Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143430.D
Acq On : 18 Aug 2025 09:35
Operator : RC/JU
Sample : PB169212TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Quant Time: Aug 18 12:14:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

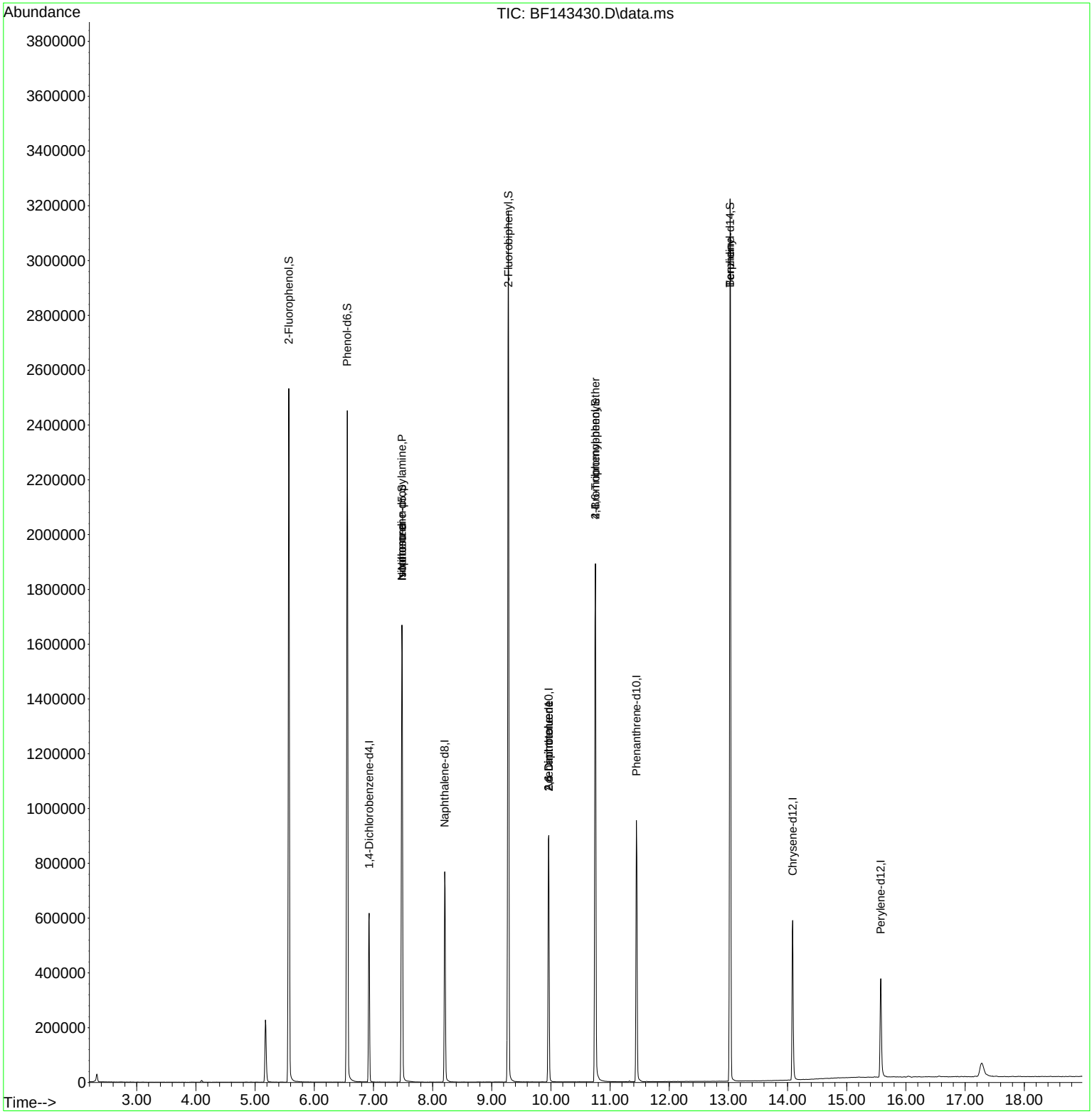
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	132193	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	514539	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	291463	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	501580	20.000	ng	0.00
76) Chrysene-d12	14.086	240	313116	20.000	ng	0.00
86) Perylene-d12	15.574	264	239207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	942761	123.972	ng	0.01
7) Phenol-d6	6.557	99	1186943	123.852	ng	0.00
23) Nitrobenzene-d5	7.481	82	777125	89.621	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	350867	135.248	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1462968	84.426	ng	0.00
79) Terphenyl-d14	13.027	244	1645028	88.255	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	106033	17.872	ng	# 77
25) Isophorone	7.481	82	777207	46.831	ng	# 65
51) 2,6-Dinitrotoluene	9.963	165	37231	10.394	ng	# 23
57) 2,4-Dinitrotoluene	9.963	165	37231	7.796	ng	# 24
67) 4-Bromophenyl-phenylether	10.751	248	22192	3.747	ng	# 1
77) Benzidine	13.027	184	19442	2.079	ng	# 94

