

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142456.D
 Acq On : 19 May 2025 17:29
 Operator : RC/JU
 Sample : Q2062-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-2

Quant Time: May 20 02:21:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

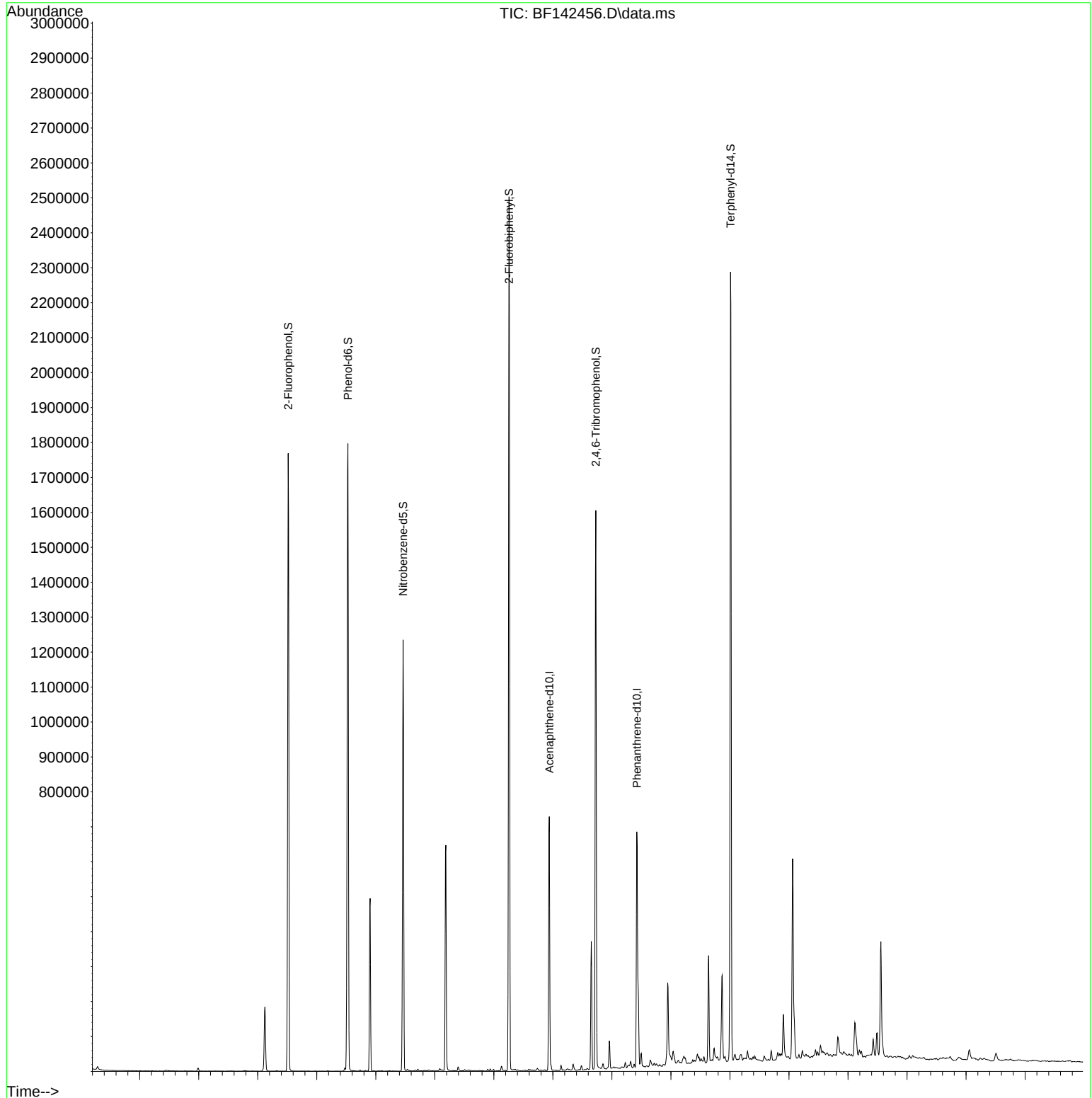
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	108366	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	418135	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	220349	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	352462	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	241598	20.000	ng	0.00
86) Perylene-d12	15.557	264	193768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	694879	109.463	ng	0.00
7) Phenol-d6	6.528	99	916609	117.399	ng	0.00
23) Nitrobenzene-d5	7.463	82	524214	76.459	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	289768	136.206	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1106314	71.589	ng	0.00
79) Terphenyl-d14	13.010	244	1148065	70.334	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	112296	6.078	ng	98
75) Fluoranthene	12.639	202	174883	9.469	ng	98
78) Pyrene	12.869	202	148547	6.908	ng	100
81) Benzo(a)anthracene	14.057	228	72044	4.605	ng	98
83) Chrysene	14.086	228	52177	3.582	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	2136	4.475	ng	# 96
88) Benzo(b)fluoranthene	15.116	252	61120m	5.208	ng	
90) Benzo(a)pyrene	15.492	252	40852	3.885	ng	100

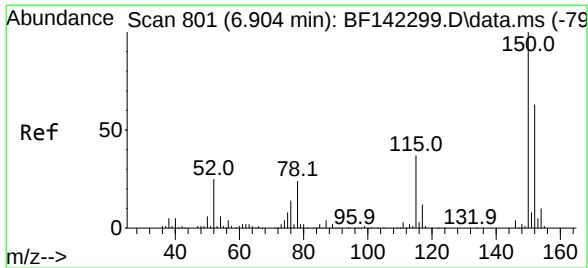
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142456.D
Acq On : 19 May 2025 17:29
Operator : RC/JU
Sample : Q2062-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L1-WC-2

