Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126730.D
Acq On : 28 Jan 2022 21:34
Operator : CG/JU
Sample : N1319-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-2D

Quant Time: Jan 29 02:30:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	141417	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	533151	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	263676	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	385843	20.000	ng	0.00
76) Chrysene-d12	14.133	240	297633	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	306347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1335291	124.250	ng	0.02
7) Phenol-d6	6.575	99	1633309	109.388	ng	0.00
23) Nitrobenzene-d5	7.522	82	1359609	99.815	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	337627	136.824	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1616897	93.914	ng	0.00
79) Terphenyl-d14	13.080	244	1471525	82.925	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	280	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.516	70	181926	16.694	ng	# 68
25) Isophorone	7.522	82	1353205	51.226	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	34225	10.591	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	34225	8.740	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	567	7.632	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	21712	4.883	ng	# 1

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

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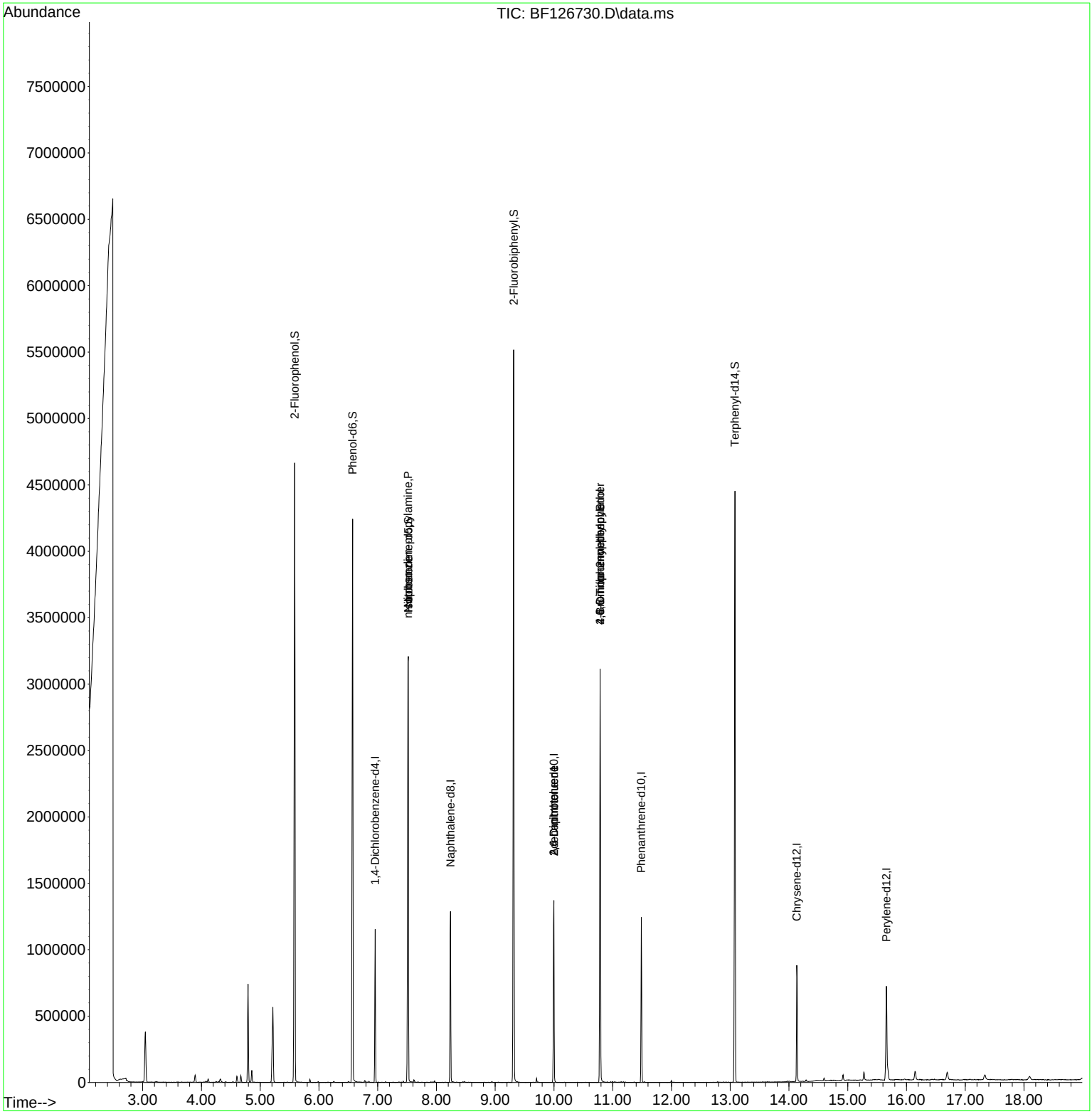
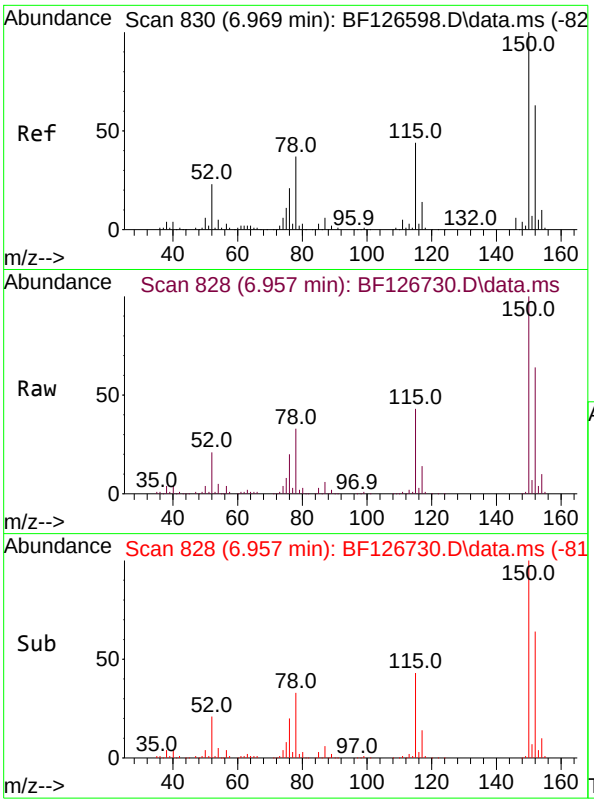


