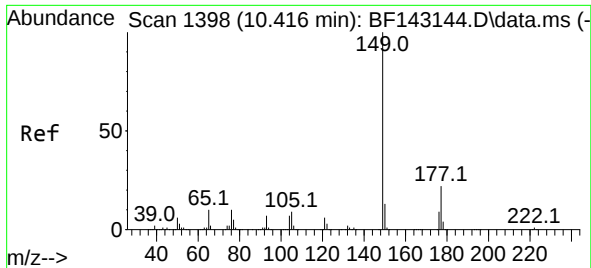
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.0 18.8 28.2

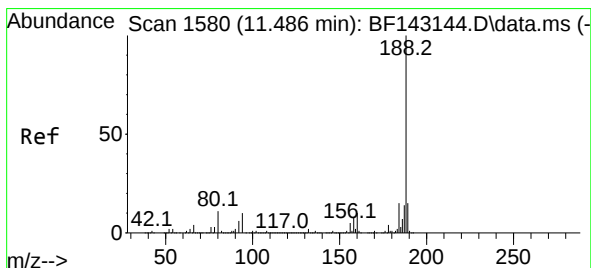
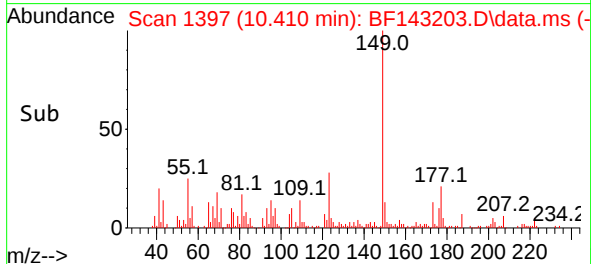
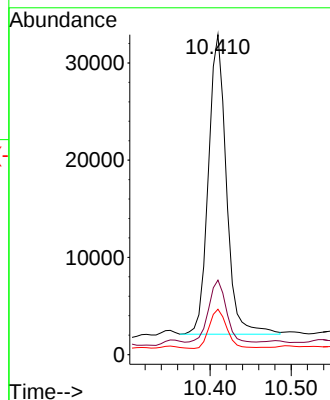
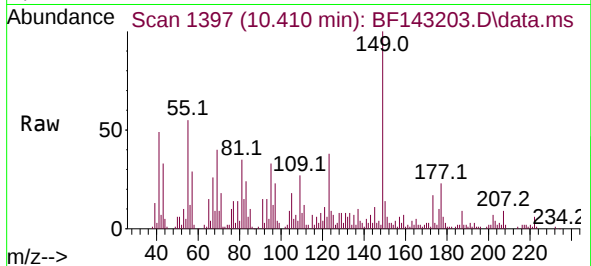




#60
Diethylphthalate
Concen: 4.692 ng
RT: 10.410 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

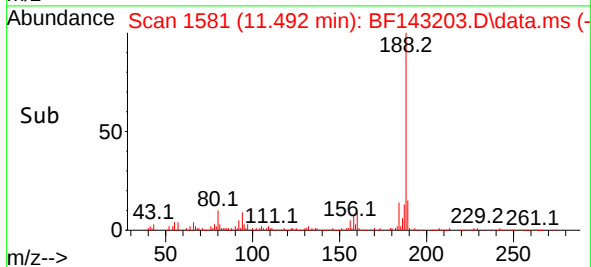
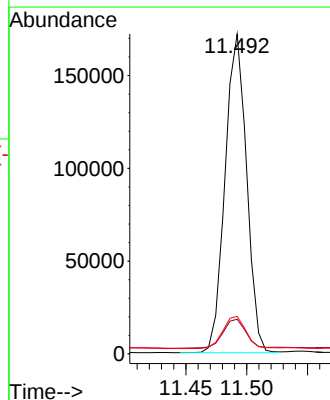
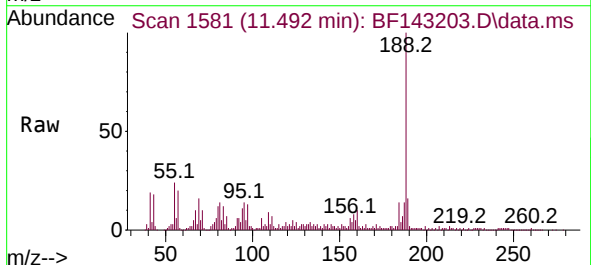
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