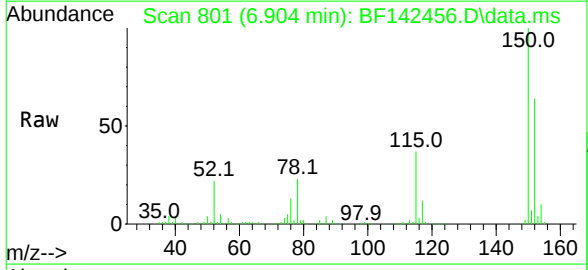
Quant Time: May 20 02:21:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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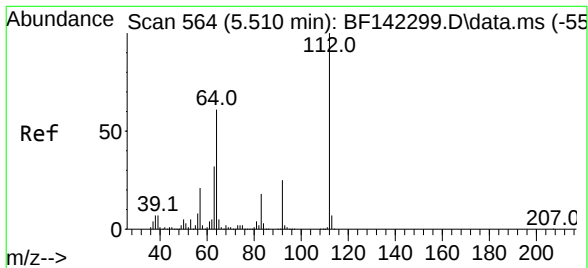
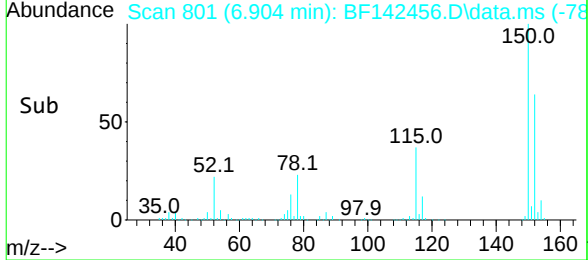
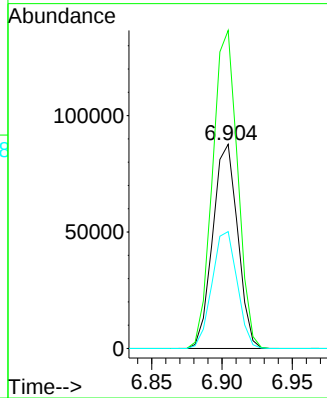


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

Instrument :
BNA_F
ClientSampleId :
L1-WC-2

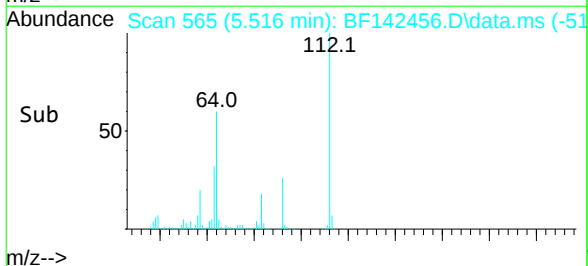
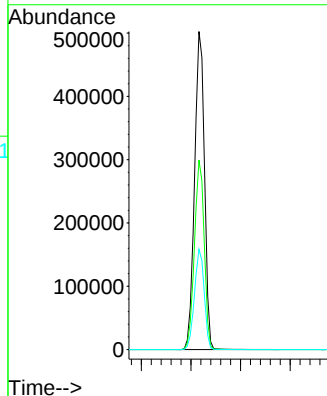
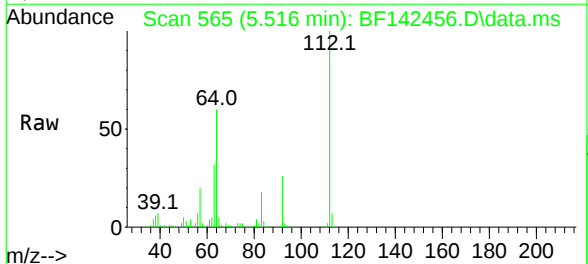


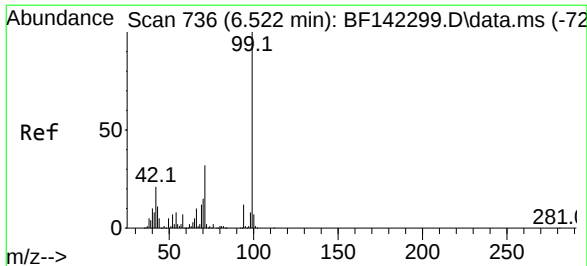
Tgt Ion:152 Resp: 108366
Ion Ratio Lower Upper
152 100
150 155.8 126.6 190.0
115 57.3 47.3 70.9



#5
2-Fluorophenol
Concen: 109.463 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

Tgt Ion:112 Resp: 694879
Ion Ratio Lower Upper
112 100
64 59.6 48.9 73.3
63 31.5 25.6 38.4

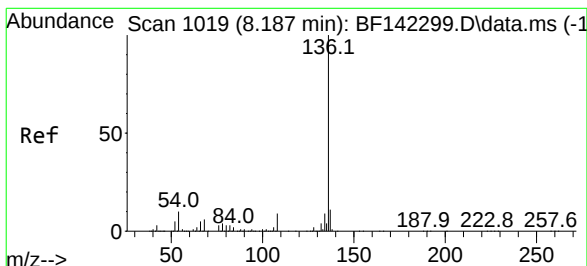
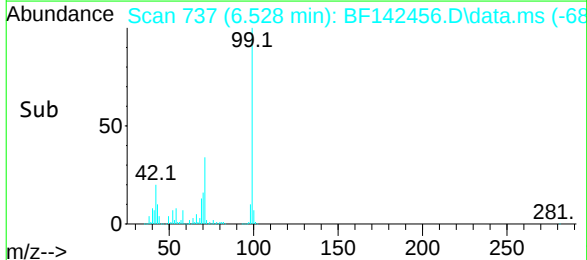
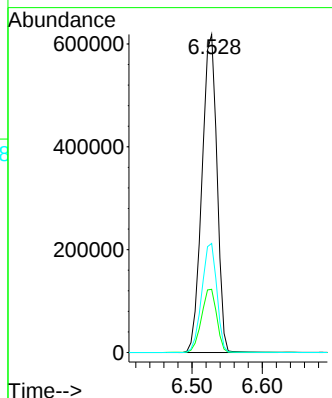
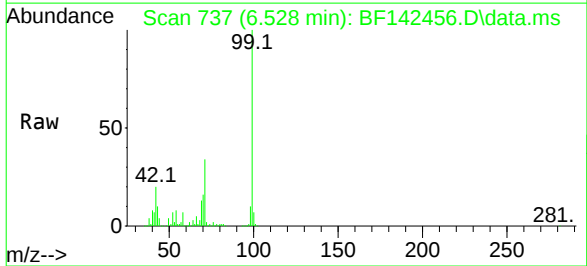