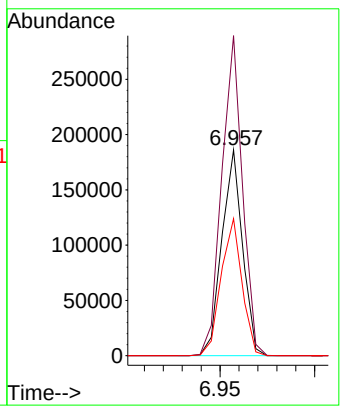


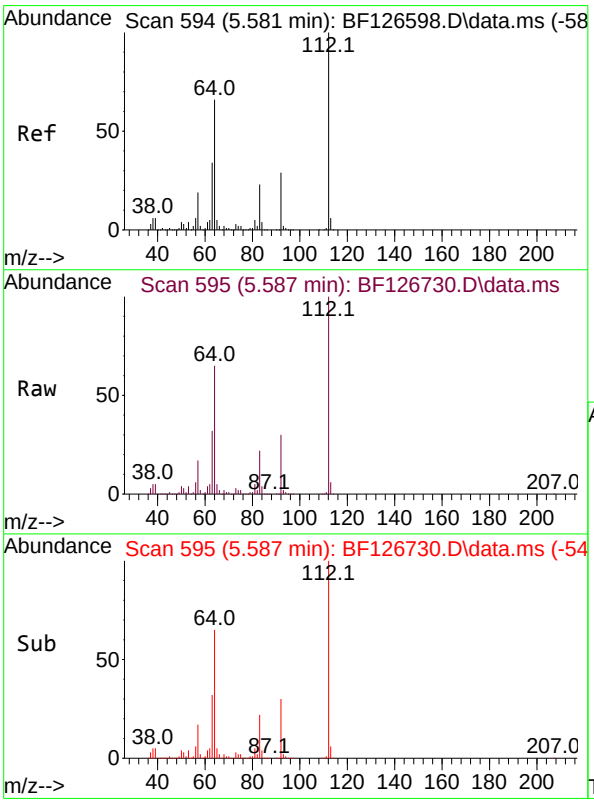
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:152 Resp: 141417

Ion	Ratio	Lower	Upper
152	100		
150	155.5	128.1	192.1
115	66.5	56.7	85.1

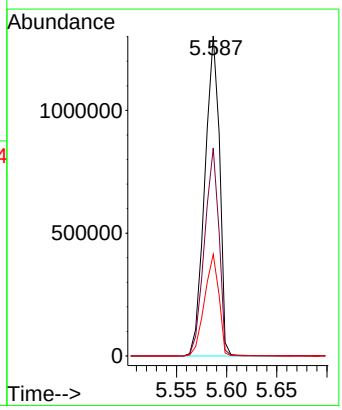


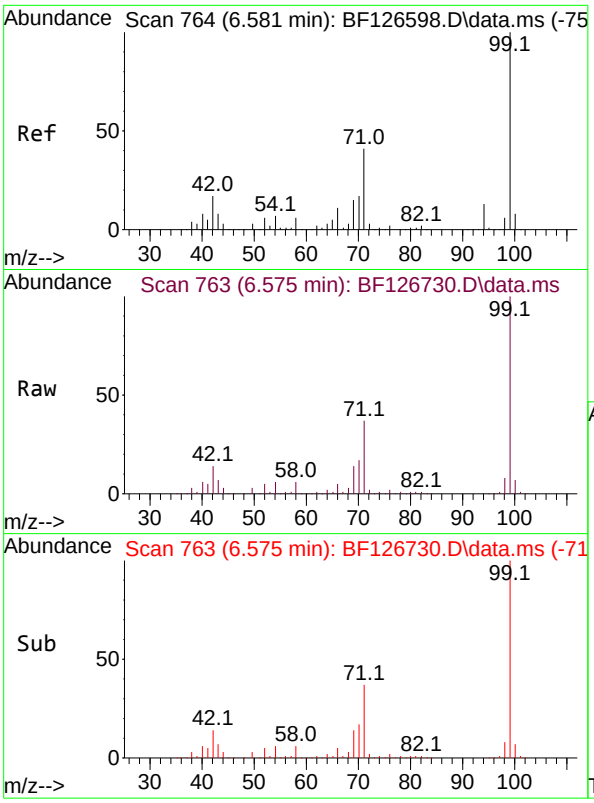


#5
2-Fluorophenol
Concen: 124.250 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion:112 Resp: 1335291