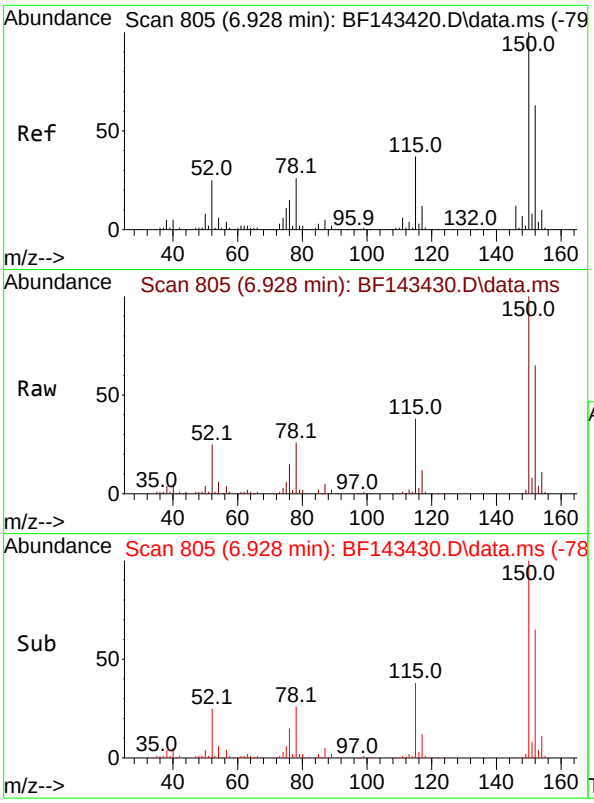
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143430.D
Acq On : 18 Aug 2025 09:35
Operator : RC/JU
Sample : PB169212TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Quant Time: Aug 18 12:14:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration



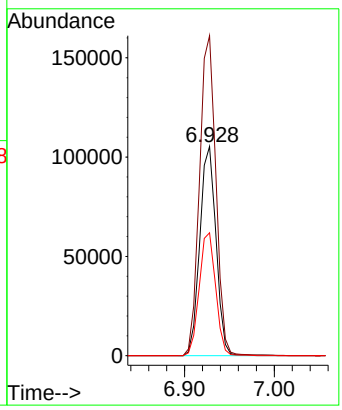


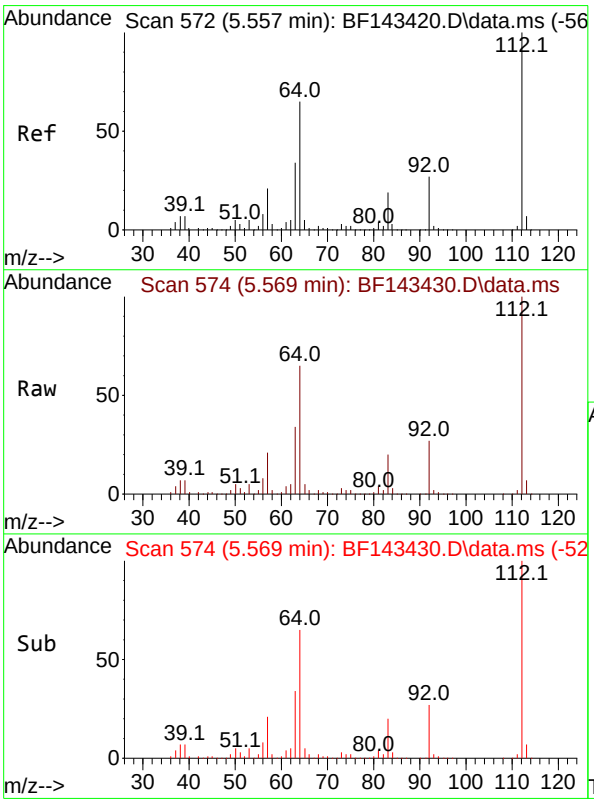
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion:152 Resp: 132193

Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.4	191.2
115	58.7	47.5	71.3

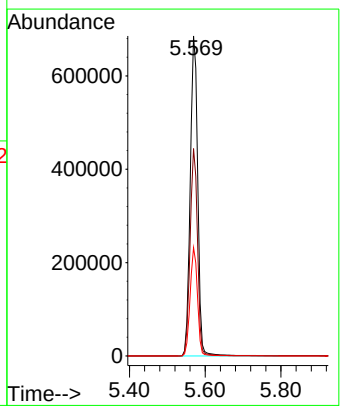


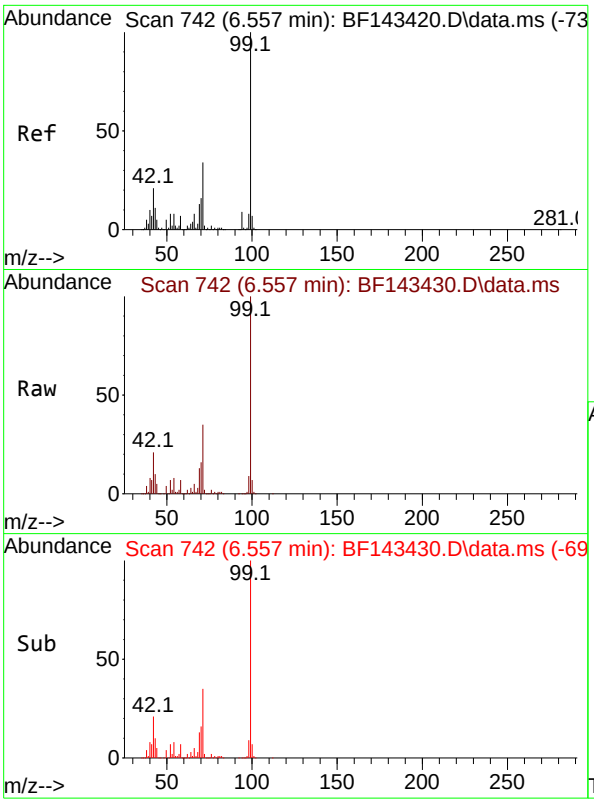


#5
2-Fluorophenol
Concen: 123.972 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion:112 Resp: 942761