#7
Phenol-d6
Concen: 117.399 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

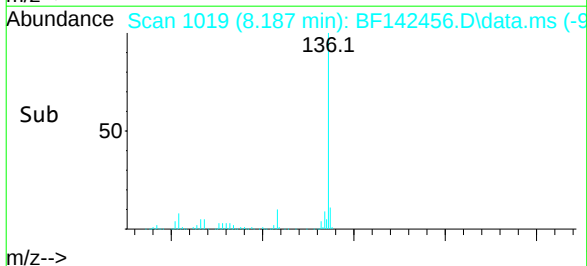
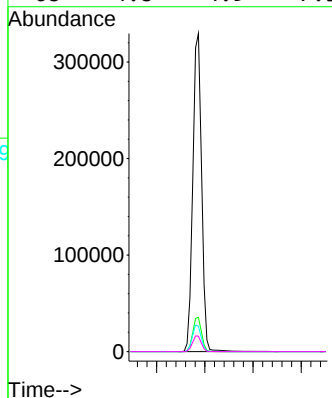
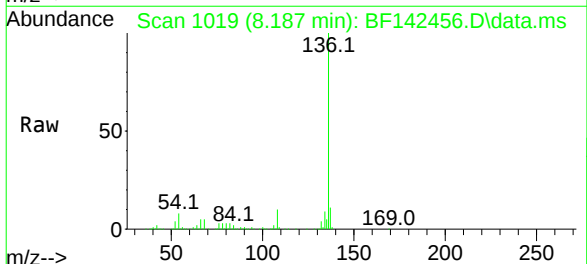
Instrument :
BNA_F
ClientSampleId :
L1-WC-2

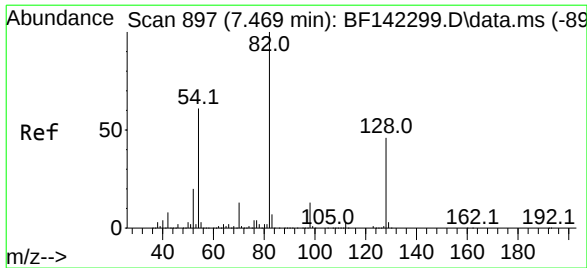
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.0	25.4
71	34.3	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	7.7	11.5
68	4.8	4.9	7.3

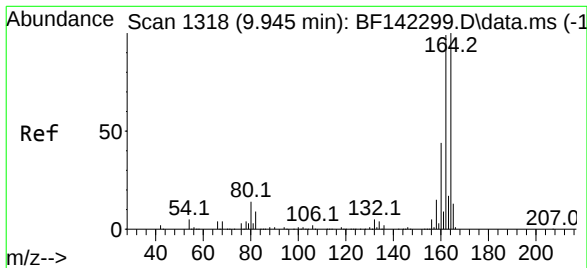
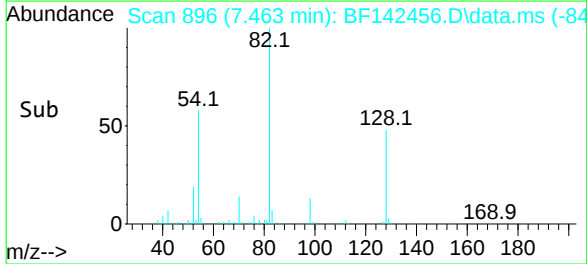
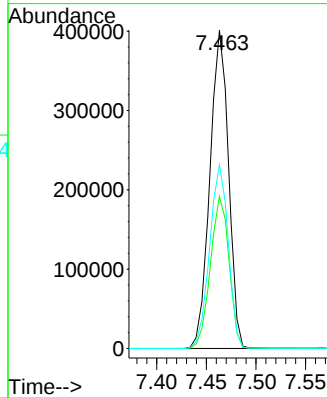
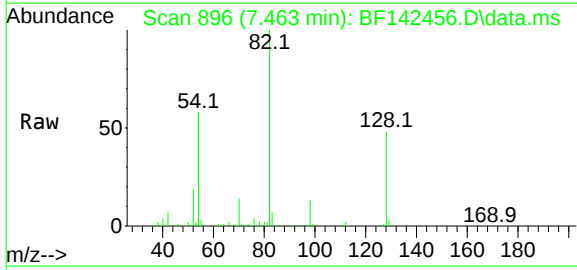




#23
Nitrobenzene-d5
Concen: 76.459 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

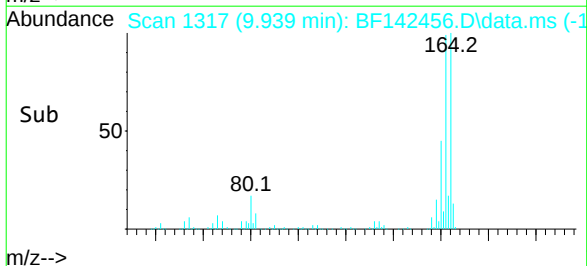
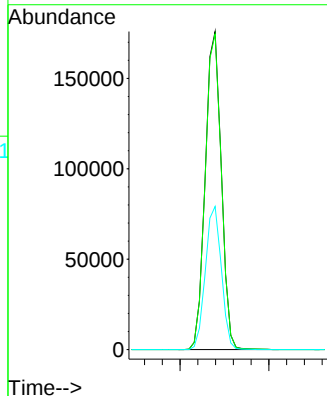
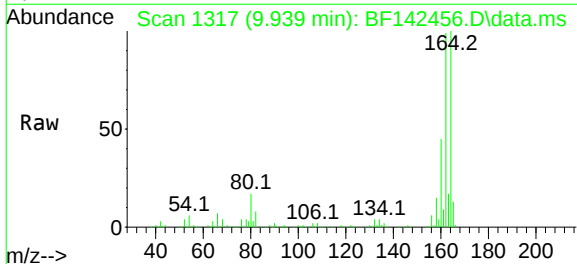
Instrument :
BNA_F
ClientSampleId :
L1-WC-2