Ion	Ratio	Lower	Upper
112	100		
64	65.0	49.5	74.3
63	31.8	23.9	35.9



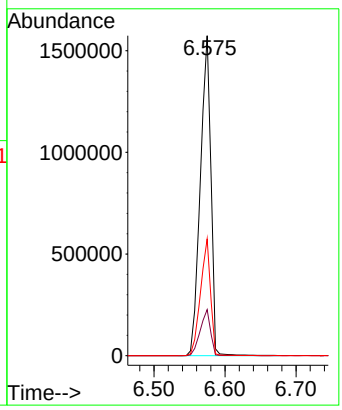


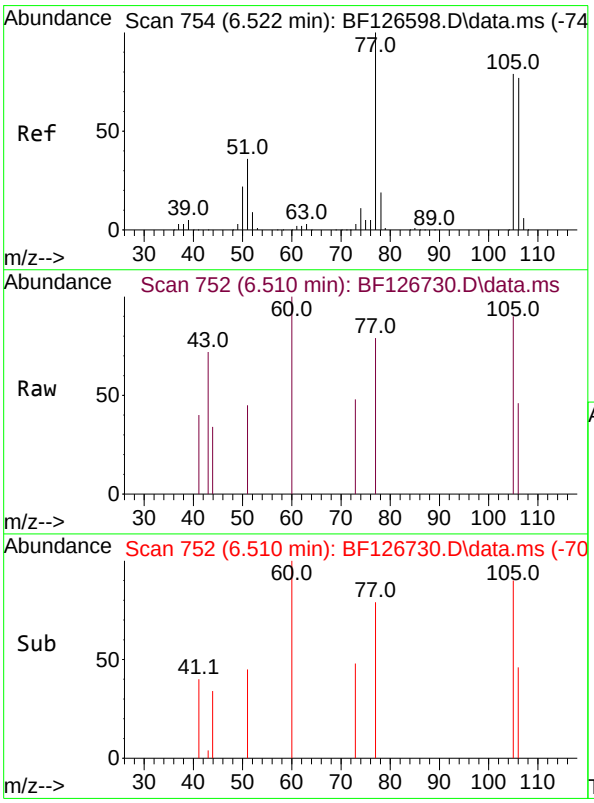
#7
Phenol-d6
Concen: 109.388 ng
RT: 6.575 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion: 99 Resp: 1633309

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.2	21.4
71	36.5	24.3	36.5#

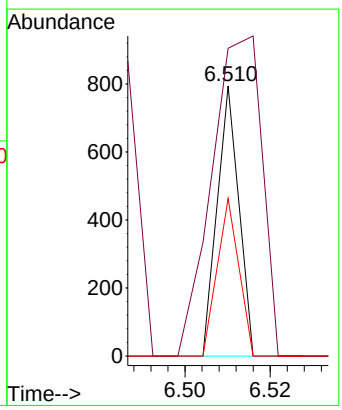


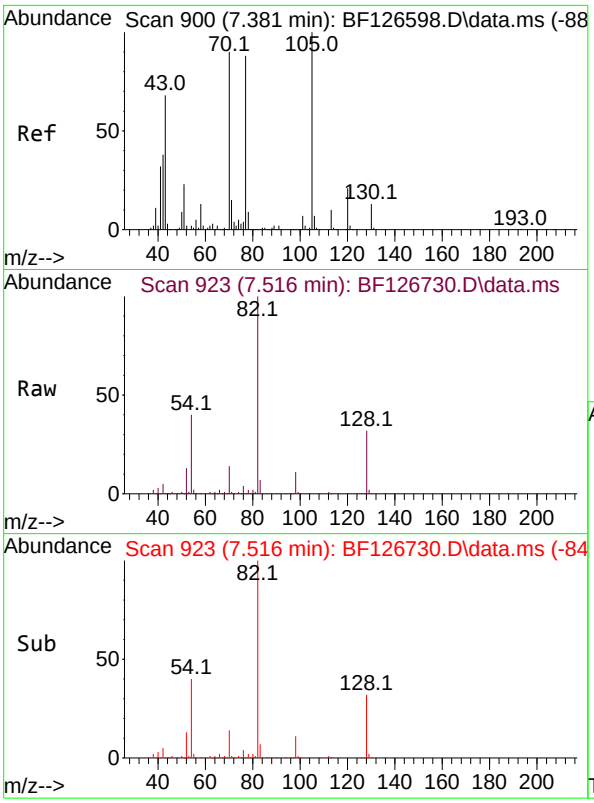


#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion: 77 Resp: 280

Ion	Ratio	Lower	Upper
77	100		
105	114.0	74.9	114.9
106	58.3	72.4	112.4#



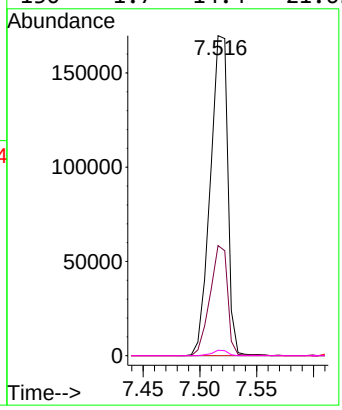


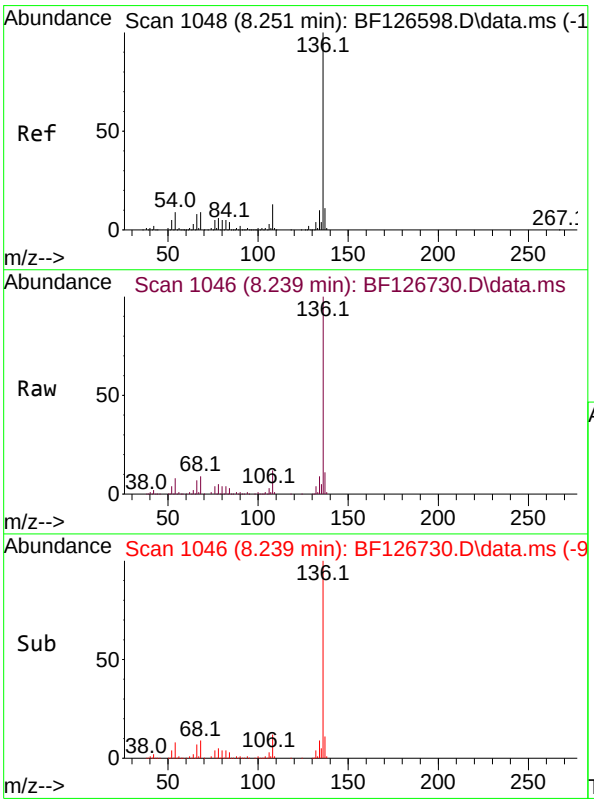
#19
n-Nitroso-di-n-propylamine
Concen: 16.694 ng
RT: 7.516 min Scan# 9
Delta R.T. 0.147 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion: 70 Resp: 181926