Ion	Ratio	Lower	Upper
112	100		
64	64.8	52.2	78.2
63	33.8	27.0	40.6



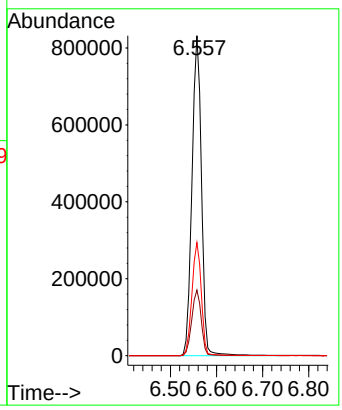


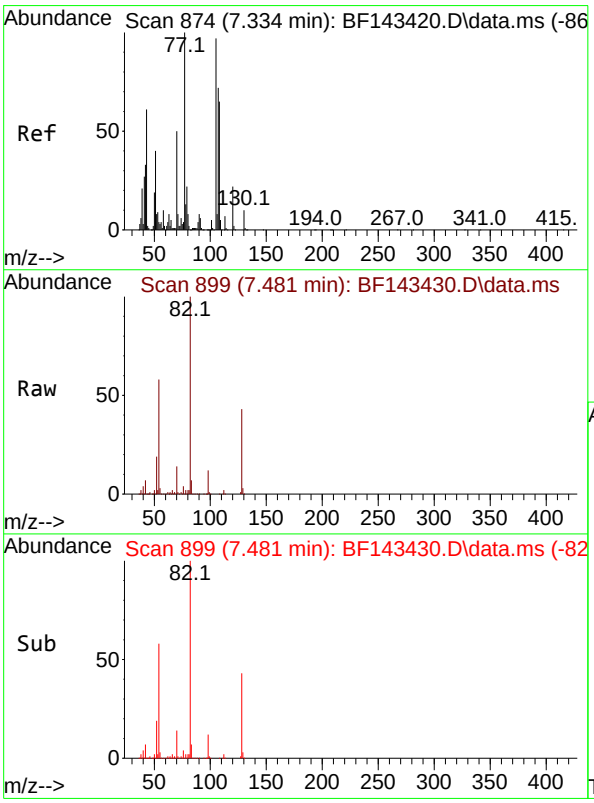
#7
Phenol-d6
Concen: 123.852 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion: 99 Resp: 1186943

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.6
71	35.3	27.4	41.2

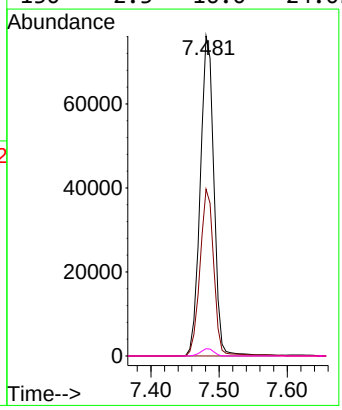


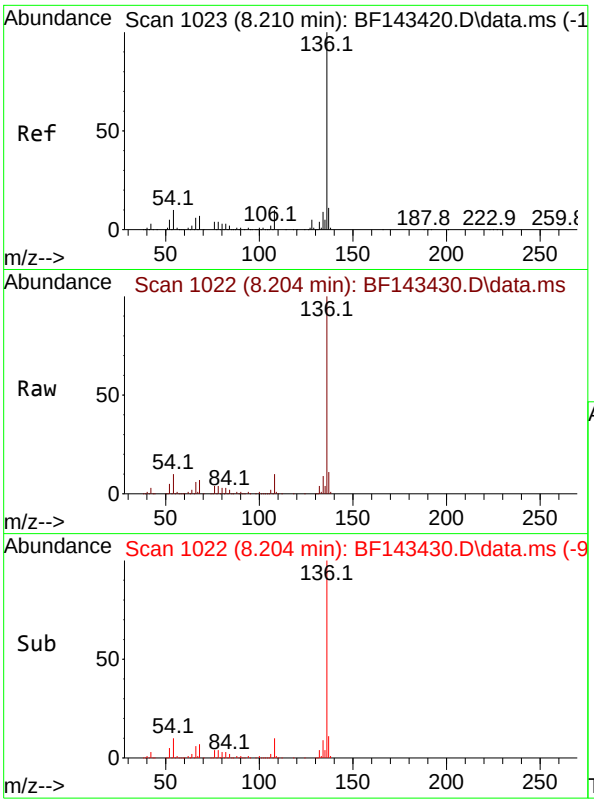


#19
n-Nitroso-di-n-propylamine
Concen: 17.872 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion: 70 Resp: 106033

Ion	Ratio	Lower	Upper
70	100		
42	52.1	52.5	78.7#
101	0.0	7.9	11.9#
130	2.3	16.0	24.0#