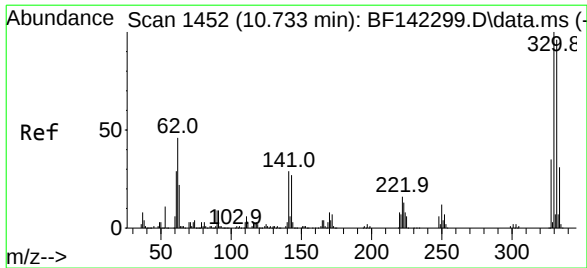
Tgt Ion: 82 Resp: 524214
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.6
54 57.7 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

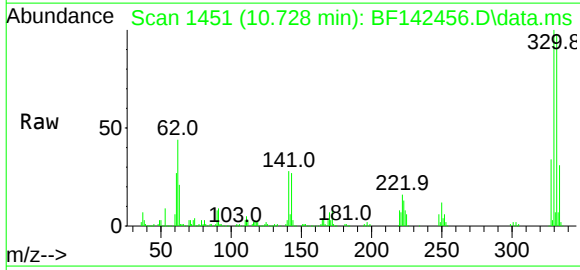
Tgt Ion: 164 Resp: 220349
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 45.0 35.3 52.9



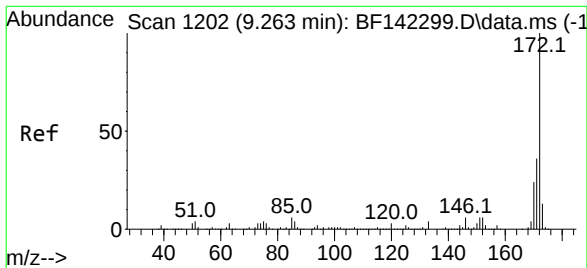
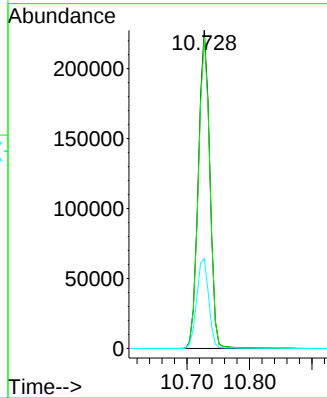
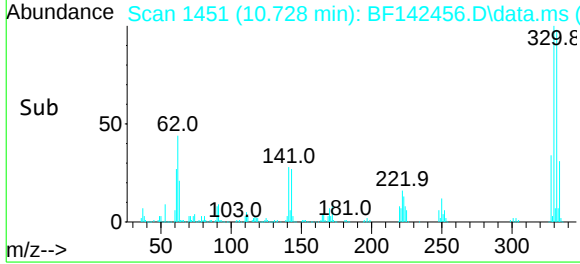


#42
2,4,6-Tribromophenol
Concen: 136.206 ng
RT: 10.728 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

Instrument :
BNA_F
ClientSampleId :
L1-WC-2

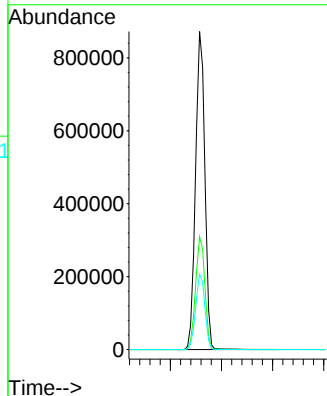
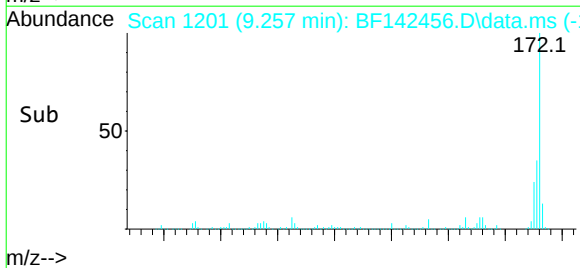
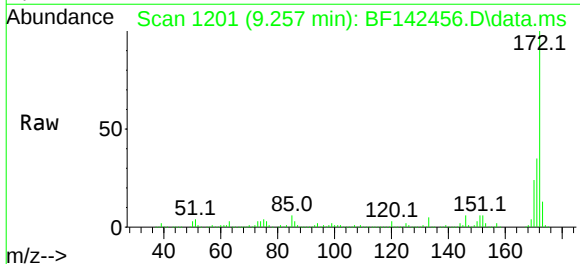


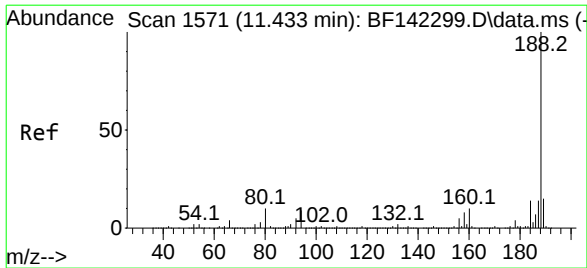
Tgt Ion: 330 Resp: 289768
Ion Ratio Lower Upper
330 100
332 98.1 76.8 115.2
141 29.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 71.589 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142456.D
Acq: 19 May 2025 17:29

Tgt Ion: 172 Resp: 1106314
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 15