Ion	Ratio	Lower	Upper
70	100		
42	34.4	45.8	68.8#
101	0.0	6.9	10.3#
130	1.7	14.4	21.6#

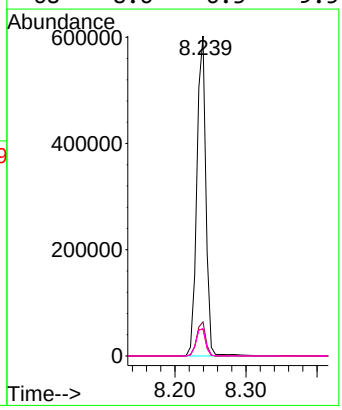


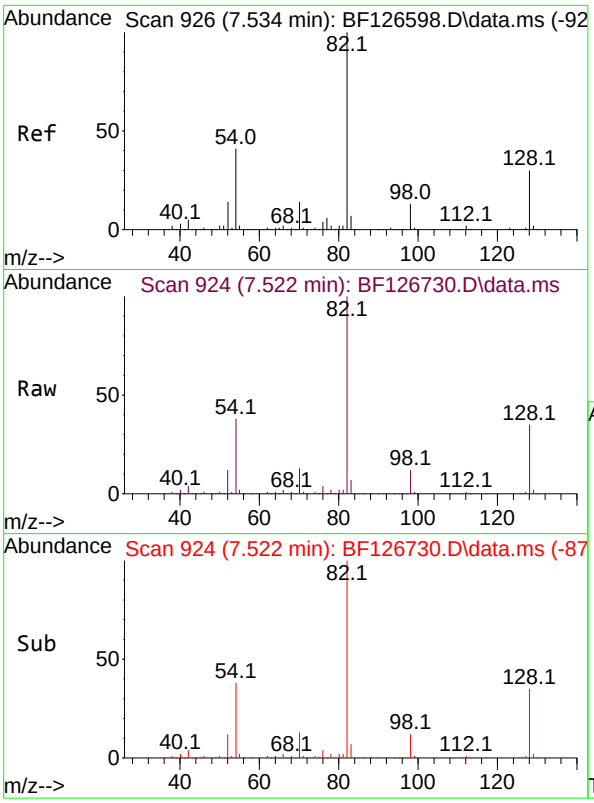


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion:136 Resp: 533151

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.3	7.8	11.6
68	8.6	6.3	9.5



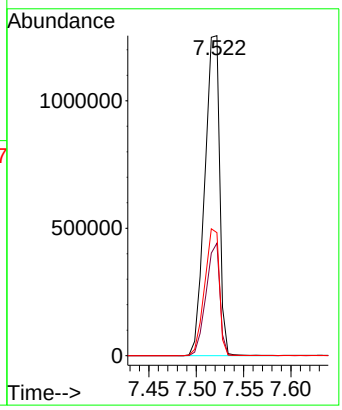


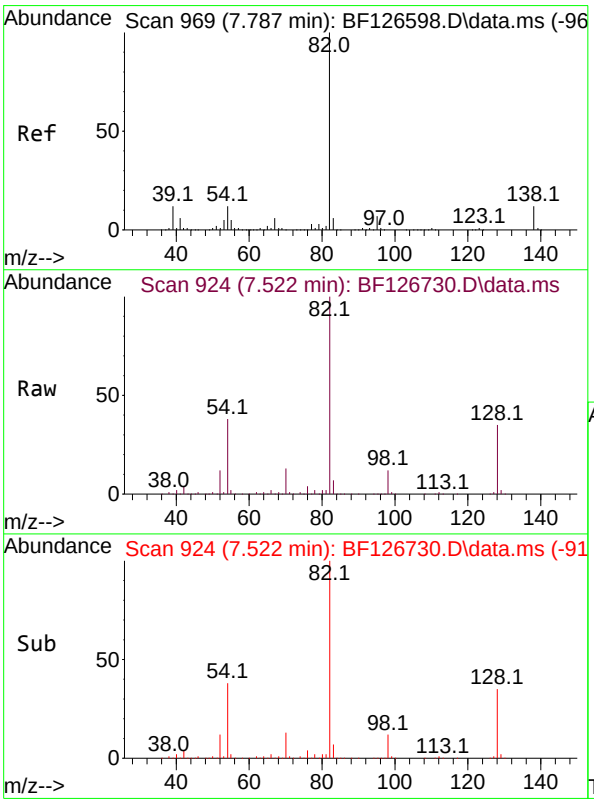
#23
Nitrobenzene-d5
Concen: 99.815 ng
RT: 7.522 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion: 82 Resp: 1359609

Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.7	49.1
54	38.5	41.7	62.5#

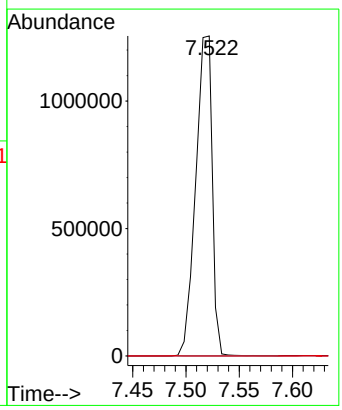


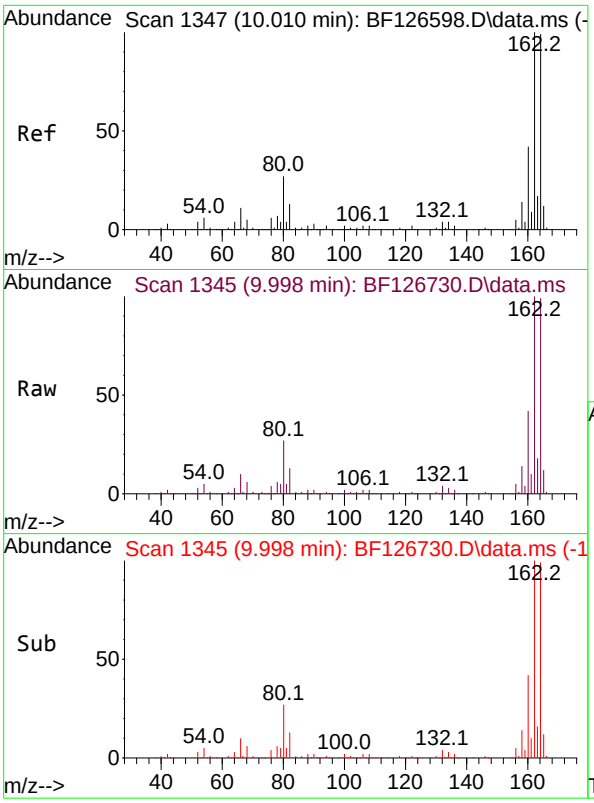


#25
Isophorone
Concen: 51.226 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.259 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion: 82 Resp: 1353205

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.3	18.5#



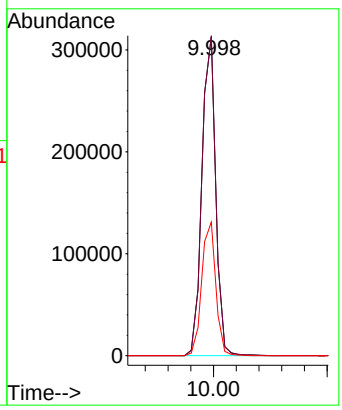


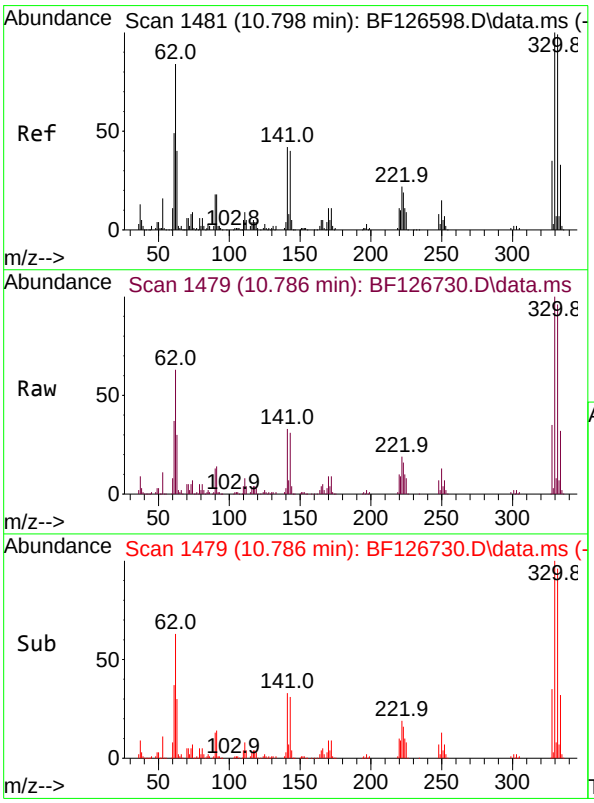
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:164 Resp: 263676

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	41.9	36.6	54.8

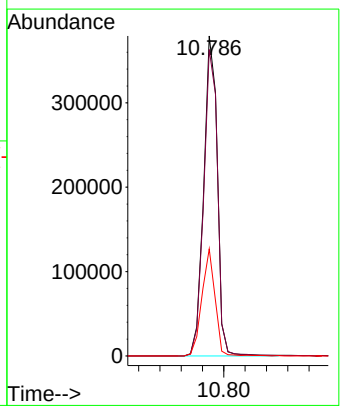


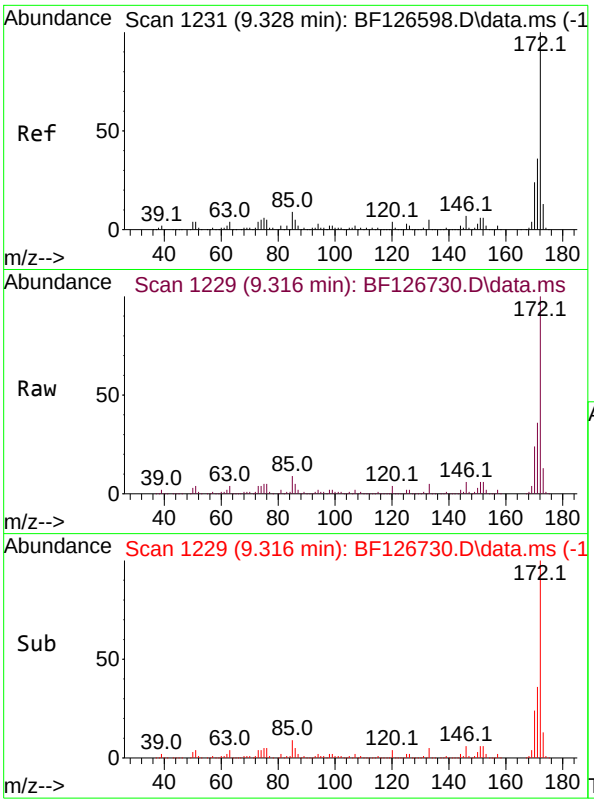


#42
2,4,6-Tribromophenol
Concen: 136.824 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion:330 Resp: 337627