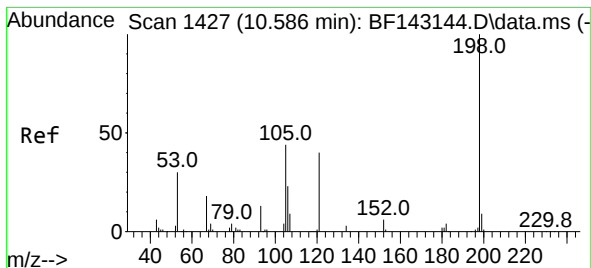
Tgt Ion:149	Resp:	47561
Ion Ratio	Lower	Upper
149	100	
177	23.3	17.5 26.3
150	14.2	10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion:188	Resp:	210867
Ion Ratio	Lower	Upper
188	100	
94	10.8	8.3 12.5
80	11.7	9.0 13.6

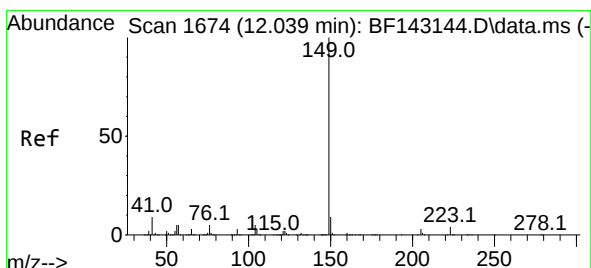
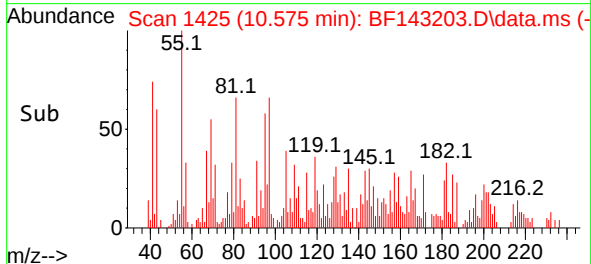
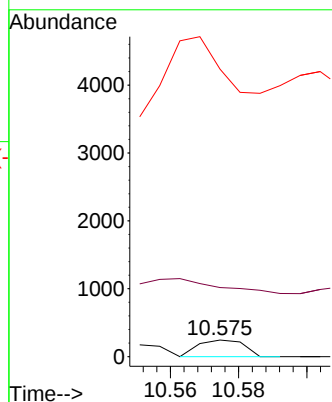
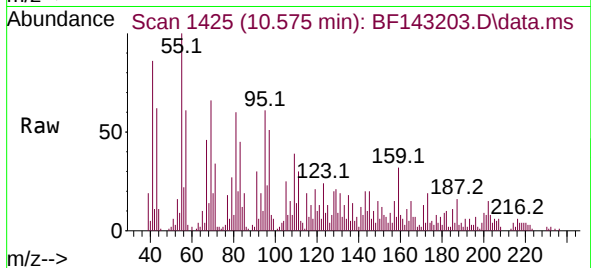




#65
4,6-Dinitro-2-methylphenol
Concen: 5.597 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.011 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