Delta R.T. -0.012 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

L1-WC-2

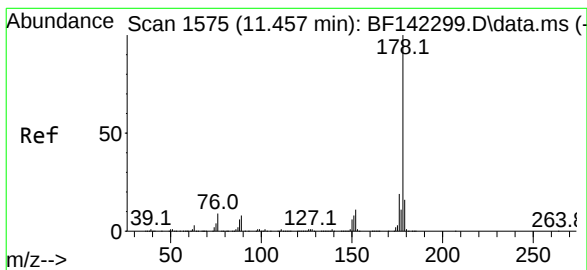
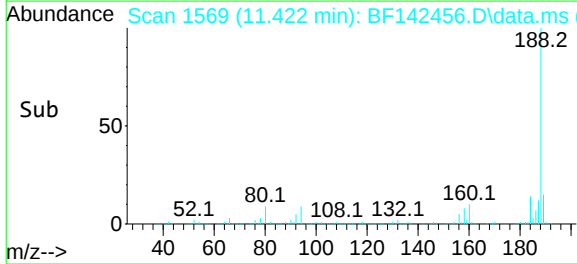
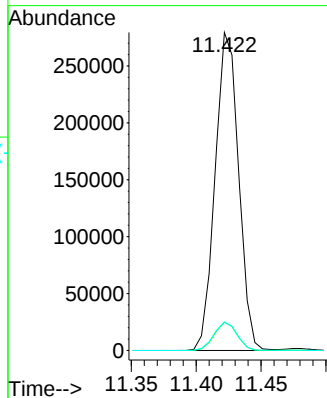
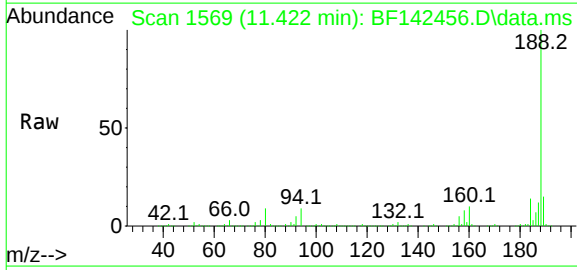
Tgt Ion:188 Resp: 352462

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 9.0 7.9 11.9



#71

Phenanthrene

Concen: 6.078 ng

RT: 11.445 min Scan# 1573

Delta R.T. -0.012 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

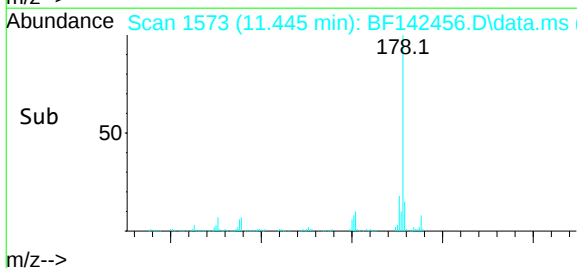
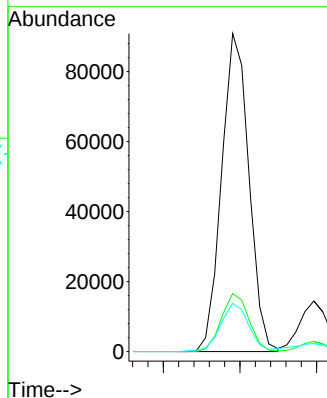
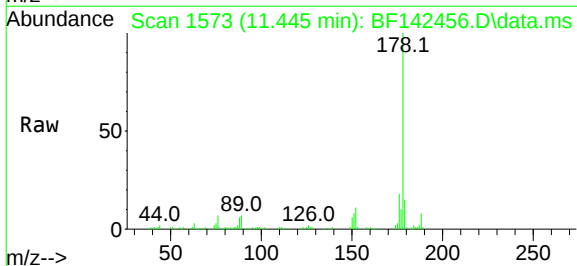
Tgt Ion:178 Resp: 112296

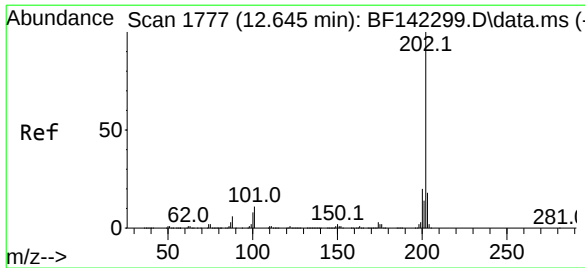
Ion Ratio Lower Upper

178 100

176 18.2 15.5 23.3

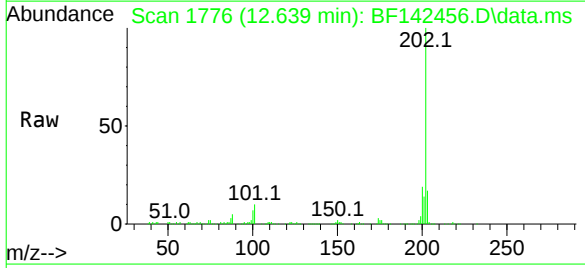
179 15.2 12.6 18.8



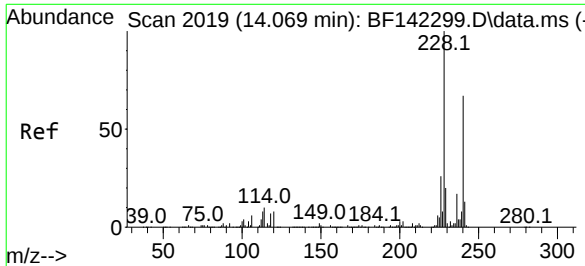
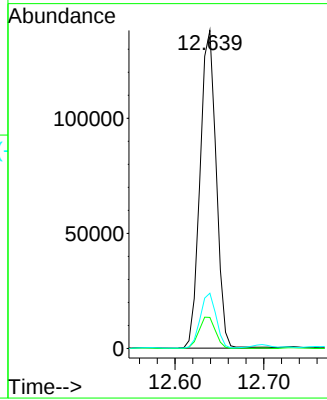
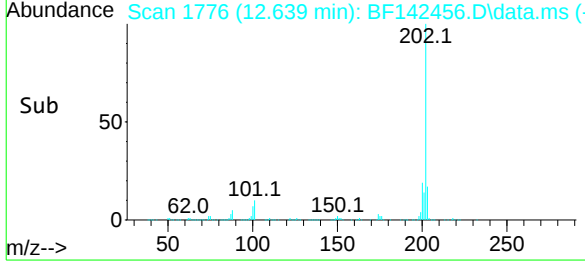


#75
 Fluoranthene
 Concen: 9.469 ng
 RT: 12.639 min Scan# 1776
 Delta R.T. -0.006 min
 Lab File: BF142456.D
 Acq: 19 May 2025 17:29