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	32.4	30.1	45.1



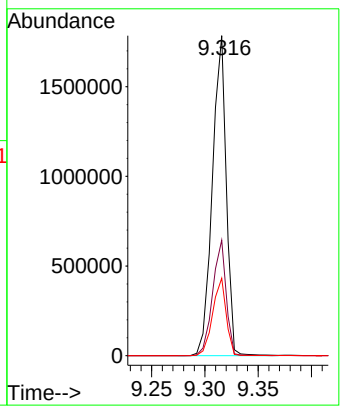


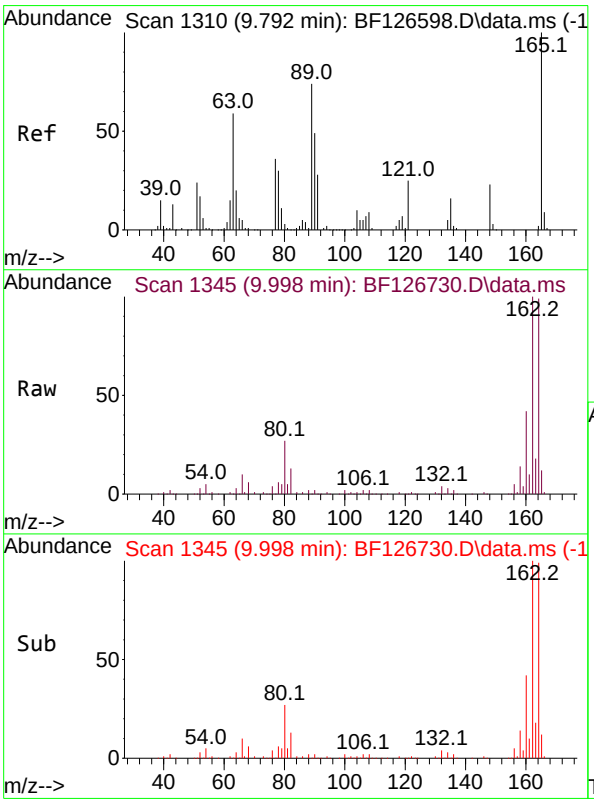
#45
2-Fluorobiphenyl
Concen: 93.914 ng
RT: 9.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:172 Resp: 1616897

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	24.2	19.0	28.6

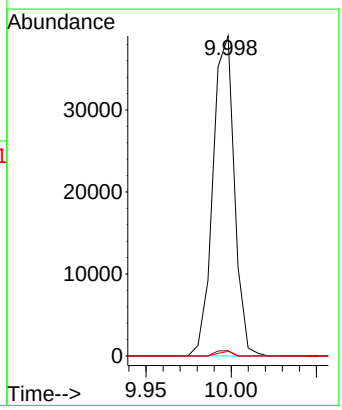


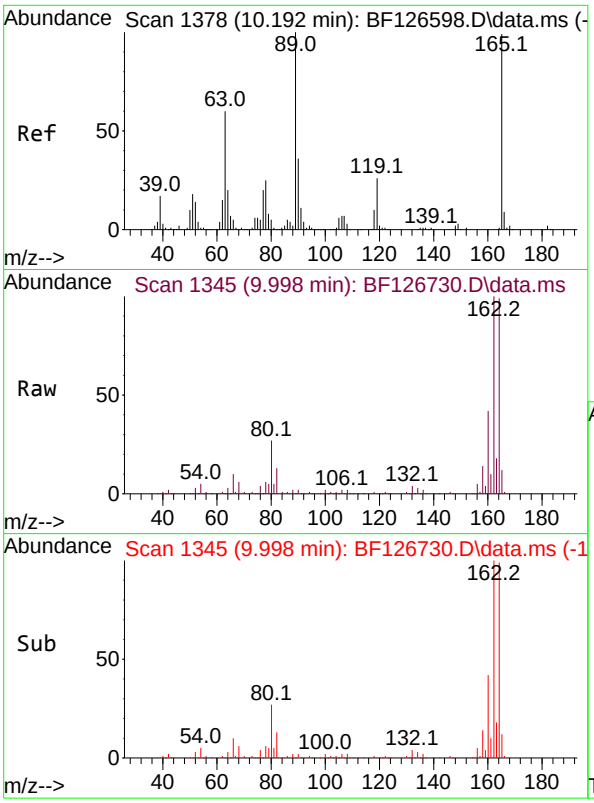


#51
2,6-Dinitrotoluene
Concen: 10.591 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.218 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion:165 Resp: 34225

Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.4	72.6#
89	1.5	50.5	75.7#



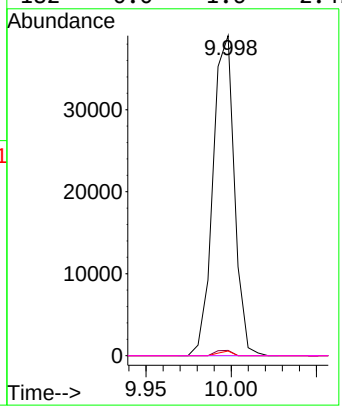


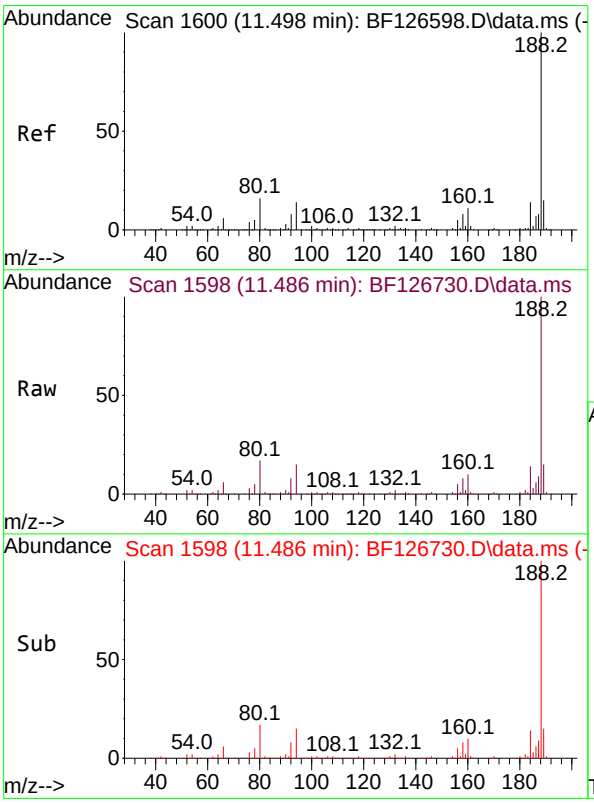
#57
2,4-Dinitrotoluene
Concen: 8.740 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.188 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:165 Resp: 34225