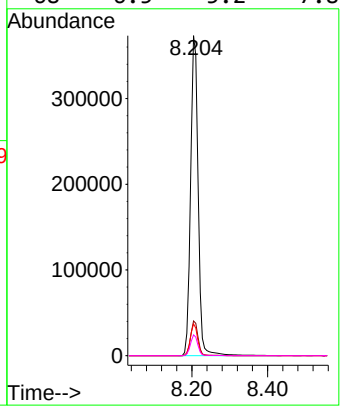


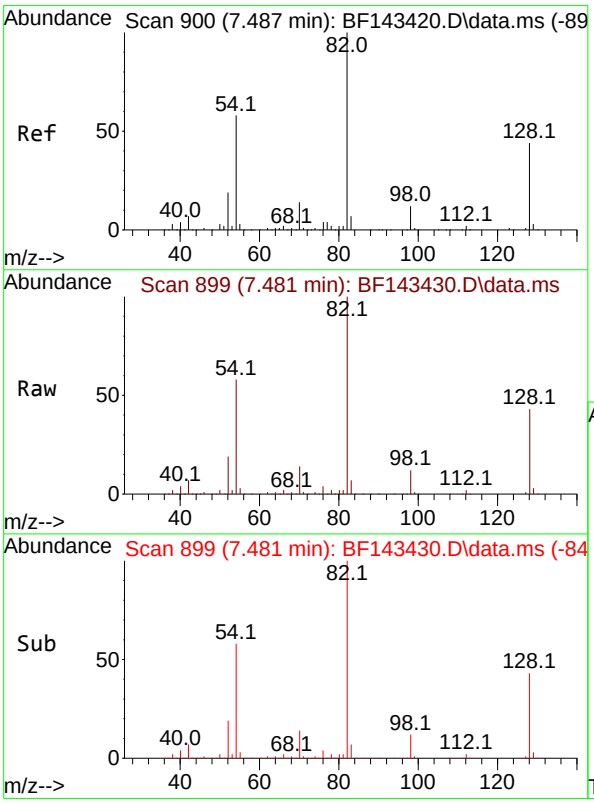
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion:136 Resp: 514539

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.0	7.8	11.8
68	6.5	5.2	7.8

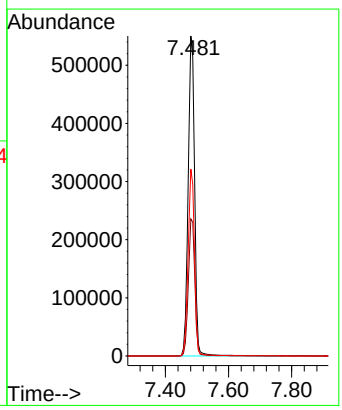


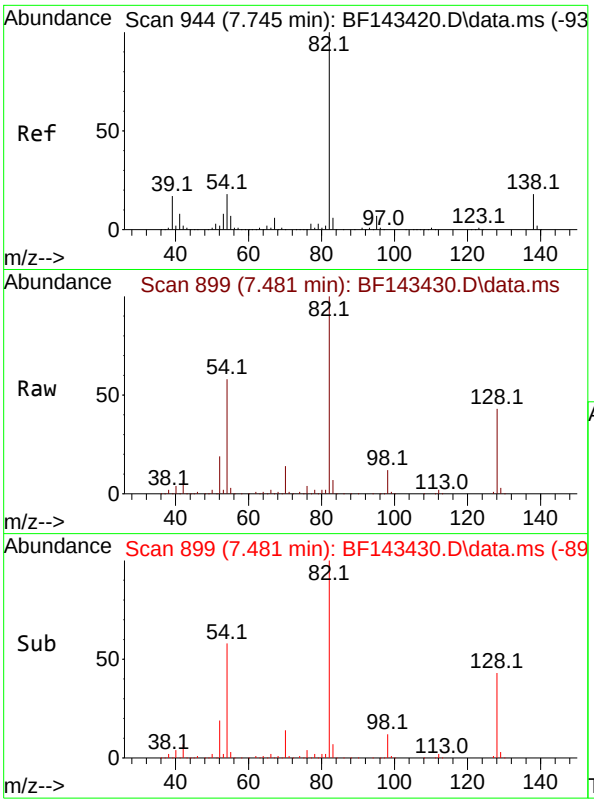


#23
Nitrobenzene-d5
Concen: 89.621 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion: 82 Resp: 777125

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	58.4	46.0	69.0



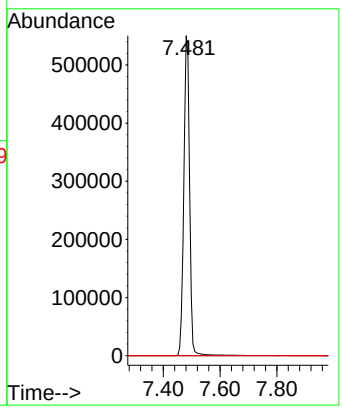


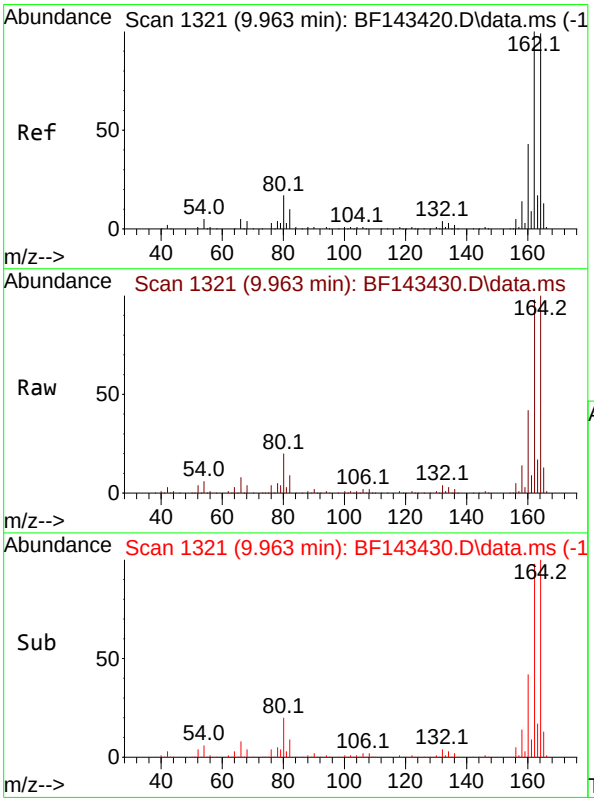
#25
Isophorone
Concen: 46.831 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion: 82 Resp: 777207