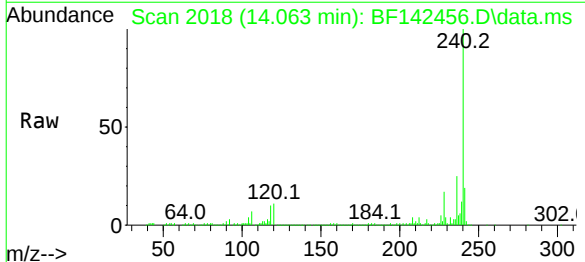
Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-2



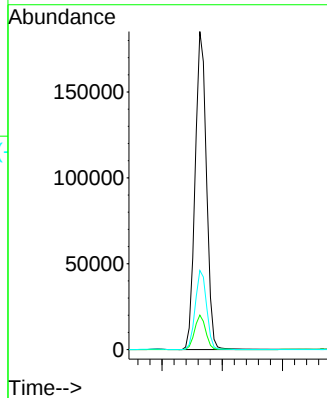
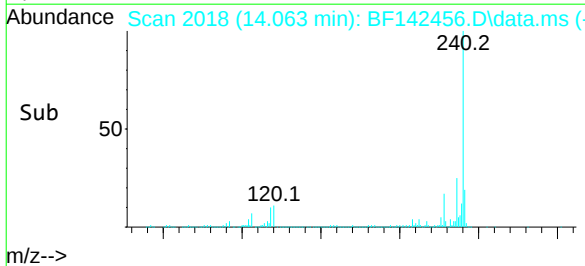
Tgt Ion:202 Resp: 174883
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 31.4
 203 17.4 0.0 37.9

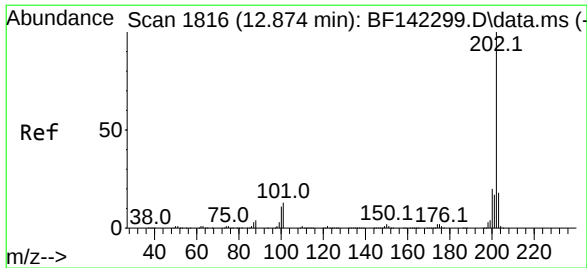


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.063 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF142456.D
 Acq: 19 May 2025 17:29



Tgt Ion:240 Resp: 241598
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.7 14.5
 236 24.9 20.0 30.0





#78

Pyrene

Concen: 6.908 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

L1-WC-2

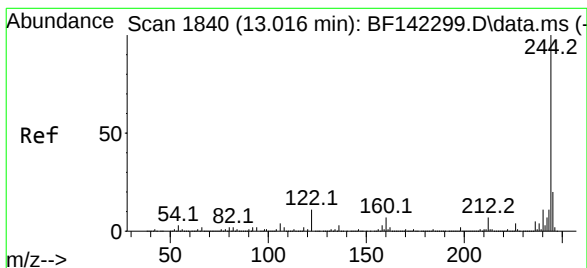
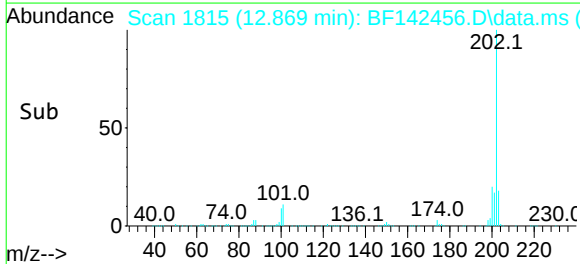
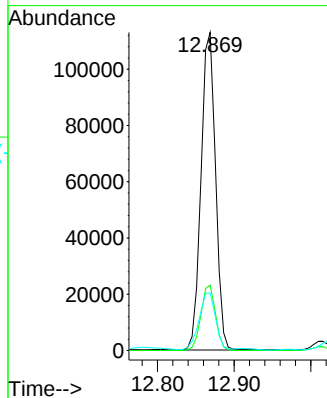
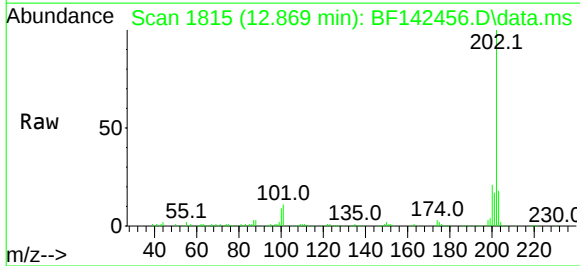
Tgt Ion:202 Resp: 148547

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.4

203 18.0 14.3 21.5



#79

Terphenyl-d14

Concen: 70.334 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

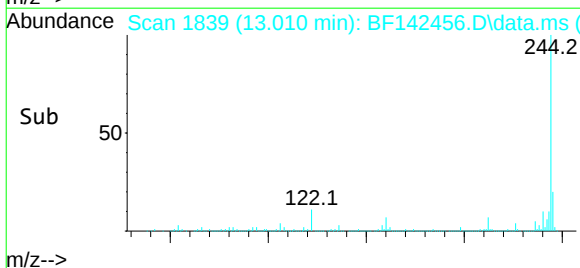
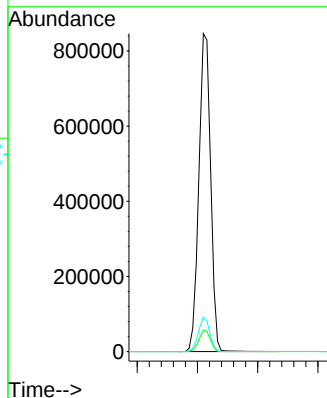
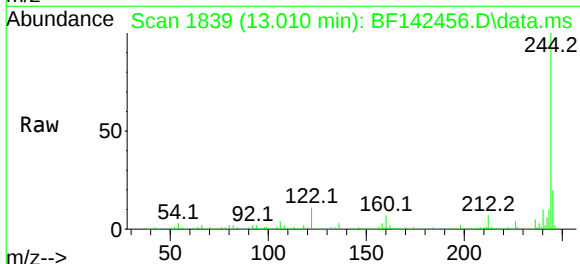
Tgt Ion:244 Resp: 1148065