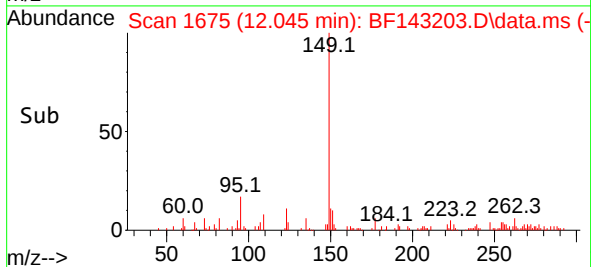
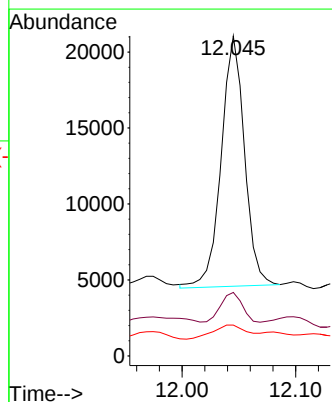
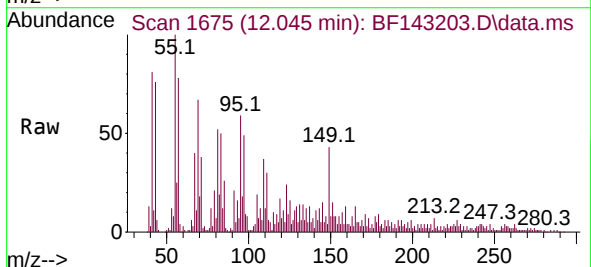
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

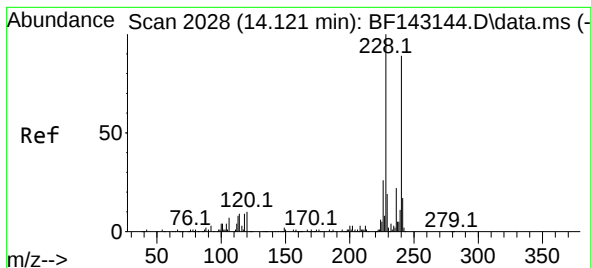
Tgt Ion:198 Resp: 230
Ion Ratio Lower Upper
198 100
51 415.1 37.2 77.2#
105 1729.0 24.8 64.8#



#74
Di-n-butylphthalate
Concen: 2.078 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion:149 Resp: 23441
Ion Ratio Lower Upper
149 100
150 19.8 7.4 11.2#
104 9.6 3.8 5.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143203.D

Acq: 22 Jul 2025 22:17

Instrument :

BNA_F

ClientSampleId :

PAD-072125-2

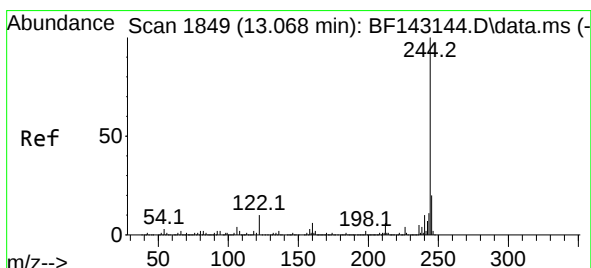
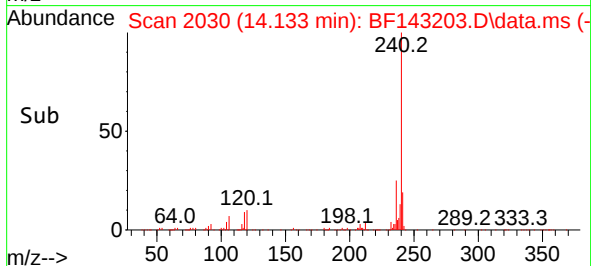
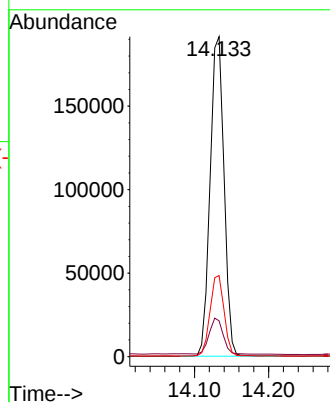
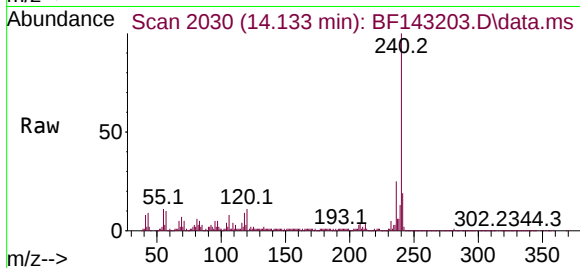
Tgt Ion:240 Resp: 250114