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.0	64.6#
89	1.5	71.0	106.4#
182	0.0	1.6	2.4#

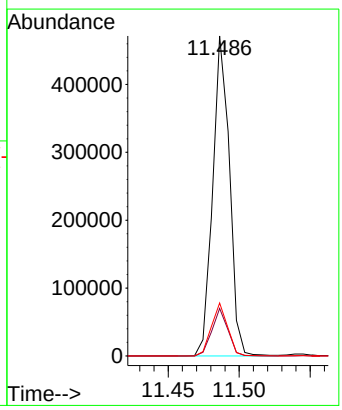


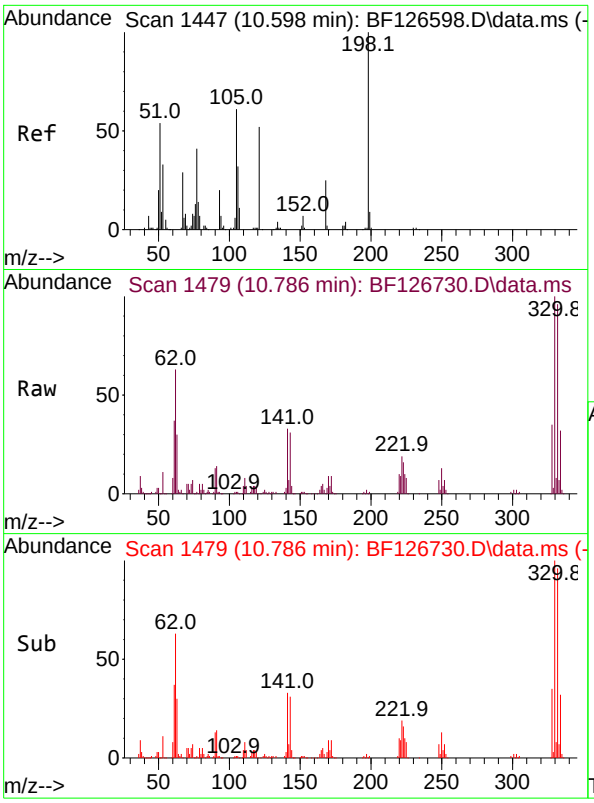


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion:188 Resp: 385843

Ion	Ratio	Lower	Upper
188	100		
94	14.9	10.1	15.1
80	16.6	11.8	17.6



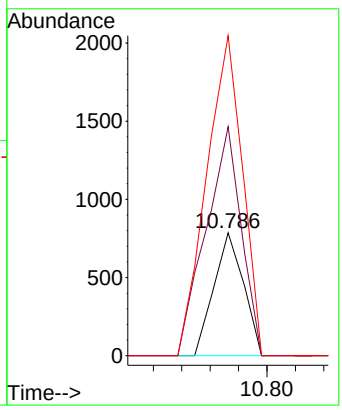


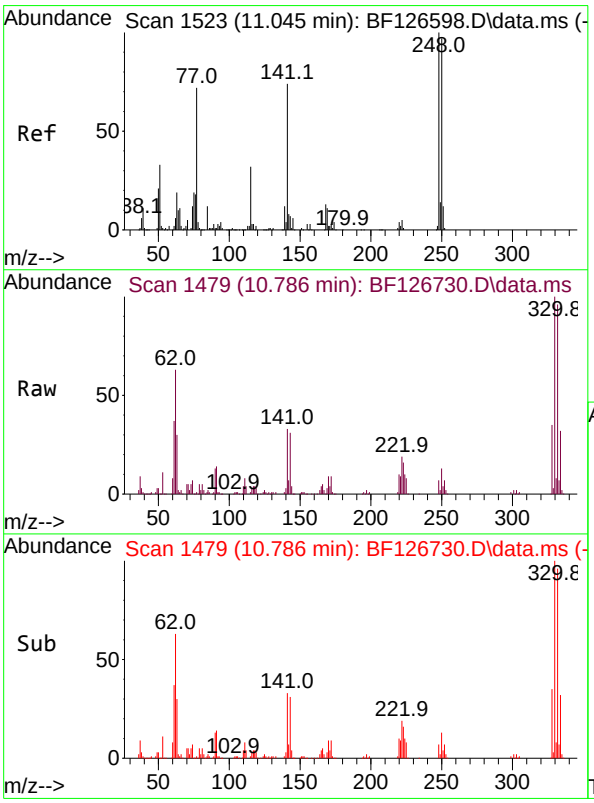
#65
4,6-Dinitro-2-methylphenol
Concen: 7.632 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.194 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:198 Resp: 567