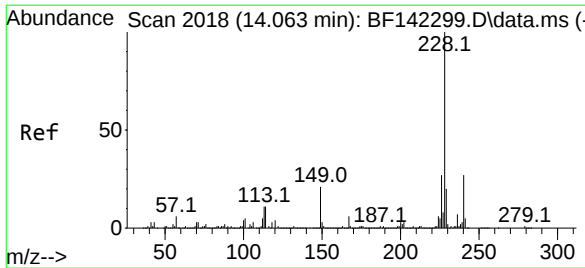
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.7 9.0 13.4





#81

Benzo(a)anthracene

Concen: 4.605 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142456.D

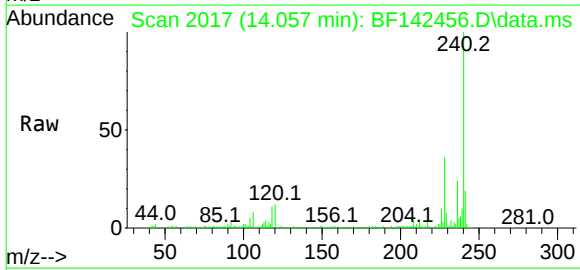
Acq: 19 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

L1-WC-2



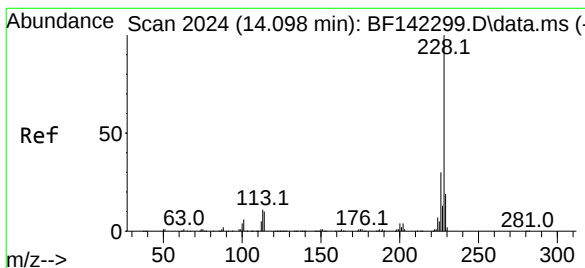
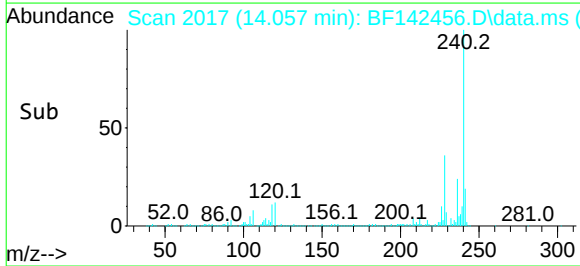
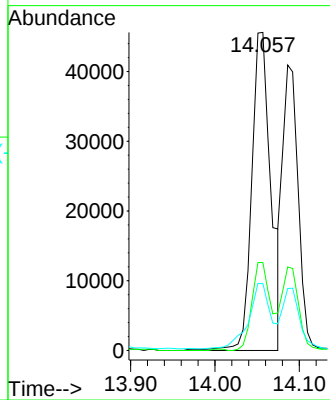
Tgt Ion:228 Resp: 72044

Ion Ratio Lower Upper

228 100

226 27.7 21.5 32.3

229 21.0 15.9 23.9



#83

Chrysene

Concen: 3.582 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

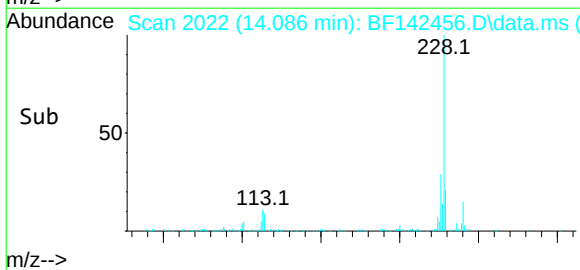
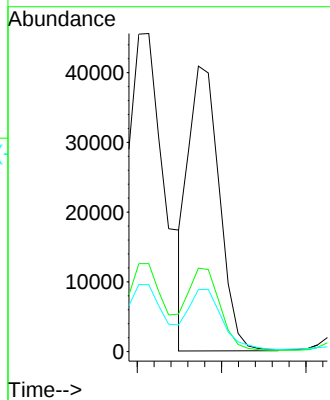
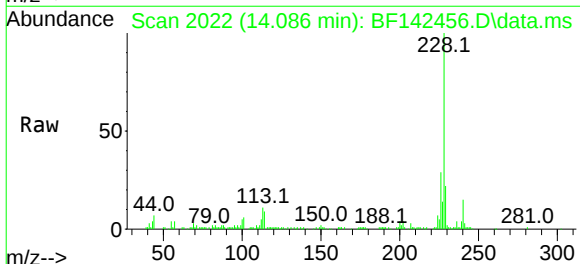
Tgt Ion:228 Resp: 52177

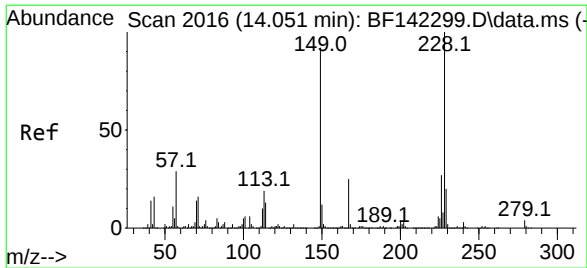
Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 21.7 15.4 23.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.475 ng

RT: 14.045 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

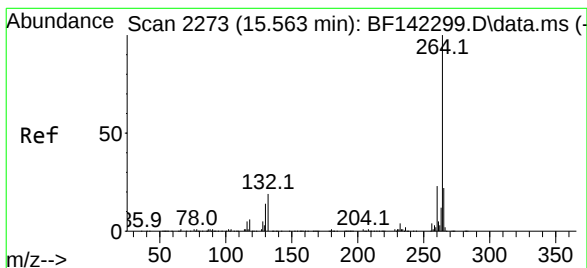
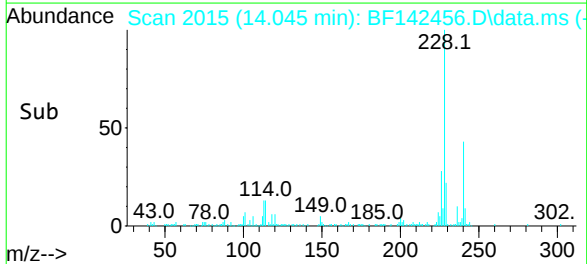
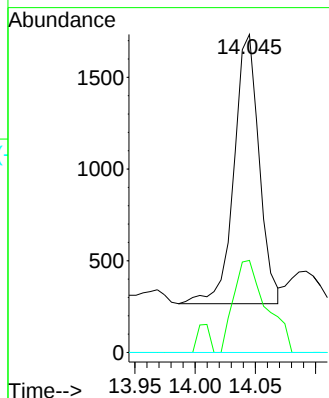
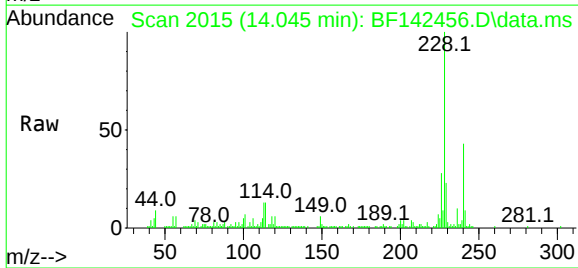
Instrument :