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.3	21.5#

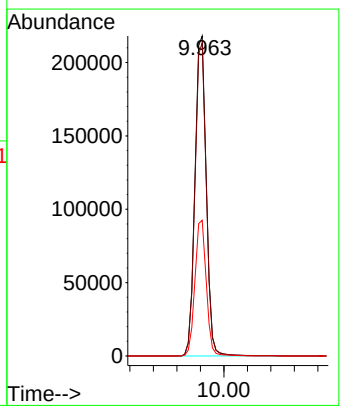


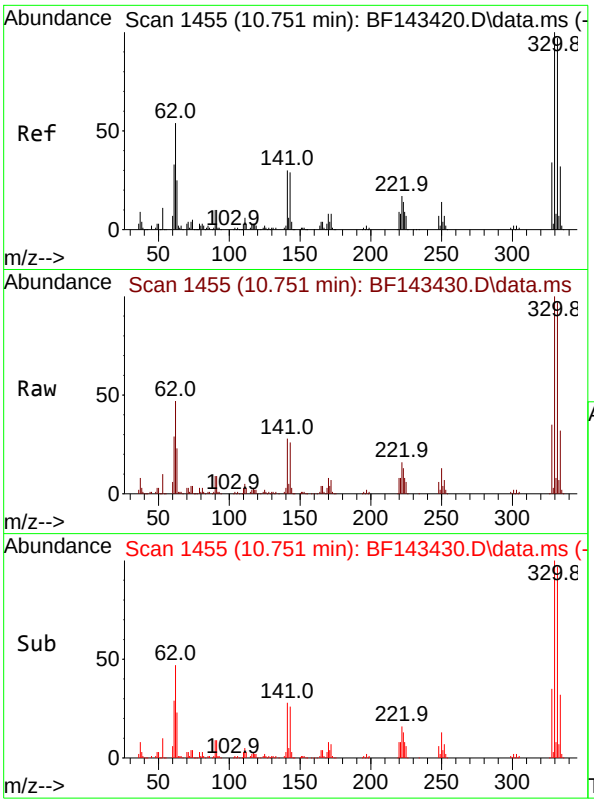


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion:164 Resp: 291463

Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.6	121.0
160	42.4	34.6	51.8



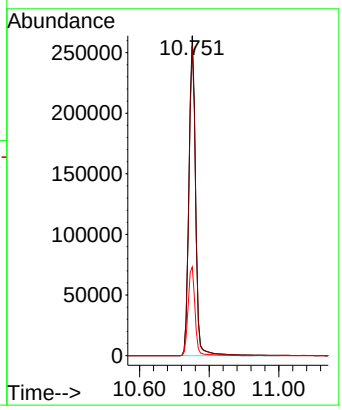


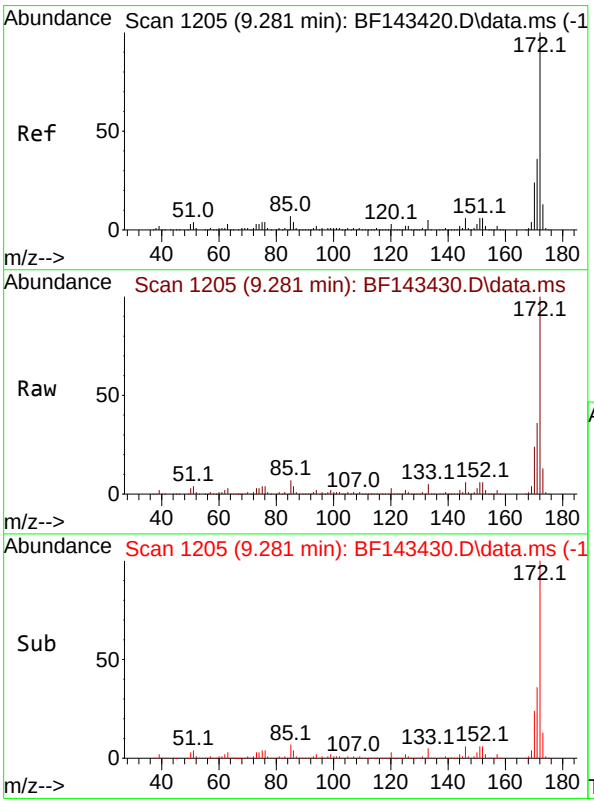
#42
2,4,6-Tribromophenol
Concen: 135.248 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion:330 Resp: 350867

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	29.0	24.1	36.1

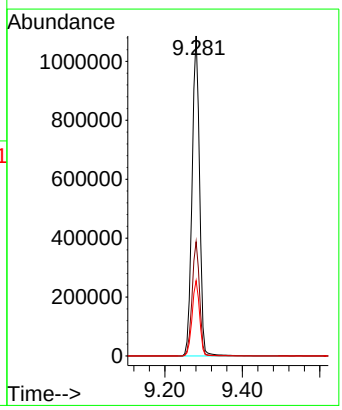


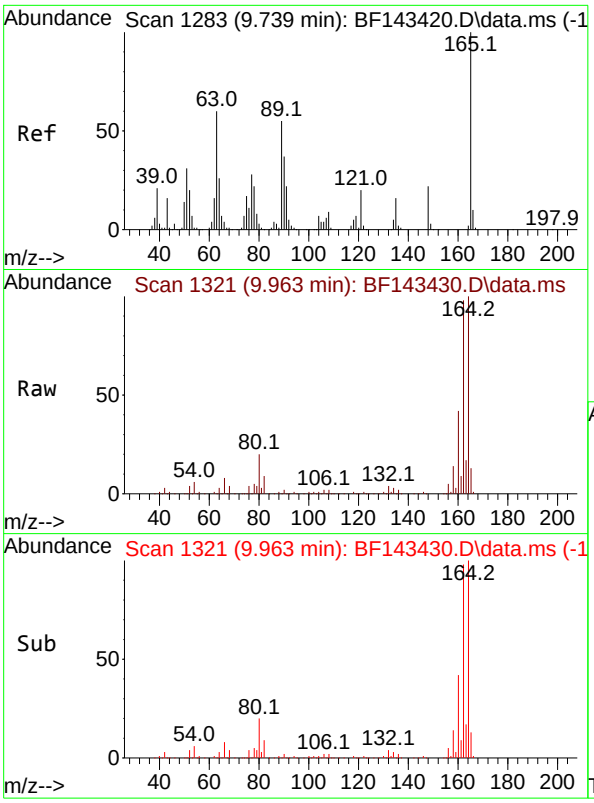


#45
2-Fluorobiphenyl
Concen: 84.426 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion:172 Resp: 1462968