Ion	Ratio	Lower	Upper
198	100		
51	186.4	32.0	72.0#
105	260.4	32.7	72.7#

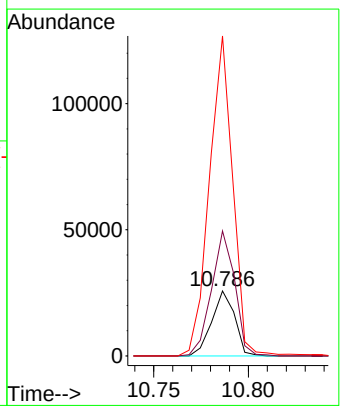


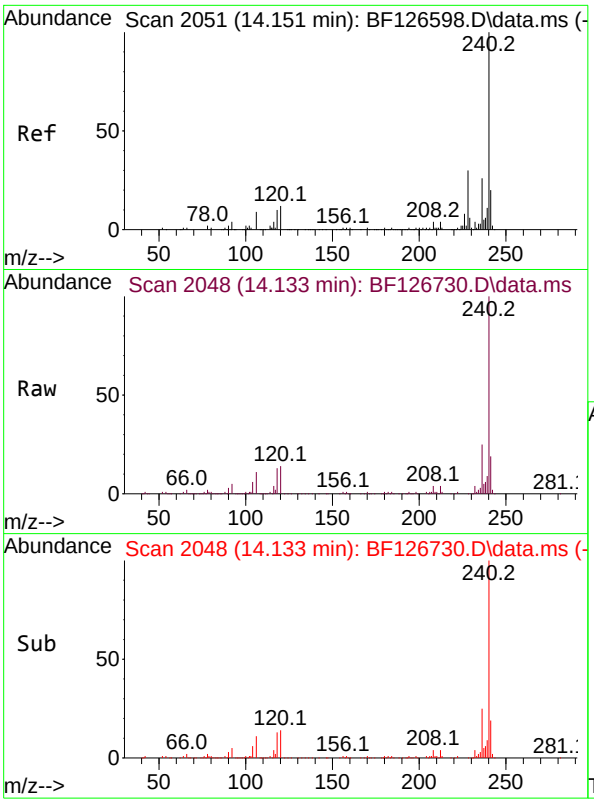


#67
4-Bromophenyl-phenylether
Concen: 4.883 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion:248 Resp: 21712

Ion	Ratio	Lower	Upper
248	100		
250	192.2	76.2	114.4#
141	492.1	66.2	99.4#



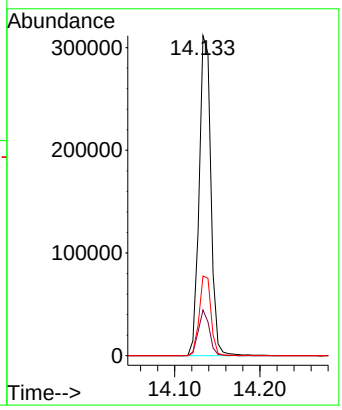


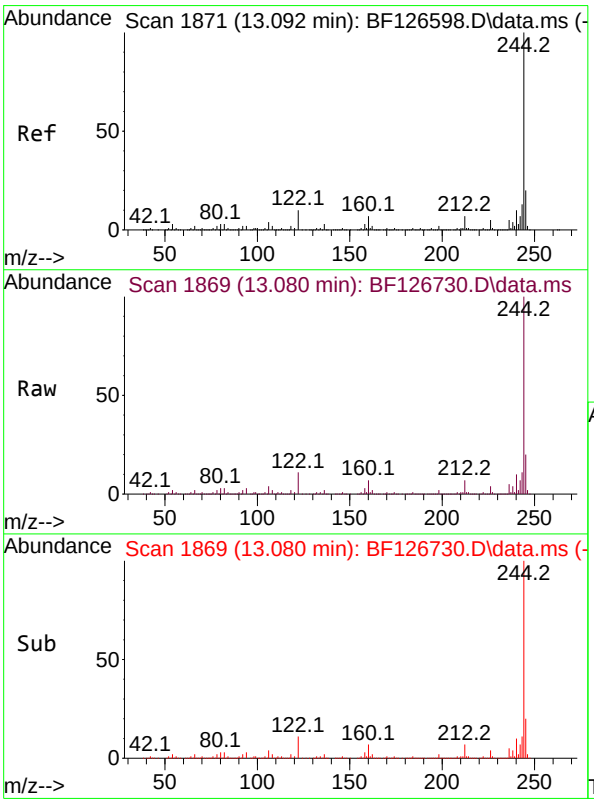
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:240 Resp: 297633

Ion	Ratio	Lower	Upper
240	100		
120	14.3	14.4	21.6#
236	24.9	20.5	30.7

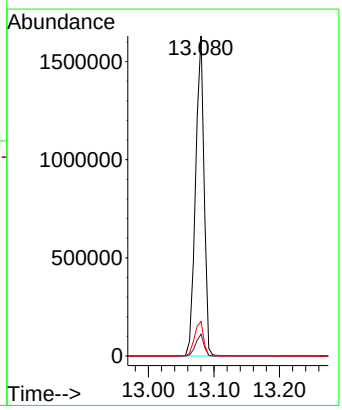


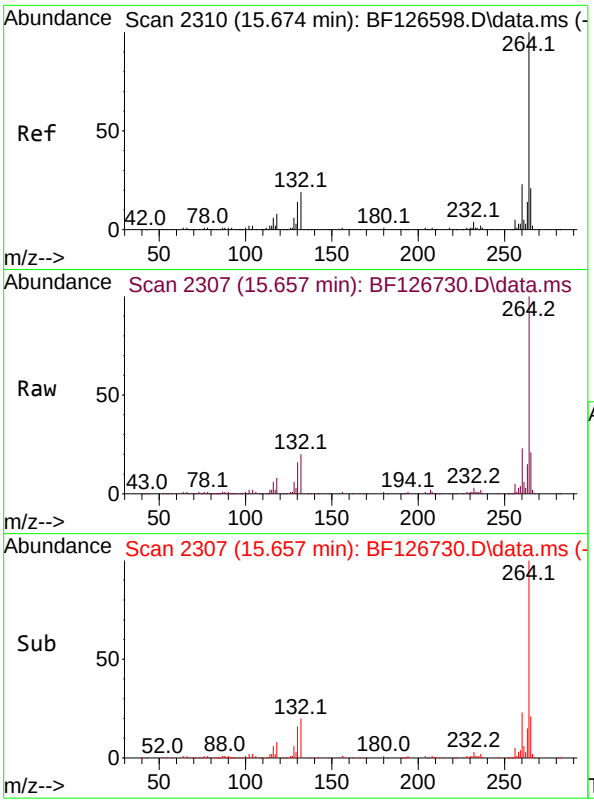


#79
Terphenyl-d14
Concen: 82.925 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Tgt Ion:244 Resp: 1471525

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	10.8	13.3	19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF126730.D
Acq: 28 Jan 2022 21:34

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:264 Resp: 306347

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.4	26.2