BNA_F

ClientSampleId :

L1-WC-2

Tgt Ion:	149	Resp:	2136
Ion Ratio	Lower	Upper	
149	100		
167	29.0	22.0	33.0
279	0.0	3.0	4.6



#86

Perylene-d12

Concen: 20.000 ng

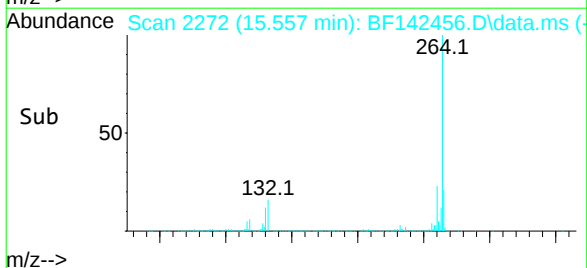
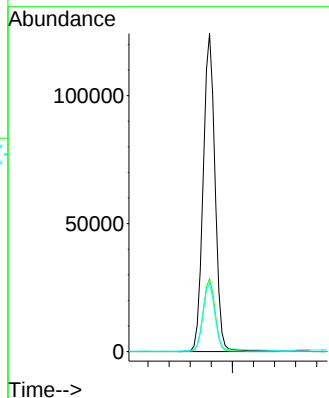
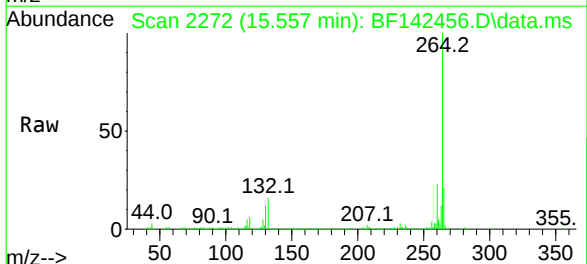
RT: 15.557 min Scan# 2272

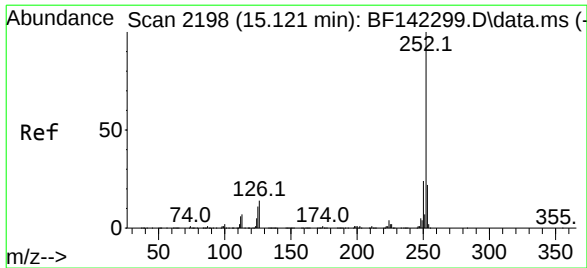
Delta R.T. -0.006 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

Tgt Ion:	264	Resp:	193768
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.6	27.8
265	21.4	17.5	26.3





#88

Benzo(b)fluoranthene

Concen: 5.208 ng m

RT: 15.116 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142456.D

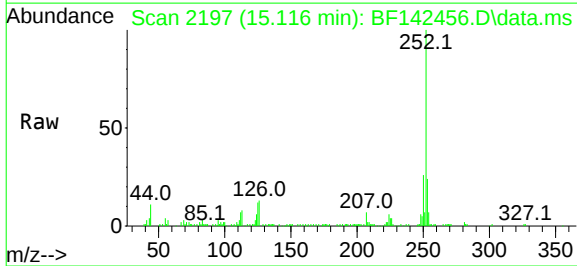
Acq: 19 May 2025 17:29

Instrument :

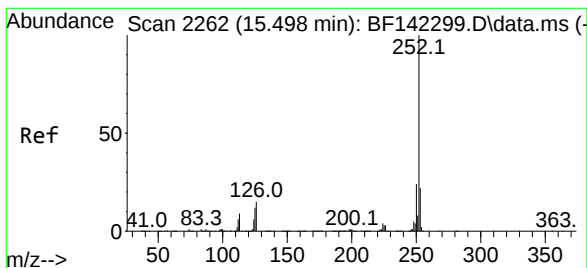
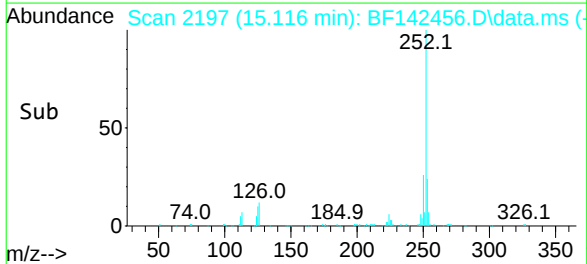
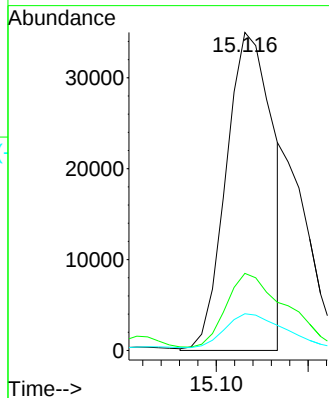
BNA_F

ClientSampleId :

L1-WC-2



Tgt Ion:	252	Resp:	61120
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	11.6	8.7	13.1



#90

Benzo(a)pyrene

Concen: 3.885 ng

RT: 15.492 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF142456.D

Acq: 19 May 2025 17:29

Tgt Ion:	252	Resp:	40852
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	11.6	9.4	14.0