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	23.5	19.0	28.6



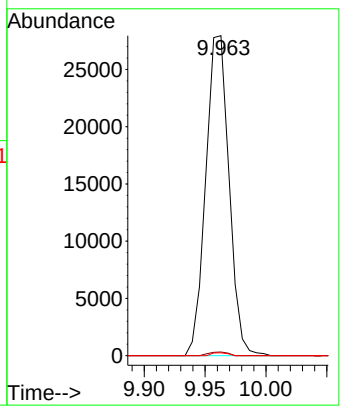


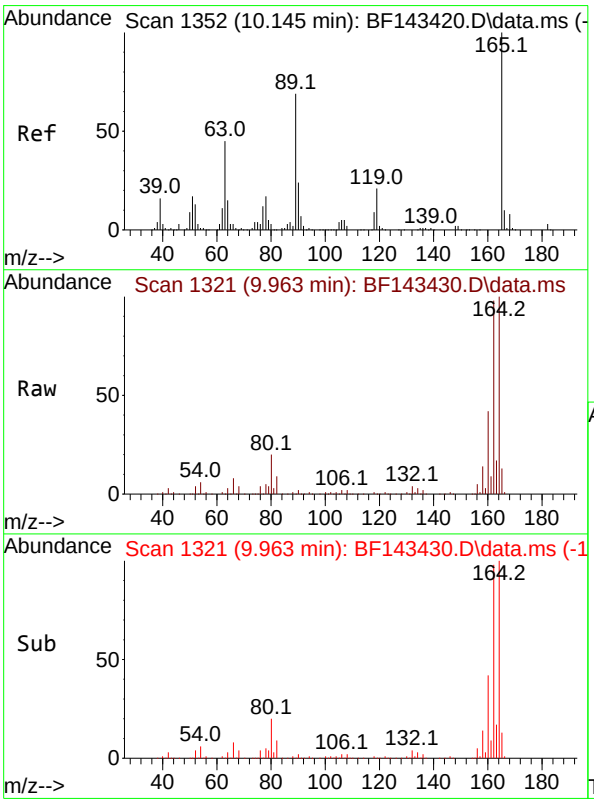
#51
2,6-Dinitrotoluene
Concen: 10.394 ng
RT: 9.963 min Scan# 1
Delta R.T. 0.223 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion:165 Resp: 37231

Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.2	72.2#
89	0.9	44.2	66.2#

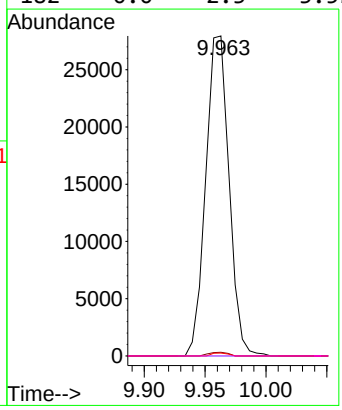


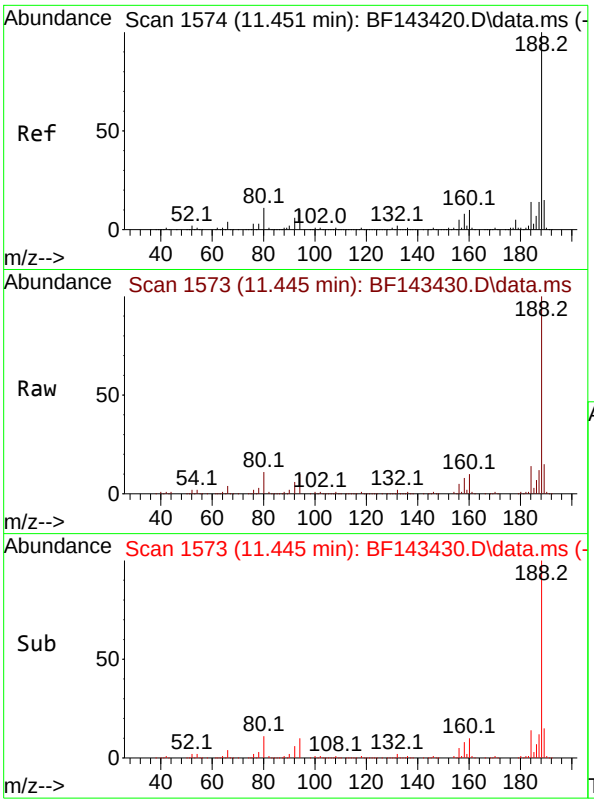


#57
2,4-Dinitrotoluene
Concen: 7.796 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion:165 Resp: 37231

Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.0	55.6#
89	0.9	55.4	83.0#
182	0.0	2.3	3.5#