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 25.3 20.2 30.4



#79

Terphenyl-d14

Concen: 35.116 ng

RT: 13.074 min Scan# 1850

Delta R.T. 0.006 min

Lab File: BF143203.D

Acq: 22 Jul 2025 22:17

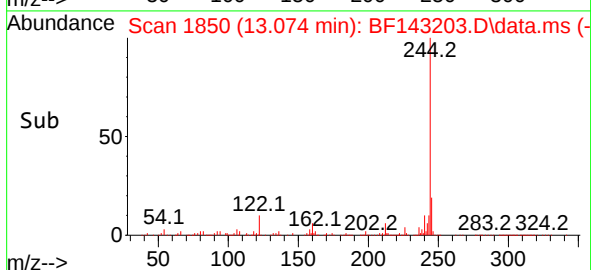
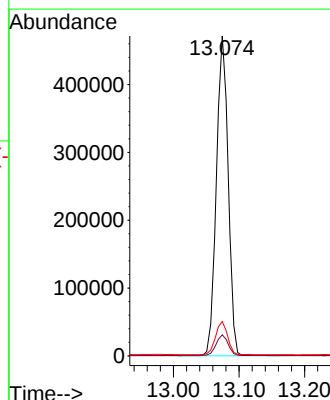
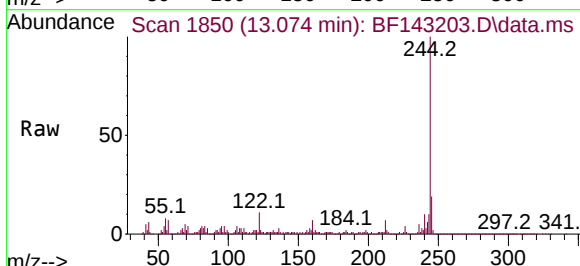
Tgt Ion:244 Resp: 590205

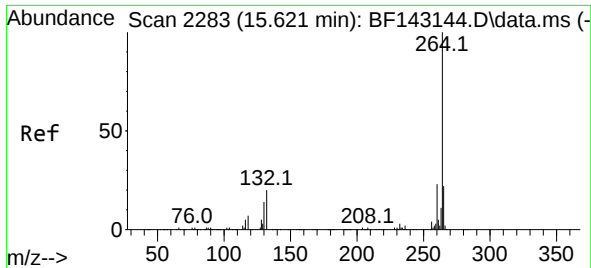
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

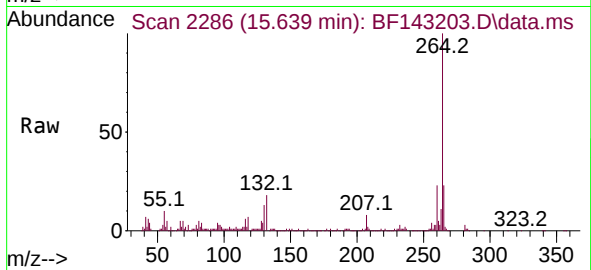
122 10.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF143203.D
 Acq: 22 Jul 2025 22:17

Instrument :
 BNA_F
 ClientSampleId :
 PAD-072125-2



Tgt Ion:264 Resp: 207331
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.5 17.4 26.2