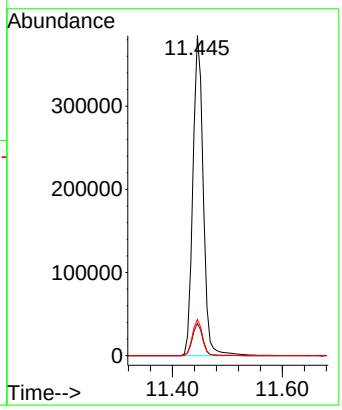


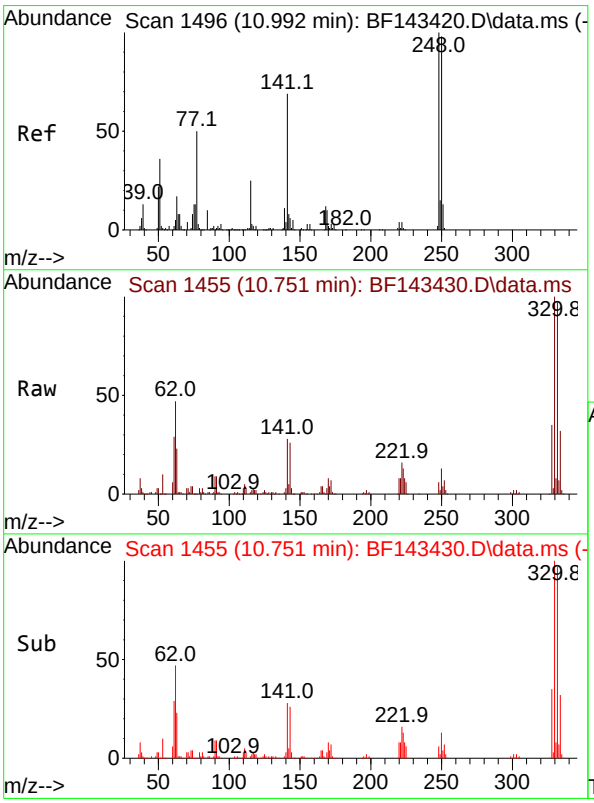
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion:188 Resp: 501580

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	11.4	8.6	12.8

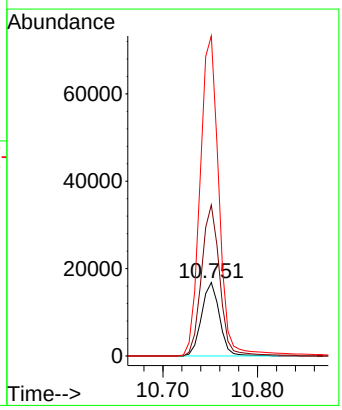


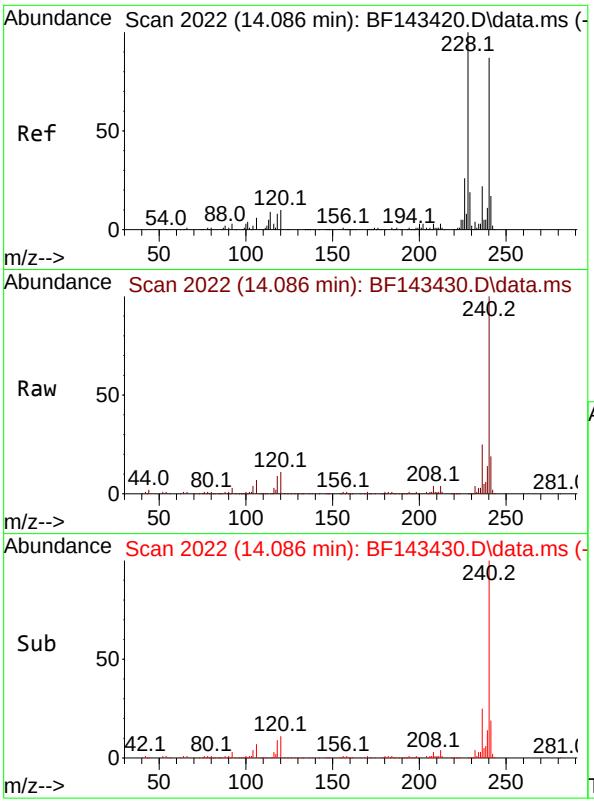


#67
4-Bromophenyl-phenylether
Concen: 3.747 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion:248 Resp: 22192

Ion	Ratio	Lower	Upper
248	100		
250	205.9	78.6	118.0#
141	436.0	54.9	82.3#



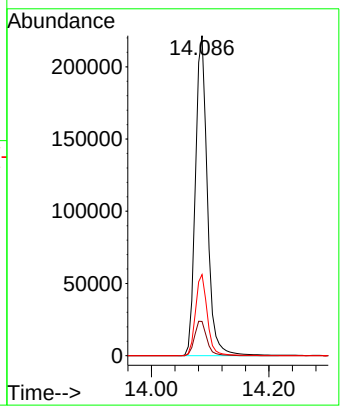


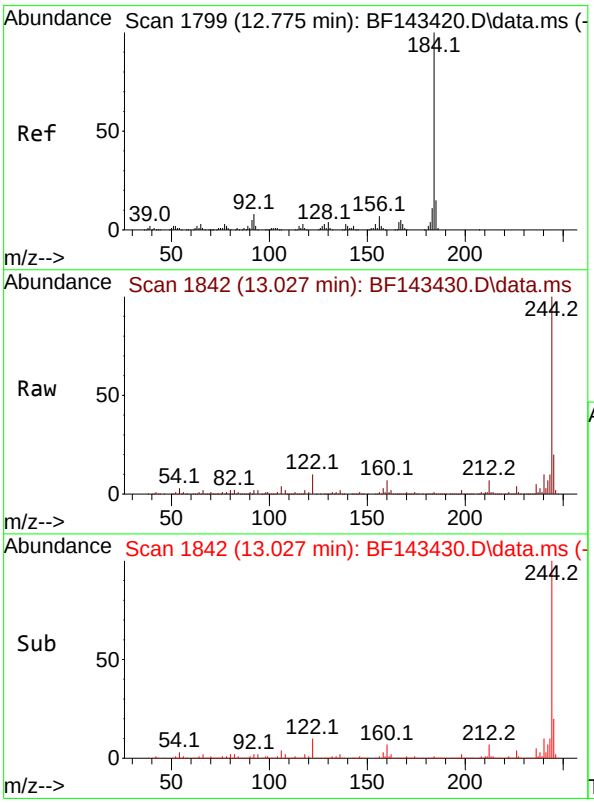
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

Tgt Ion:240 Resp: 313116

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.4	20.2	30.2

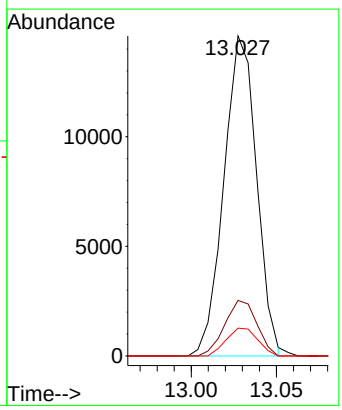


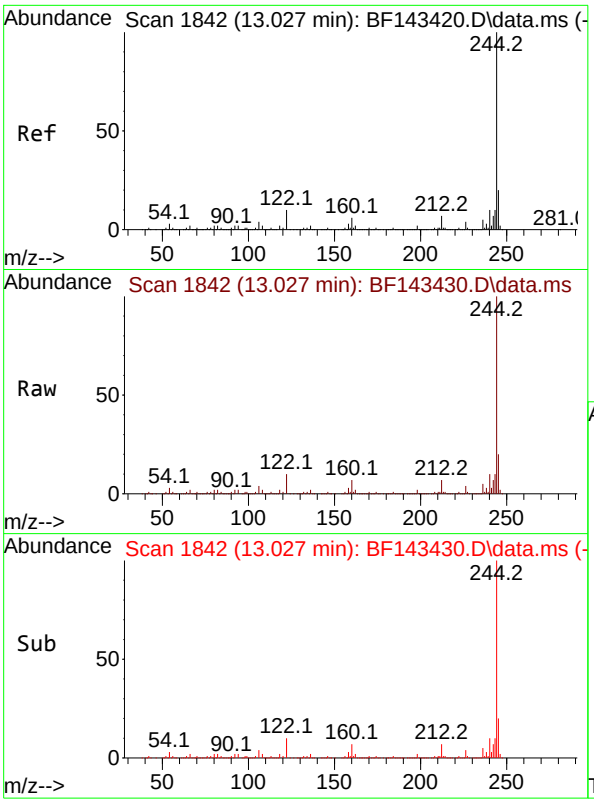


#77
Benzidine
Concen: 2.079 ng
RT: 13.027 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion:184 Resp: 19442

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.2	18.2
183	8.7	9.2	13.8#



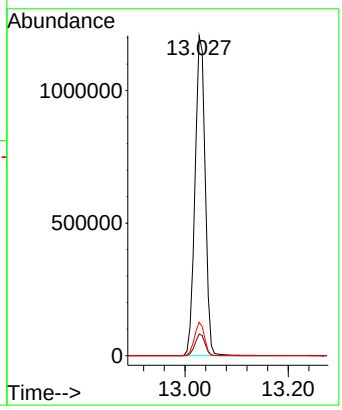


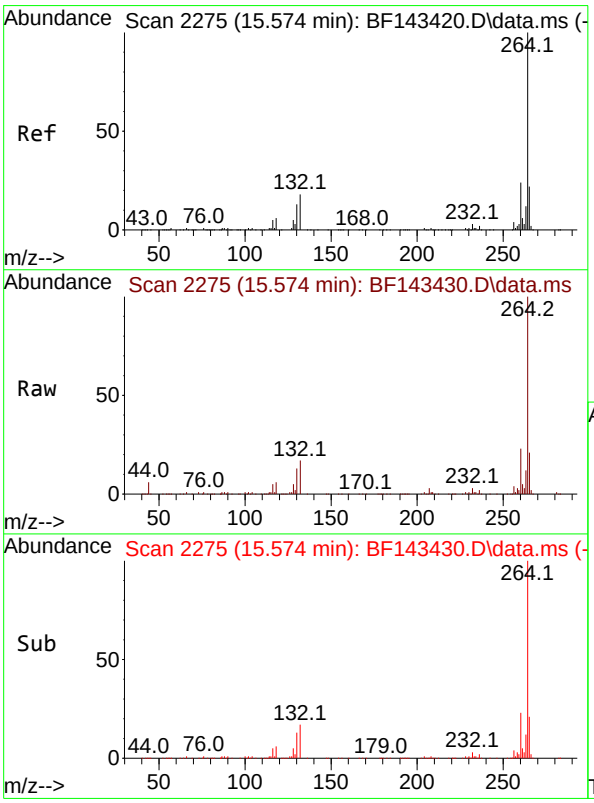
#79
Terphenyl-d14
Concen: 88.255 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Instrument :
BNA_F
ClientSampleId :
PB169212TB

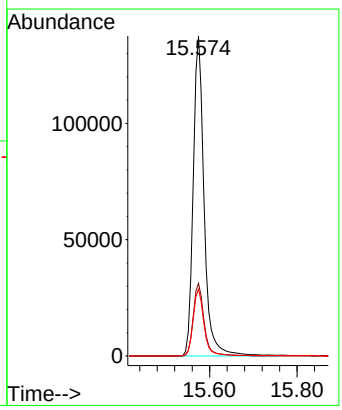
Tgt Ion:244 Resp: 1645028

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.2	7.8
122	10.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143430.D
Acq: 18 Aug 2025 09:35

Tgt Ion:264 Resp: 239207

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	20.9	17.4	26.0